



AUBURN

MONTGOMERY

AUBURN UNIVERSITY AT MONTGOMERY

Auburn University at Montgomery presents this catalog to its students, prospective students, employees and others to inform them about the admission process, degree programs and requirements, course descriptions, regulations, faculty and staff and other pertinent information. The statements made in this catalog are for informational purposes only and do not constitute a contract between the student and AUM.

While Auburn University at Montgomery reserves the right to make changes to its policies, regulations, curriculum and other items listed in this catalog without actual notice to students, the information accurately reflects policy and progress requirements for graduation effective August 1, 2010. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

Auburn Montgomery will make every effort to keep students advised on any such changes. Information on changes will be available online www.aum.edu, as well as in the Office of Admissions and/or the deans offices. It is important that each student be aware of his or her individual responsibility to keep apprised of current graduation requirements for his or her degree program.

For additional information about graduate program procedures, please refer to the AUM Graduate Handbook of Policies and Procedures, available online at www.aum.edu/Graduate_Handbook.

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■ Accreditation

Auburn University at Montgomery is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, educational specialist and doctoral degrees. Inquiries related to the university's accreditation by the commission may be directed to the Commission on Colleges, 1866 Southern Lane, Decatur, Georgia 30033-4097, 404-679-4500 or www.sacscoc.org. Questions related to admissions, programs and practices of AUM should be directed to the university's offices, publications or websites.

■ Academic Calendars, Class Meeting Times and Final Examination Schedule

Current AUM academic calendars, class meeting times and final examination schedules are available online at www.aum.edu.

■ Graduate Degrees

School of Business

Degree	Curriculum
M.B.A.	Business Administration
E.M.B.A.	Executive Business Administration

School of Education

Degree	Curriculum
M.Ed.	Art Education (P-12)
	Community Counseling (non certification)
	School Counseling (P-12)
	Early Childhood Education (P-3)
	Elementary Education (K-6)
	Instructional Technology
	Physical Education (P-12)
	Exercise Science (non certification)
	Reading Specialist (P-12)
	Secondary Education (6-12)
	Biology
	English/Language Arts
	General Science
	Social Science
	History
	Mathematics

	Special Education
	Early Childhood Special Education (B-8)
	Collaborative Teacher (K-6)
	Collaborative Teacher (6-12)
	Sport Management
Ed.S.	Instructional Leadership (P-12)
	Community Counseling ¹ (non certification)
	School Counseling (P-12)
	Early Childhood Education (P-3)
	Elementary Education (K-6)
	Physical Education (P-12)
	Special Education
	Collaborative Teacher (K-6)
	Collaborative Teacher (6-12)
Alternative M.Ed.	Art Education (P-12)
	Childhood Education (P-6)
	Physical Education
	Secondary Education (6-12)
	Biology
	English/Language Arts
	General Science
	Social Science
	History
	Mathematics
	Special Education
	Early Childhood Special Education (B-8)
	Collaborative Teacher (K-6)
	Collaborative Teacher (6-12)

School of Liberal Arts

Degree	Curriculum
M.L.A.	Liberal Arts
M.A. ²	Sociology
M.S. ²	Sociology

School of Nursing

Degree	Curriculum
M.S.N. ³	Clinical Specialist in Education/ Diverse Populations

School of Sciences

Degree	Curriculum
M.S.J.P.	Justice and Public Safety
	Criminal Justice
	Homeland Security and Emergency

	Management
	Judicial Administration
	Executive Master's (online accelerated criminal justice)
M.I.R. ⁴	International Relations
M.P.S.	Political Science
M.S.P.G.	Psychology
M.P.A.	Public Administration
Ph.D. ⁵	Public Administration and Public Policy

¹ Joint Educational Specialist program with Alabama State University.

² Master's program in cooperation with Auburn University.

³ Joint Master's program with Auburn University School of Nursing.

⁴ Master's program offered at Maxwell Air Force Base for permanent party officers, civilians and noncommissioned officers.

⁵ Joint doctoral program with Auburn University.

■ Mission of the University

Auburn University at Montgomery's mission, as the metropolitan campus of Auburn University, a land-grant institution, is to foster and exemplify excellence in education through instruction, research and service. Auburn University at Montgomery blends the traditional views of the university as a community of scholars with the contemporary view of the university as an integral part of the surrounding community, state and region. AUM provides academic programs that are characteristic of the finest traditions of scholarship and consistent with the responsibility of the university to provide support for the functions of government, regional economic growth and cultural enrichment through the arts.

As a center of learning dedicated to the examination of ideas and values influencing civilizations, AUM is committed to:

1. Providing students with an understanding of the issues, ideas and values that have a significant impact on the development of society;
2. Developing in its students the methodological approaches essential to understanding contemporary society and its problems and to fostering critical thinking;
3. Providing students with a broadly based education, as well as preparing them for the learned professions;
4. Conducting research that contributes to the advancement of knowledge;
5. Extending its knowledge, skills and resources to the community, state and region;
6. Providing opportunities for lifelong learning.

AUM encourages open and free inquiry and seeks to instill in its students ways of thinking, communicating and learning that will be of enduring value.

Auburn University at Montgomery is committed to the following values:

- Excellence
- Accountability
- Accessibility
- Diversity and inclusiveness
- Creativity
- Responsibility
- Honesty
- Fairness

The personal and intellectual development of students is the inherent goal of a university education. This assumption, complemented by the belief that knowledge is valuable in itself, underlies the primary aspiration of AUM: to create in students a realization of their potential as responsible, ethical human beings. AUM adopts the following goals:

1. Enhance academic programs.
2. Increase student success and retention.
3. Enhance AUM's engagement with AU.
4. Increase AUM's partnerships with business, government and the community external to AUM.
5. Attract, recruit and retain a diverse faculty and staff of highly qualified individuals.
6. Identify and obtain the financial resources needed to support the university's mission.
7. Maintain a physical facilities infrastructure, including buildings and information technology, that enhances academic programs, business operations and student life.

■ AUM Library

The AUM Library is housed in a 10-story tower. The library collection contains over 360,000 books and more than 70,000 full-text journals available in print and/or electronic format. The library provides Internet access to more than 100 databases covering all academic disciplines. The library also has extensive collections of documents and periodicals on microfilm, a growing collection of manuscripts and archival materials and several CD-ROM databases that index U.S. census data. In addition, it maintains a collection of browsing materials, consisting of bestseller fiction items.

The library is a regional federal documents depository, with more than 1.75 million publications dating from the mid-19th century to the present. Through its online catalog, the library provides access to its holdings and access to the catalogs of libraries within the state and throughout the world. For remote access to library collections, visit the library homepage at <http://aumnicat.aum.edu>.

The library supplements its holdings by providing interlibrary loan services for students, faculty and staff. The campus community also has direct, online borrowing privileges for books from the libraries at Auburn University, Jacksonville State University, the University of Alabama and the University of Alabama at Birmingham. The AUM Library is a member of OCLC, Inc., an international online bibliographic database with more than 100 million records; Lyasis, the nation's largest regional membership organization serving libraries; and the Network of Alabama Academic Libraries.

The AUM Library is also a member of the Montgomery Higher Education Consortium, which allows AUM students, faculty and staff to check materials out from the libraries at Alabama State University, Faulkner University, Huntingdon College and Troy University's Montgomery campus.

The library's reference service offers instruction for students in the use of library resources and assistance in beginning a research project. The library's reference assistance is offered in person, by phone and online, using the library's "Ask a Librarian" service, available at: reference@aum.edu. The library offers an instant messaging reference assistance using AOL IM, Yahoo! IM, MSN Messenger IM, and Google Talk IM, by using the phrase "askaumlib." The library faculty and staff also provide assistance in finding information, using online databases and microform readers. The library provides news and updates through its blog (<http://aumnicat.aum.edu/weblog/>).

The library has seating for more than 700 students and includes individual study carrels and group study rooms, located on floors four, five and six of the tower. The library provides equipment to assist those with visual impairments, listening carrels and a combined computer lab/classroom seating 31. The library is also configured for wireless access.

The library is open 79 hours a week during the semester and is staffed by capable, friendly professional librarians and paraprofessional staff eager to assist you in locating information both in person and online. The library provides comfortable seating on the first floor, with access to a coffee bar.

■ Counseling Center

The Counseling Center supports students in their university experience by offering free counseling services to those enrolled in a degree-granting program at AUM. Services provided by the center are designed to promote self-awareness, enhance positive development in behaviors, feelings and relationships and address difficulties which impede daily life satisfaction. Students seeking counseling from the Auburn Montgomery Counseling Center will be met with confidentiality, acceptance, trust and respect by a trained licensed professional credentialed by the state of Alabama. The counseling process can be initiated by the student or through referral via teacher, family member, friend or professional in the community. The choice to begin, continue or terminate counseling is left to the student. Walk-ins are welcomed and appointments are encouraged, 334-244-3469. The center is located in room 319 of the Taylor Center. Office hours

range Monday through Friday 8 a.m. – 5 p.m. For after hours Counseling Center emergency care please contact Campus Police at 244-3424. Center Services include:

1. Individual counseling services by a licensed professional counselors for students experiencing interferences or challenges which impede daily functioning in personal, social and/or academic environments.
2. Outreach programs focusing on prevention, education, information and skill development.
3. Administration and review of the Student Success Battery (SSB), an academic battery that promotes self-understanding and development of skill in the area of educational enhancement.
4. Crisis intervention.
5. Consultation and referral services.

■ Learning Center and Instructional Support Lab

AUM offers free tutoring in mathematics, English, English as a Second Language and in writing across the disciplines, as well in biology, chemistry and physics.

The Learning Center provides individual tutoring in mathematics, English and English as a Second Language and in writing papers in all the disciplines. In addition to one-on-one tutoring, the Learning Center provides web-based sites for mathematics and writing and textbook-based ancillary software for mathematics. Math tutors computers are equipped with Maple. Also available through the Learning Center are handouts developed by the staff to assist students with English grammar and mechanics as well as with essay development and writing. Students who live on campus may be tutored in North Commons. Inquire about current hours. Students may call 334-244-3470 or stop by the center to make an appointment. TDD users may call 334-244-3801. Walk-ins are welcomed on a space-available basis.

The Instructional Support Lab offers free, one-on-one, small group and computer-assisted tutoring in biology, chemistry, physics and mathematics. Tutorial services are on a first-come, first-served basis. No appointments are necessary. The ISL also proctors tests for math and science courses. For further information, call 334-244-3265.

■ Housing and Residence Life

Residence life at AUM gives students the full college experience. Residents are within easy walking distance of classes, the library, Taylor Center, extracurricular activities and friends. In order to meet residents' needs, on-campus housing includes: free basic and expanded cable, free local telephone service and high-speed Internet, free use of laundry machines and free parking in well-lighted parking lots.

North Commons, AUM's eight-story apartment tower, features secure, suite-style living with single rooms and fully furnished kitchen and living areas. West Courtyards offers semi-private two-bedroom or private one-bedroom apartments with fully furnished kitchens. Activities planned especially for residence students include cookouts, movies, speakers and socials. AUM housing is reserved for full-

time students. Applications for housing are available in the Housing Office.

■ Career Development Center

The purpose of the Career Development Center is to promote and stimulate the career development processes of AUM students and interested alumni. It is a clearinghouse of information for those interested in career planning, placement, cooperative education and internships.

Career Planning and Placement

This activity is designed to meet the needs of all students concerned with career planning and placement. The Career Development Center website offers a variety of resources, including career information, industry profiles and salary data. Career counseling and interest inventory testing are available to aid in making decisions regarding a career or college major.

Upon request, job search seminars are given throughout the year on writing resumes and cover letters, job interviewing skills and job-search techniques. These seminars are recommended for all AUM students so they can prepare to meet the recruiters from numerous companies who come to campus to interview seniors for full-time employment upon graduation. In addition, videotapes covering preparation for the job search, resume writing, interviewing and negotiating the job offer are available for viewing.

Students nearing graduation may register with the office by establishing a placement file. These files will be mailed to prospective employers at the request of the student.

Cooperative Education

Cooperative education is designed primarily for the undergraduate student. Co-op is a blending of classroom learning with actual work experience in a field closely related to the student's major field of study. It translates academic theory into the real world of industry. Some advantages for students participating in the Cooperative Education Program include becoming better prepared technically through actual on-the-job experience, learning valuable lessons in human relations, having the chance to observe professionals working in their chosen field and earning wages which help cover educational expenses. Students interested in co-op should complete an application and establish a co-op file with the Career Development Center.

There is no charge for many of the services provided by the Career Development Center. In addition, a list of full-time and part-time jobs is available. For more information, come to Suite 150, Taylor Center.

Internships

Students interested in internship opportunities should contact the school in which they are enrolled. Academic credit as well as course requirements are established individually by the departments.

■ Fees and Charges

Fees at AUM remain somewhat lower than fees charged at similar institutions in the Southeast and throughout the nation. As operating costs rise, small increases in fees are authorized by the Board of Trustees to meet these increased costs. Every effort is made to hold these changes to the minimum.

Payment of Fees and Charges

Students are expected to meet all their financial obligations to the university when due. AUM has a centralized billing system for student accounts. Students should receive a statement two to three weeks prior to the first day of classes. If students register after this time, a billing statement will not be received. However students are responsible for paying all changes by the due date. Billing statements for currently enrolled students are issued via e-bill only. An e-mail notification will be sent to the students university issued e-mail address and to all authorized users when a new billing statement is issued.

It is the student's responsibility to monitor his or her outstanding charges through WEBSTER throughout the term and to check his or her AUM e-mail box regularly for correspondence related to billing statements, due dates and other financial matters.

Payment of all billed charges must be made by each statement's due date to avoid late payment charges. Payments may be made via WEBSTER at www.aum.edu, by mail or by direct delivery to the Cashier Office, 130 Taylor Center. Payments made by mail should allow for delivery on or before the due date. The Cashier Office should be contacted if a statement has not been received within three weeks of incurring a charge. Students may pay by cash, check or credit card (VISA, MasterCard, Discover and American Express).

AUM reserves the right to deny continuing admission and to hold grades and transcripts of students who fail to meet their financial obligations. Reasonable collection costs and charges along with all attorney's fees necessary for the collection of any debt will be charged to and paid by the debtor.

Checks

Checks given in payment of fees and charges are accepted subject to final payment. If the bank on which the check is drawn does not honor the demand for payment and returns the check unpaid, the student will be assessed the handling charge of \$30. The university has the right, but not the obligation, to redeposit any returned check without notice. Any returned check not paid within 10 days will be referred to the District Attorney's Office for collection at the student's expense.

Stop-payment and account-closed checks will be processed as returned items and subject to the same fees and collection costs. A stop payment placed on a check does not constitute withdrawal from courses. Official withdrawal must be made through the Registrar's Office or the school of your major.

Veterans

Veterans enrolled under the federal GI Bill receive allowances directly from the

government and are responsible for paying their fees and charges on the same basis as other students (this does not apply to the Veteran's Rehabilitation Program).

Yellow Ribbon Program Agreement

AUM participates in the Yellow Ribbon Program under the Post-9/11 GI Bill (authorized under title V of Public Law 110-252) subject to the following terms, conditions and representations and applicable VA regulations.

1. Provide contributions to all eligible individuals who apply for such program in the AUM VA Office, regardless of the training rate (i.e., full-time versus less than full-time), during the academic year.
2. Provide contributions on behalf of a participating individual during the current academic year and all subsequent academic years in which AUM participates in the Yellow Ribbon Program, provided that the individual maintains satisfactory progress, conduct and attendance according to the university's prescribed standards.
3. Agree to limit contributions made on behalf of a participant to funds with unrestricted control (e.g., a scholarship sent directly to AUM on behalf of an individual or specific group of individuals from a third party may not be included in Yellow Ribbon Program contributions). Funds received directly or indirectly from Federal sources may not be counted towards contributions.
4. Agree to provide the maximum amount of contributions payable toward the unmet established charges to each participating individual during each term or semester the individual is enrolled. The maximum amount is 50 percent of the individual's unmet established charges.
5. AUM agrees to provide contributions for each Yellow Ribbon Program participant through a university grant.

Tuition and Charges

Current AUM tuition and charges are available online at www.aum.edu.

Registration Cancellation

Student schedules for each term are subject to cancellation if charges are not paid by the specified date. The cancellation process will begin prior to the start of the term and end on the fifth day of classes. The specified dates for cancellation will be posted online at www.aum.edu. It is the student's responsibility to be aware of these dates.

Students receiving financial aid (federal and state aid, scholarships, third party tuition payments, military assistance, PACT, etc.) for the semester at issue will not be subject to cancellation for that portion of the charge covered by financial aid. If partial financial aid is received, students will be subject to registration cancellation. If a student's schedule is not cancelled as a result of financial aid being offered, the student will be responsible for the outstanding balance if the aid is not accepted.

Once a student's schedule is cancelled, accounts must be current before the student will be allowed to re-register. All charges must be paid. Once a student's schedule is cancelled, there is no guarantee the desired courses will be available.

Resignation and Refunds

Students dropping/resigning before regular classes start are eligible for a refund/waiver of all tuition and fees. Students dropping/resigning during the refund period after classes begin will be eligible for a partial refund/waiver. The eligible percentage of refund/waiver depends on the day of drop/resignation.

The only exception to this policy occurs in the case of personal illness or call to active military duty. Supporting written documentation (i.e., medical reports or military orders) is required in both instances. Refunds for medical withdrawals/resignations will be prorated based on the number of class days a student is registered. A full waiver/refund of tuition and fees may be granted if a student is called to active military duty.

Course Waiver/Refund Policy

Full-Term Classes

- 100 percent waiver/refund of tuition and fees if a student drops or resigns through the fifth calendar day of the term.
- 50 percent waiver/refund of tuition and technology fee if a student drops or resigns the sixth through the 21st calendar day of the term.

Half-Term Classes

- 100 percent waiver/refund of tuition and fees if a student drops or resigns through the first two calendar days of the term.
- 50 percent waiver/refund of tuition and technology fee if a student drops or resigns the third through the fifth calendar day of the term.

Tri-Term Classes

- 100 percent waiver/refund of tuition and technology fee if a student drops or resigns through the first two calendar days of the term.

Each course or section of a course is considered to be a separate registration with its own course registration number. Thus, switching from one course to another is a separate registration as is switching sections of the same course.

■ Student Financial Aid

The AUM Financial Aid Office administers programs which provide monetary assistance to students who, without such aid, would be unable to attend the university. Student aid is awarded as a supplement to, not in lieu of, reasonable contributions from parental income, other parental resources and the student's own resources and earnings. The maximum award will not exceed the sum actually needed to supplement these family resources. The university reserves the right to limit awards to prevent award duplication.

Financial Aid funds are applied to each student's account balance for tuition, fees and other institutional charges beginning on the first day of class. Funds

remaining after all charges are paid will be refunded to the student by the Cashier Office. Students earn aid funds through attendance; therefore, students who fail to attend classes in the first three class meetings are subject to cancellation and repayment of funds previously used to pay institutional charges. Students who withdraw from all classes later in the semester may have a pro rata refund of their aid funds returned to federal fund accounts or lenders.

Financial Aid Programs

Loans

Student loan programs provide long-term, low-interest loans for students. Students must enroll at least half-time (4.5 graduate hours) each term in order to qualify. All loans must be repaid.

The **Federal Subsidized Stafford Loan** is based on financial need as well as annual and aggregate loan limits. Funds from this loan are disbursed each term according to the student's award notification and promissory note requirements. Interest on this loan does not accrue during eligible periods of enrollment and stated grace periods.

The **Federal Unsubsidized Stafford Loan** is based on the cost of education as well as annual and aggregate loan limits. Funds from this loan are disbursed each term according to the student's award notification and promissory note requirements. Interest on this loan begins to accrue upon disbursement.

The **Federal Perkins Loan** is based on exceptional need and availability of funds. The loan has an interest rate of 5 percent. Interest begins to accrue and repayment begins nine months after graduation or when a student is no longer enrolled at least half-time.

The **Graduate PLUS Loan** allows graduate students to borrow funds to meet the cost of education not met by other financial aid assistance.

Continuing AUM Students

AUM offers a limited number of Merit Scholarships to currently enrolled students. These scholarships are funded primarily through endowments maintained by the Office of Advancement and Alumni Services. Various departmental scholarships are also available. Scholarships are awarded for one academic year. Students who maintain eligibility must reapply for consideration each year.

Eligibility Criteria for Merit Scholarships

- Must have successfully completed at least 12 GPA credit hours at AUM.
- Must have and maintain a 3.0 or greater overall GPA on work at AUM.
- Complete the application by the priority deadline of March 1.
- Maintain full-time enrollment each term.

Because these scholarships are limited in number, awards are made to only the most qualified applicants who meet the priority deadline of March 1 each year. Scholarships are generally limited to no more than one award per student. AUM merit scholarships are limited to a specific dollar value and may be applied toward full-time tuition, technology fees, activity fees and administrative fees only. Any

scholarship funds remaining after these fees are paid are returned to the scholarship account and are not refundable to the student. The student must pay all fees above the dollar value of the scholarship, including applicable out-of-state charges. To apply, complete the Merit Scholarship Application for Continuing Students found online under Financial Aid at www.aum.edu.

Attendance and Repayment Policy

Attendance monitoring is required by the U.S. Department of Education to support any disbursements made to eligible students receiving federal or state financial aid funds. If you fail to attend a course for which you are registered, your student load may be cancelled.

Faculty will report “no shows” after the first two weeks of class each term and will subsequently post an FA grade for any student who does not withdraw prior to the drop date. Students are encouraged to make sure that faculty members know they are attending early in the term to avoid a “no show” reduction in awards.

Students also should be aware that a total withdrawal (whether official or unofficial) from AUM will require a review of awards and the possible reduction or repayment of funds unearned by attendance. See Return of Title IV Funds.

Return of Title IV Funds

The Return of Title IV Funds Policy applies to all federal financial aid programs, including Pell Grants, Supplemental Educational Opportunity Grants, ACG Grants, Smart Grants, state grants, student loans and parent loans.

Under this federally mandated policy, students who withdraw from all classes will be required to return financial aid funds received that are in excess of “earned” financial aid for the term. The percentage of the semester completed determines the percentage of aid earned. This percentage is calculated by dividing the number of days attended prior to the withdrawal date by the number of days in the semester. For example, if a student withdraws on the 30th day of a semester 100 days in length, the student will have earned 30 percent of the aid received ($30/100 = 0.30$). The “unearned” 70 percent would be subject to the return policy.

Students who remain enrolled at least 60 percent of the term are considered to have earned 100 percent of aid received and will not owe a repayment of federal aid received. Students who withdraw during the initial total refund period at the start of each term are considered to have earned zero percent of aid received and will be required to return all federal and state aid received or paid to their account.

Students considering withdrawing are encouraged to check with the Financial Aid Office prior to withdrawal to discuss options.

Note: Students who have failed to attend any classes in one or more courses prior to withdrawing may be subject to a reduction of awards. Faculty report “no shows” after the third class meeting. Awards paid assuming full-time attendance may be reduced to 3/4 or 1/2 time awards, then the Return to Title IV Funds policy calculation will be made.

■ Educational Benefits for Veterans

AUM is approved by the Veterans Administration to offer educational training and provide certification for G.I. Bill benefits. Veterans planning to attend school and receive G.I. Bill benefits should visit the coordinator of veteran affairs in the Financial Aid Office to complete the paperwork necessary for AUM to submit enrollment certification for benefit payments.

Eligible veterans receive a monthly stipend that can vary according to enrollment level. Graduate students receive full-time benefits if enrolled for at least 9 credit hours, three-quarter time benefits for 6–8 hours and half benefits for at least 3 hours for a standard 15-week term.

When possible, those enrolling and using G.I. Bill benefits to pay for educational costs should have sufficient funds to finance themselves for one semester or at least until payments begin coming from the Veterans Administration (approximately six weeks) after the start of the first term.

For complete information about these programs, please contact the coordinator of veterans affairs at 334-244-3288.

The following regulations will apply to all AUM students who receive veterans' educational benefits:

I. Withdrawal

Students receiving VA educational benefits may withdraw from a course. Training time will be adjusted accordingly if the withdrawal occurs before the deadline for late registration. After that date, a withdrawal with W will be considered the same as audit and VA benefits for that course will be terminated from the beginning of the term. Possible exceptions concerning the payment of benefits may be made where there are extenuating circumstances. Those receiving VA benefits should consult with the coordinator of veterans' affairs before resigning or dropping courses.

II. Satisfactory Progress

Students receiving VA educational benefits are expected to make satisfactory progress toward a degree. Normal standards of progress as stated in this catalog are in effect for all students. To maintain satisfactory progress, the following should be carefully considered:

- A. Develop a close advising relationship with your department adviser.
- B. Take courses essential to your degree program. Veterans or eligible persons cannot receive VA benefits for courses that are not essential to their degree program or for repeating courses in which they already have credit (C grade or better).
- C. A student receiving VA benefits is required to make satisfactory academic progress by maintaining a minimum overall 2.0 GPA on hours attempted at AUM. Students not making satisfactory academic progress as stated above will jeopardize their VA benefits.

III. Certification

Those receiving VA educational benefits must have their attendance certified to the VARO to receive the appropriate remuneration. All VA benefit recipients will be certified/re-certified each semester after

the last day to drop classes for 100 percent refund. It is prudent for all who receive federal VA educational benefits to review their status each semester with the AUM coordinator of veteran affairs to be sure their status is correct. It is the student's responsibility to renew and report his or her correct enrollment status as necessary. Changes in status (dropping or adding courses, dropping out of school and renewing enrollment) must be reported to the AUM coordinator of veteran affairs.

For further information about veterans benefits, visit our financial aid website at www.aum.edu.

■ General University Policies

Equal Opportunity Statement

AUM is an equal opportunity institution. It does not discriminate against students, employees or applicants for admission or employment in any of its programs or activities on the basis of age, disability, race, color, national origin, religion or sex. With respect to students and applicants for admission, AUM has designated responsible individuals to coordinate its efforts to comply with these non-discrimination provisions. Dr. Marc Hall, Department of Management (334-244-3513), coordinates compliance with the disability provisions. The dean of students coordinates compliance with all other non-discrimination provisions. AUM has adopted grievance procedures providing for prompt, equitable resolution of complaints. Students and applicants should contact the associate provost to avail themselves of these procedures.

Accommodation for Individuals with Disabilities

AUM provides reasonable accommodations for environmental and program accessibility for qualified persons with disabilities as defined by Section 504 of the Rehabilitation Act of 1973 and by the Americans with Disabilities Act (ADA) of 1990 and the ADA Amendments Act of 2008. Specifically, the Center for Disability Services coordinates support services for such students and is an accommodation resource for faculty. Specialized services provide students with disabilities complete access to all academic and campus programs. Eligibility for services requires documentation of the disability. Students with disabilities or applicants for admission who need accommodations or modifications in policies, practices or procedures must register with the Center for Disability Services (334-244-3631) and provide any requested documentation.

Drug-Free Campus and Workplace Policy

The unlawful manufacture, distribution, dispensation, possession or use of illicit drugs or alcohol by students or employees is prohibited at any time on any university property or at any university activity. No employee who is impaired by an illegal drug or by alcohol will report for work or will work or be present in the workplace. No student impaired by illegal drugs or alcohol will attend classes or any university activity.

The university will impose sanctions (consistent with local, state and federal

law) upon all employees and students who violate these standards of conduct. Sanctions may include, but are not limited to, the following:

- Referral for prosecution
- probation, suspension or expulsion of students
- Suspension or termination of employees

The complete Drug-Free Campus and Workplace Policy can be found in the student handbook, the *Aumanac*.

Harassment Policy

Harassment of students on the basis of race, color, religion, national origin, age or disability is strictly prohibited. AUM is firmly committed to providing an environment that is free of discrimination, including sexual harassment. Sexual harassment includes unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when:

- Submission to such conduct is made, either explicitly or implicitly, a term or condition of an individual's employment or academic evaluation;
- Submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting such individual; or
- Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or of creating an intimidating, hostile or offensive working or educational environment. Such behavior may violate federal laws and/or give rise to personal liability for the results of such behavior. Consequently, AUM prohibits all forms of sexual harassment and will investigate complaints thoroughly and with the utmost seriousness.

Students who believe they have been a victim of discrimination or harassment should report the incidents to dean of students, 334-244-3960. A violation of this policy shall result in the taking of disciplinary action up to and including discharge.

Civil Rights Compliance

AUM is an equal opportunity/equal access educational institution and operates without regard to race, sex, color, age, religion, national origin, disability or veteran status. The university complies with the regulations of Titles VI and VII of the Civil Rights Act of 1964, the Age Discrimination Act, the Age Discrimination in Employment Act, Title IX of the Education Amendments of 1972, Sections 503/504 of the Rehabilitation Act of 1973, the Vietnam Era Veterans Readjustment Assistance Act and the Americans with Disabilities Act of 1990. Any employee wishing to file a complaint covered by the above should contact the EEOC/affirmative action officer in the Human Resources Office, 705 Library Tower, at 334-244-3253 between 8 a.m. and 5 p.m. Monday through Friday. Any student wishing to file a complaint covered by the above should contact the dean of students, 157 Taylor Center, at 334-244-3620 between 8 a.m. and 5 p.m. Monday through Friday.

Equal Employment Opportunities

It is the policy of AUM to provide equal employment opportunities for all individuals without regard to race, sex, age, religion, color, national origin, disability or veteran status. Anyone wishing to file a complaint covered by the above should contact the EEOC/affirmative action officer in the Human Resources Office, 705 Library Tower, at 334-244-3253 between 8 a.m. and 5 p.m. Monday through Friday.

Smoking

Smoking of tobacco in AUM facilities is prohibited except where signs are posted indicating otherwise. The complete smoking policy can be found in the student handbook, the *Aumanac*.

Weapons

AUM prohibits the possession, use and transportation on university properties of any dangerous or potentially dangerous weapons, including fixed-blade knives, shotguns, rifles, handguns, bows and arrows, crossbows, brass knuckles, air guns, swords and fireworks or explosive devices. The complete weapons policy can be found in the student handbook, the *Aumanac*.

Student Educational Records Policy

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

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, dean, head of the academic department or other appropriate official, a written request identifying the record(s) they wish to inspect. The university official will make arrangements for access and notify them of the time and place where the record(s) may be inspected. If the record(s) is not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the education records that the student believes is inaccurate, misleading or otherwise in violation of the student's privacy rights under FERPA. A student may ask the university to amend a record by writing to the university official responsible for the record, clearly identifying the part of the record the student wants changed and specifying why it should be changed. If the university decides not to amend the record as requested, it will notify the student in writing 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 for the student's education records, except to the extent that FERPA authorizes disclosure without consent.

- a. The university, without consent, discloses records to school officials with legitimate educational interests. A school official is defined as a person employed by the university in an administrative, supervisory, academic or research or support staff position (including law enforcement and health staff); a person with whom the university has contracted as its agent to provide a service instead of using university employees or officials (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee or assisting another school official in performing his or her tasks. A school official has a legitimate education interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the university.
- b. At its discretion, Auburn University at Montgomery may provide "directory information." Directory information is defined as that information which would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at AUM includes the following:
 - i. Student's name
 - ii. Address
 - iii. Telephone listing
 - iv. Electronic mail address
 - v. Photograph
 - vi. Date and place of birth
 - vii. Major field of study
 - viii. Dates of attendance
 - ix. Grade level
 - x. Enrollment status (e.g. undergraduate or graduate, full-time or part-time)
 - xi. Participation in officially recognized sports
 - xii. Weight and height of members of athletic teams
 - xiii. Degrees, honors and awards received
 - xiv. Most recent educational agency or institution attended
- c. Students may block the public disclosure of directory information by notifying the Registrar's Office in writing.
 - i. Please consider very carefully the consequences of a decision to withhold directory information. A non-disclosure block will call for AUM not to release any of this "directory information;" thus, any future request for such information from non-institutional persons or organizations will be refused. AUM will honor your request to withhold directory information but cannot assume responsibility to contact you for subsequent permission to release this information. Regardless of the effect upon you, AUM assumes no liability as a result of honoring your instructions that such informa-

tion be withheld. Although the initial request may be filed at any time, request for non-disclosure will be honored by the university until removed, in writing, by the student.

- d. Upon request, the university may also disclose education records without consent to officials of another school in which a student seeks or intends to enroll.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The office that administers FERPA is:
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5920

■ General Information

Medical Treatment for AUM Students

The AUM Student Health Services is available for students seeking treatment for minor medical problems. Preventive services are also offered. Student Health Services is located in Room 102 of Moore Hall, in the School of Nursing building. Students are asked to present their current student ID when they present for treatment. Medical problems are treated at a base cost of \$5 for students and additional services (i.e., physicals, vaccines) are available at additional costs. In rare instances, students may need to be referred to an emergency room or the physician of their choice at the student's expense.

The AUM Student Health Services is open from 8 a.m. until 5 p.m. Monday through Friday and appointments are available at set times when classes are in session. Students are encouraged to make appointments by calling 334-244-3281.

Health insurance is highly recommended to all students attending AUM to cover accidents and emergency illnesses. If you are not covered under an insurance program you are encouraged to participate in the voluntary low-cost student health insurance program available to enrolled AUM students. Call the Office of Student Affairs at 334-244-3620 for more information. TDD users may call 334-244-3801. Please note: At this time, Student Health Services is only able to accept cash or checks as forms of payment.

Student Government Association

The Student Government Association (SGA) is composed of AUM students of all majors and rankings. Each enrolled AUM student is a member of the Student Government Association, which is the official governing body of the students. The SGA serves the university by representing the entire spectrum of the student body, organizing and directing student concerns through proper channels, and working to provide students with the resources they need to succeed. Through the SGA, students are involved in the decision-making process of the university. In addition, the SGA cultivates students to become successful peer leaders by promoting

academic and social engagement of AUM students. The SGA works in partnership with many university and community committees and organizations and encourages student involvement in student activities and campus initiatives.

Additional information about the Student Government Association can be found on the SGA webpage on the AUM website, or by contacting the SGA Office at 334-244-3566.

Athletics

AUM offers a comprehensive program for student athletes who wish to participate in intercollegiate athletics. Men's varsity sports include baseball, basketball, soccer and tennis. Women's varsity sports include basketball, soccer, softball and tennis.

AUM men and women participate in the Southern States Conference (SSAC) under the direction of the National Association of Intercollegiate Athletics (NAIA).

Intramurals

AUM offers a diverse intramural program. Students may choose to participate in basketball, coed softball, flag football and various other athletic and non-athletic competitions for both men and women. For more information, call 334-244-3933.

Auburn Montgomery Alumni Association

The Auburn Montgomery Alumni Association was established in 1979 and currently has more than 30,000 alumni. When you join the Auburn Montgomery Alumni Association, you are in good company. You are part of a group of friends and family who play a vital role in making Auburn Montgomery an even stronger university. The alumni association has awarded more than \$200,000 in scholarships and also funds a professorship that recognizes and helps retain dedicated, exceptional professors.

All former students, alumni and friends of the university may join the association as either an annual member for \$35 or lifetime member for \$500 (this may be paid at once or given over a five-year period). Student memberships are also available at a discounted rate. In addition to membership, your annual fund participation helps the university meet unrestricted needs, provide scholarships and enhance educational programs.

Your membership supports Auburn Montgomery and its programs but members benefit also. Members may participate with Auburn Montgomery friends in events that bring the family closer together and also receive these advantages:

- Access to the Auburn University and Auburn Montgomery Alumni Hospitality Tent, which offers food and entertainment during the Auburn football season. The tent opens three hours prior to every home game, and is free to all members.
- Job placement and résumé assistance from Auburn Montgomery Career Development Center.
- Access to the Auburn Montgomery Library.
- Use of on-campus computer labs for Internet access and software programs.

- A \$10 discount on Continuing Education courses.
- A 10 percent discount at the Auburn Montgomery bookstore, including textbooks.
- Half-price admission to Auburn Montgomery sporting events.
- Free admission for you and a guest to Theatre AUM productions.
- Access to the Auburn Montgomery gym.
- The opportunity to carry Bank of America's Auburn Montgomery Affinity credit card, which generates funds for association programs.

For more information regarding the alumni association please contact the following:

Auburn Montgomery Office of Advancement
75 TechnaCenter Drive
Montgomery, Alabama 36117
334-244-3369 (Office)
334-244-3837 (Fax)
E-mail: alumni@aum.edu
Website: www.aum.edu/alumni

■ Student E-mail Policy

At Auburn Montgomery, e-mail is the official medium for communicating with students. All students are responsible for checking their AUM issued e-mail accounts in a timely fashion and on a regular basis. The official e-mail system for students is identified by username@aum.edu and can be accessed via the AUM website.

■ University Academic Regulations and Policies

Students must comply with regulations and follow procedures prescribed by the university. Regulations relating to registration, class attendance, grading system, examinations, degree requirements, honors and other academic matters are presented in the following pages. It is the student's responsibility to comply with his or her specific program requirements. Please see an adviser in the school of your major for specific program requirements.

The university reserves the right to change or modify the curriculum, admission standards, course content, degree requirements, regulations, tuition or fees at any time without prior notice. The information in this catalog is not to be regarded as creating a binding contract between the student and the university.

Catalog of Concern

A student will be bound by the program requirements published in the catalog in effect at the time of his or her first registration at the university and in consideration of his or her valid admission to a program unless:

1. The student has not attended AUM for a period of one continuous calendar year, in which case the catalog in effect at the time of the student's return and registration will be the catalog of concern;

2. The university changes program requirements while the student is attending, in which case the student will be given the option of choosing which program requirements he or she desires to pursue (either those of the initial catalog of concern or those of the new program);
3. The student decides to change program and/or major, in which case the catalog in effect at the time of the change will be the catalog of concern.

Administrative Holds

A student may be denied the opportunity to register or make schedule adjustments, use university facilities or be issued an official transcript, statement of credits or diploma if he or she has been identified as having significant academic deficiencies, is in default or is identified as being in default on any payment, has not submitted required documents, has not met Discipline Committee sanctions or is otherwise in default by virtue of fees or property owed to the university or any of its schools or divisions. Administrative holds may be placed on students by units such as the provosts office, admissions, bookstore, cashier, financial aid, housing, library, registrar or campus police.

Advising

It is the student's responsibility to meet with his or her academic adviser and/or graduate coordinator for guidance in selecting courses that comply with his or her specific program requirements. It is the student's responsibility to ensure that degree requirements are met.

Attendance

Students are expected to attend punctually every lecture, laboratory exercise and other classroom activity. Each instructor can indicate additional attendance requirements in his or her syllabus. Attendance verification is required for the first three classes to comply with federal financial aid requirements. Instructors must also report the "last date attended" for students who stop attending class and do not complete the withdrawal process. The complete class attendance policy can be found in the student handbook, the *Aumanac*.

Auditing Privilege

The privilege of auditing courses is restricted. Auditing of a lecture course or the lecture part of a combined lecture and laboratory course may be granted with the approval of the student's dean and the head of the department in which the course is offered. The auditing privilege is rarely permitted in laboratory or combined lecture and laboratory courses.

Auditors must complete the regular admission and registration process. They are listed on class rolls, but they are not required to participate in classroom discussions, take tests or final examinations or make reports. However, regular attendance at class meetings is required. The grade of AU (Audit) is awarded to those meeting the above requirements. The grade of NR (No Grade Reported) is assigned for those not meeting the attendance requirement. Auditors who have not been admitted to the university must apply through the Office of Admissions.

Auditors who are not regularly enrolled students will register on the last day of the final registration period. A fee will be charged for auditing a course. Regularly enrolled students carrying 12 hours or more and members of the faculty and staff may audit lecture courses without payment of the auditing fee with approval of the head of the department in which the course is offered and the dean; however, the regular registration process must be completed.

ID Card

Each student must have an AUM ID (identification) card. ID cards may be obtained through the bookstore, 334-244-3578.

Registration

Every student is required to be registered at AUM when taking course work, in the term of graduation, in any term in which the student is clearing an Incomplete grade, when working on a graduate thesis, when engaged in any other endeavor relating to normal progress as a student or when use is made of the instructional staff and/or facilities of the university.

A student is considered registered when his or her class schedule is entered into the Banner system. A student is responsible for all tuition and fees at this point. If a student wishes to resign or withdraw from all or any of the courses, he or she must follow the procedures for resignation/withdrawal identified in this catalog.

Late Registration

After the date specified in the AUM calendar as the last day for final registration, a late registration fee will be charged.

Schedule Adjustment

Add: A student may add a course prior to the second meeting of a traditional class. (Traditional classes are those that meet twice a week.) Any additions to the student's schedule after the second class meeting must be approved by the head of the department in which the course is offered. No student will be permitted to register after the day identified as the last day for refunds in the applicable term.

Resignation: Resignation occurs when a student withdraws from all courses for which he or she is registered. If a student resigns prior to the day identified as the fifth day of classes, the courses will be deleted from the record. Resignation after classes have started on the sixth day will result in a student receiving a grade of W (Withdrawal).

The deadline for withdrawing from a course is specified in the academic calendar. In order to withdraw before the deadline, a student must complete the process in the school of his or her major/adviser. After the last day for refunds, a grade of W will be recorded on the student's official academic record.

When a student, as a result of exceptional or emergency circumstances, is forced to withdraw from a course after the withdrawal date for the term, he or she may petition, in writing, the dean of the school in which the course is offered for

a grade of W. A student may not withdraw from a course after the deadline if he or she is failing. The dean will contact the student's instructor to determine the student's scholastic standing at the time of the request to withdraw.

Examinations and Grades

Examinations are classified as final examinations, which occur at the end of each term; special examinations; and other course examinations as determined by the instructor. A student absent from an examination for any reason other than personal illness must obtain the permission of the instructor prior the absence in order to take the examination at a later time. Grades in all subjects are reported to the student at the end of each term through WEBSTER.

■ Scope of Graduate Programs

AUM currently offers the following graduate degrees: the Master of Public Administration (M.P.A.); Master of Business Administration (M.B.A.); Executive Master of Business Administration (E.M.B.A.); Master of Political Science (M.P.S.); Master of Education (M.Ed.); Alternative Master of Education (M.Ed.); Master of Science in Justice and Public Safety (M.S.J.P.); Master of Science in Psychology (M.S.PG.); Master of Liberal Arts (M.L.A.); Master of Arts in Sociology (M.A.); Master of Science in Sociology (M.S.); and Education Specialist (Ed.S.). AUM offers a joint Masters of Science in Nursing (M.S.N.) with Auburn University.

AUM offers one joint doctoral program with Auburn University: the Doctor of Philosophy (Ph.D.) in Public Administration and Public Policy.

The **Master of Public Administration** (accredited by National Association of Schools of Public Affairs and Administration) is offered through the School of Sciences. The objective of the Public Administration program is to provide those currently in public service and those seeking to enter public service with a broad education that will prepare them for general administrative positions at the municipal, state and national levels.

The **Master of Business Administration** program (accredited by the Association to Advance Collegiate Schools of Business - International) is administered through the School of Business and is designed to prepare the student for administrative positions in business, government and other organizations. The program of study consists of graduate courses based on a common core of subjects that examines the functions of the executive and the environment of the administrator. Beyond this core, the student may choose to study in some depth any of a number of particular fields of business administration and economics. The **Executive MBA** is an accelerated, one-year version of the program.

The **Master of Education** and the **Education Specialist** degrees (accredited by the National Council for the Accreditation of Teacher Education) are offered by the School of Education. The programs are designed primarily for elementary and secondary teachers, school counselors and school administrators.

The **Master of Political Science** is available to students who desire a degree with broader disciplinary scope than public administration. Current courses emphasize American politics, comparative government and international relations.

The **Master of Science in Justice and Public Safety** is offered in the School of Sciences for students interested in professional careers in justice and the public safety field. Three options are available: Criminal Justice (MJP); Judicial Administration (MJL) (approved by the American Bar Association); Homeland Security and Emergency Management; and Executive Master's in Justice and Public Safety, (at Redstone Arsenal, Huntsville, Alabama). These programs prepare personnel for leadership roles with the police, courts, corrections and other justice and public safety agencies.

The **Master of Science in Nursing** is a joint program offered by Auburn University and AUM. This program focuses on the teaching/learning process as it relates to nursing students, patients and their families and health care providers. Graduates of this program possess advanced knowledge of educational principles for diverse populations and the roles of the clinical nurse specialist in adult health.

The **Master of Science in Psychology** is offered through the School of Sciences. The goal of the program is to provide advanced preparation for careers in psychology and related fields. Individuals interested in pursuing doctoral studies will have the opportunity to gain academic and research experiences. Those who want to be involved in the delivery and administration of psychological services will have the opportunity to learn practical skills.

The **Master of Liberal Arts** is administered through the School of Liberal Arts. Interdisciplinary in nature, this program requires a concentration in at least two areas of the humanities and an exploration of the diversity of perspectives on the human experience represented in art, drama, history, literature, communication, music, philosophy and sociology.

The **Master of Arts in Sociology** and **Master of Science in Sociology** degrees are offered through the interdepartmental program of the Auburn University Department of Sociology, Anthropology and Social Work; the Auburn University Department of Agricultural Economics and Rural Sociology; and the AUM Department of Sociology. The shared program of intermediate level studies in sociology and anthropology is intended for persons interested in pursuing advanced doctoral degrees elsewhere or preparation for general administrative positions in a variety of private, state and national career fields in public health, welfare, community and human resources. The degrees are offered in thesis and non-thesis options.

The **Master of International Relations** is offered through the Department of Political Science and Public Administration in cooperation with Maxwell Air Force Base. The degree emphasizes contemporary international politics, American foreign policy, national security policy, comparative government and area studies. Classes meet in facilities provided by the United States Air Force.

The **Doctor of Philosophy in Public Administration and Public Policy** is offered jointly by the Auburn University Department of Political Science and the AUM Department of Political Science and Public Administration. This degree is intended for students who want to develop the capacity to perform advanced research in public administration. This research orientation is consistent with National Association of Schools of Public Affairs and Administration policies.

AUM participates in the **Doctor of Audiology** program offered by Auburn

University. Interested students should contact the director of the AUM Speech and Hearing Clinic for application materials and further information.

■ Admission Requirements

Graduation with a bachelor's degree or its equivalent from an accredited college or university is a requisite for admission to master's level study in the graduate program. The undergraduate preparation of every applicant for admission must satisfy the requirements of a screening committee in the school where the master's work will be completed. The Ph.D. in Public Administration and the Ed.S. require a master's degree.

Applicants for admission to the graduate programs must submit to the AUM Office of Graduate Studies a formal application, official transcripts of all previous college level work and scores on an admission test required by the applicant's department. The following entrance examinations are specified by the schools:

- A. The School of Education (all departments) requires either the general section of the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT).
- B. The School of Business (Master of Business Administration and Executive Master of Business Administration) requires the Graduate Management Admissions Test (GMAT).
- C. The School of Sciences the following:
 1. The general section of the GRE or the MAT for the Master of Public Administration and the Master of Political Science. The Ph.D. in Public Administration requires the general section of the GRE.
 2. The general section of the GRE or the MAT for the Master of Science in Justice and Public Safety.
 3. The Miller Analogies Test is the preferred examination for the Master of Science in Psychology. The GRE can be considered an alternate test for admission into Psychology.
 4. A one-page letter of intent, two letters of recommendation.
- D. The School of Nursing requires the GRE.
- E. The School of Liberal Arts requires the general section of the GRE or the MAT for the Master of Liberal Arts.

There are time limits for entrance examination scores. The MAT, GRE and GMAT can be considered if not over 5 years old.

When all relevant documents have been collected by the Office of Graduate Studies, the applicant's file will be transmitted to the graduate coordinator of the school offering the program for which the prospective student has applied. The graduate coordinator forwards the applicant's file to the appropriate departmental screening committee. For those applying to the Ph.D. in Public Administration, the joint campus committee is the screening committee. Due to the dual campus nature of the Ph.D. program, applicants must meet the graduate admission requirements of the Auburn University Graduate School.

The screening committee will consider the applicant's undergraduate academic

record and scores on the required graduate entrance examination. The screening committee may request an interview with the applicant to further aid in the evaluation.

The screening committee uses a formula that weighs the undergraduate academic average and a graduate entrance examination score. On the basis of the formula and the other considerations enumerated above, the committee may recommend admission or denial of the applicant or may recommend that validating work be done before deciding on admission.

If the screening committee determines that the applicant is likely to be successful, the student is notified of his or her classification status and may begin attending AUM as a provisional or fully admitted graduate student.

Applications for admission to the graduate program should be received by the AUM Office of Graduate Studies four weeks prior to the beginning of the semester in which the student expects to begin work. Official transcripts from all institutions previously attended must be forwarded via the U.S. Postal Service from the appropriate registrar directly to the AUM Office of Graduate Studies.

Admission of International Students

AUM welcomes admission inquiries from international students. If an international student wishes to apply for admission to a graduate program, he or she should begin the process immediately. After a full evaluation, the prospective student will be notified of the admission decision. If the international student is currently in the United States, he or she must be “in status” according to U.S. immigration regulations before AUM can process the application. The following documents are required for an evaluation (those students requiring the issuance of an I-20/F-1 visa have additional requirements identified below):

1. A Graduate Application for Admission accompanied by a non-refundable \$25 (U.S. dollars) application fee; and
2. Official transcripts from all schools previously attended (college level only); these transcripts, if not in English, must be translated into English by an official translation service (Note: Please submit course content descriptions of any courses for which you wish to receive transfer credit); and
3. A course-by-course evaluation by a recognized, expert service or qualified AUM individual(s) in the field of foreign credential evaluations and international admissions. Please contact the Office of International Educational Services for a list of approved credentials evaluators.

Exceptions:

- a. Students enrolling in programs which are included in a contract between AUM and a foreign government/institution and/or U.S. military organization.
- b. International students who have a bachelor’s or master’s degree from an accredited U.S. college or university.
4. Satisfactory completion of any one of the following:
 - a. The Test of English as a Foreign Language (TOEFL). The minimum

acceptable score for admission is 500 for paper-based testing (including the Auburn or AUM Institutional TOEFL), 173 for computer-based testing and 61 for Internet-based testing. The TOEFL results should be sent directly to the international admissions officer by the testing agency and must not be more than 2 years old.

- b. The International English Language Testing System (IELTS) test. The minimum acceptable score for admission is 5.0. IELTS results should be sent directly to the international admissions officer by the testing agency and must not be more than 2 years old.
- c. Michigan English Language Assessment Battery (MELAB). The minimum acceptable score for admission is 69. MELAB results should be sent directly to the international admissions officer by the testing agency and must not be more than 2 years old.
- d. Completion of an Auburn University at Montgomery English as a Second Language (ESL) program along with certification by the director of the ESL program that the student has achieved sufficient English proficiency for college level academic courses.
- e. Special International Student Admissions Committee: When an applicant does not meet the established AUM admissions criteria (including, but not limited to test, scores reflecting English language proficiency) for a first-year, transfer or graduate student but has demonstrated potential for successful college work, the international admissions officer may refer him or her to the Special International Student Admissions Committee. This group is comprised of educators with extensive experience with international students and will include a faculty representative from the student’s prospective school of study. The committee’s primary charge is to evaluate the applicant’s potential for success at AUM, based on his or her current command of the English language and other factors important to student success. In order to make a recommendation, the group reviews and thoroughly discusses each applicant’s test scores, classroom accomplishments and interview performance. All applicants in this category must interview with the Special International Student Admissions Committee, which may recommend full university admission to the international admissions officer.

Students who fit into any one of the following categories are exempt from requirement #4.

- a. Students enrolling in programs included in a contract between AUM and a foreign government/institution and/or U.S. military organization.
- b. International students who have satisfactorily completed a bachelor’s or master’s degree at an accredited U.S. college or university.
- c. International students who have satisfactorily completed the equivalent of a bachelor’s or master’s degree in a country or institution where English is the primary language and international students who

- have satisfactorily completed the equivalent of a U.S. secondary diploma or have satisfactorily completed the equivalent of AUM English composition requirements in a country or at an institution where English is the primary language. Countries included in this exception are Anguilla, Antarctica (British), Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Bophuthatswana, Botswana, Brunei, Canada, Cayman Islands, Channel Islands, Ciskei, Cyprus, Dominica, Ireland, Falkland Islands, Fiji, Gambia, Ghana, Gibraltar, Grenada, Guyana, India, Indian Ocean Territories (British), Jamaica, Kenya, Kiribati, Lesotho, Liberia, Malawi, Malta, Mauritius, Namibia (South West Africa), Nauru, New Zealand, Nigeria, Pakistan, Papua New Guinea, Philippines, Sierra Leone, Singapore, Solomon Islands (British), South Africa, Sri Lanka, St. Lucia, St. Vincent, Swaziland, Transkei, Tanzania, Tobago, Tonga, Trinidad, Tuvalu, Uganda, United Kingdom, Venda, Virgin Islands (British), Vatican City, Western Samoa, Zambia and Zimbabwe (Southern Rhodesia).
- d. International students who have scored at least 488 on paper-based TOEFL or 57 on Internet-based TOEFL can be admitted into AUM, but they will take a combined load of undergraduate courses, including appropriate English as a Second Language (ESL) courses. Students will continue with ESL courses until they meet any one of the criteria listed in 4. a. through e.
 5. Satisfactory results on one of the graduate entrance examinations: The School of Business requires a minimum score of 400 on the General Management Aptitude Test (GMAT). The Schools of Education, Liberal Arts and Sciences require either the general section of the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT).
 6. Specific academic programs might have additional requirements for admission. Contact individual schools for school-specific admission requirements for their respective degree programs.

Note: Students who do not meet the TOEFL and/or any other requirement for full admission to an AUM academic program may apply for admission to the AUM English as a Second Language (ESL) program. Please visit the AUMESL website for application information: (www.aum.edu/indexm_ektid2384.aspx)

International Students Requiring the Issuance of an I-20/F-1 Visa

International graduate students who will be attending AUM on an I-20/F-1 (student) visa, including those transferring from another accredited U.S. college or university, must meet all of the requirements identified above and also provide the following documentation:

1. Evidence in the form of a notarized or certified letter from a bank or other financial institution of sufficient financial resources to meet college expenses for the first year of study. If a sponsor's account is used, a letter from the sponsor stating the intent to assist with the student's educational

- expenses is also required. International students will be required to pay non-resident tuition.
2. Proof of Health and Repatriation Insurance. If the student does not have Health and Repatriation Insurance, he or she must purchase and maintain such coverage while attending AUM. AUM's Office of the Provost can provide information regarding the coverage. For more information about the Auburn/AUM Student Insurance Plan visit www.UHCSR.com.

Admission Process

1. All documentation for issuance of I-20s and/or admission must be received in the AUM Office of International Education Services at least 30 days prior to the beginning of the term for which the student wishes to enroll.
2. If the evaluation indicates the student can be admitted to AUM, he or she will be sent an acceptance notice and an I-20 (if appropriate). A student who receives the I-20 should complete the student section of the form and present it to an American consulate in his or her country. (NOTE: F-1 international students may not be granted Provisional Admission or Probationary Admission classification. Students must be fully admitted to graduate school to enter the United States.)
3. If the student is a transfer student from a U.S. college or university or desires to change his or her course of study at AUM (including attaining a second or higher degree), the student must be issued a new I-20.
4. If the evaluation indicates that the student requires prerequisite undergraduate course work, an I-20 can be issued for that particular purpose. Once the student has satisfactorily completed the prerequisite work, another I-20 can be issued for the graduate program.

Enrollment Policies

An international student on an I-20/F-1 visa must attend AUM on a full-time basis in the program identified on the I-20. Full-time enrollment applies to undergraduate, graduate and English as a Second/Foreign Language programs. In addition, academic degree students must attend AUM for the fall and spring semesters during the year in order to remain in current status with U.S. immigration regulations. English as a Second/Foreign Language students must attend AUM for four consecutive ESL terms during the year in order to remain in current status with U.S. immigration regulations.

Employment Policies

The student issued an I-20 may accept employment at AUM without prior approval from the U.S. Immigration Service as soon as he or she is enrolled in a full-time program at AUM. On-campus employment undertaken pursuant to the terms of a scholarship, fellowship or assistantship is considered to be part of a student's program of study if the student is in good academic standing and is enrolled in a full-time course of study. On-campus employment is limited and should not be

relied upon to assist the student financially while attending AUM. In addition, on-campus employment is limited to a maximum of 20 hours per week when school is in session and also limited to employment performed on the school's premises.

Off-campus employment is specifically prohibited during the first two semesters of continuous, full-time enrollment in F-1 student status. After the first year, an F-1 student may apply for Optional Practical Training (OPT) or Curricular Practical Training (CPT). Employment must be directly related to the field of study and for CPT must be an integral part of the student's curriculum. A student may also apply for economic hardship work permission, which requires demonstration of economic necessity due to unforeseen circumstances arising subsequent to arrival in the United States. In all cases, the student must be in good academic standing and must demonstrate that acceptance of employment will not interfere with a full-time course load.

Responsibility

It is the international student's responsibility to ensure that he or she is in status in accordance with U.S. immigration regulations and that the I-20 has the necessary signature each time the student desires to temporarily leave the United States.

■ Alabama and Non-Alabama Student Policy

For the purpose of assessing fees, applicants are classified as Alabama or non-Alabama students. Non-Alabama students are required to pay nonresident tuition.

An Alabama student is defined as a citizen of the United States or a resident alien who has resided and had habitation, home and permanent abode in the state of Alabama for at least 12 months immediately preceding current registration. In applying this regulation, "applicant" shall mean a person applying for admission to the institution if the applicant is married or 19 years of age and financially independent. Otherwise, it shall mean his or her parent(s) or legal guardian. If the parents are divorced, residence will be determined by the residency of the parent to whom the court has granted custody.

A person who establishes a guardianship for the purpose of avoiding non-Alabama fees will be subject to nonresident tuition. No person who moves to Alabama for the primary purpose of attending college shall be considered to have demonstrated intent to establish domicile in the state of Alabama and generally will not be considered eligible for classification as a resident student. Clear and convincing evidence to the contrary must be presented to overcome this presumption.

In determining Alabama student status for purposes of assessing fees, the burden of proof is on the applicant.

Additional Persons Eligible for Resident Tuition

1. U.S. military personnel on active duty stationed in Alabama and their spouses and dependent children (as defined by Internal Revenue codes), as well as military personnel whose home of record is Alabama, who have continuously filed Alabama income tax returns for the duration of

- their service and their spouses and dependent children.
2. Nonresident undergraduate students who have been awarded full academic, or other similar performance tuition scholarships by AUM and graduate students appointed on assistantships of at least one-fourth time.
3. Full-time employees of a state of Alabama agency or institution and their spouses and dependent children.
4. Spouse and dependent children of a nonresident, provided the nonresident has been employed in Alabama full-time for at least 12 consecutive months prior to registration, has filed an Alabama income tax return for the tax year prior to the year in which the student is admitted and did not claim a credit on the Alabama return for income taxes paid to another state.
5. Nonresident students enrolled in programs included in the Southern Regional Education Board Academic Common Market, provided the students do not change to another program not included. In such cases of change, the students will be classified as nonresidents for tuition purposes.
6. Persons whose spouses by legal marriage are bona fide Alabama residents.
7. Spouses and dependent children of persons who establish domicile within the state of Alabama, provided that the person who establishes domicile is employed full-time in a permanent position in Alabama.

Initial Determination of Eligibility

In order to be initially classified as eligible for resident tuition, students must demonstrate they or their parent, guardian or spouse qualify for one of the eligibility categories prior to the first day of class. A signed statement is required, attesting that qualification for the eligibility category claimed has been met prior to registration.

Change in Eligibility for Resident Tuition

Students determined to be eligible for resident tuition will maintain that eligibility upon re-enrollment within 12 months of their most recent enrollment unless there is evidence the student subsequently has abandoned resident status (for example, registering to vote in another state). Students failing to re-enroll within 12 months must establish eligibility upon re-enrollment.

Students initially classified as ineligible for resident tuition will retain that classification for tuition purposes until they provide clear and convincing evidence that they have established permanent domicile in Alabama. The burden of proof rests on those requesting change. Evidence relevant to an initial determination of eligibility is also relevant to establishing a change in eligibility.

Nonresident students who carry a full academic load (9 or more hours per term) will be presumed to be in the state of Alabama primarily for the purpose of gaining an education and, thus, have not demonstrated the intent to establish a true domicile in Alabama. Clear and convincing proof may overcome this presumption, but again, the burden of proof rests on those requesting the change. Any change in resident tuition eligibility occurring during an academic term will not become effective until the registration for the succeeding term.

The following types of evidence may contain data to establish 12-month residency in the state of Alabama. In all cases the person must be at least 19 years of age or married and financially independent. Otherwise, the person's residency will be based on that of the parent or guardian.

1. Ownership or rental of residential property in the state of Alabama and continuous occupation thereof on an extended term of not less than 12 consecutive months.
2. Full-time permanent employment in the state of Alabama.
3. Possession of state of Alabama licenses required to do business or practice a profession in Alabama.
4. Legal marriage to a bona fide Alabama resident.
5. Registration to vote in the state of Alabama.
6. Filing of Alabama resident income tax returns.
7. Holding of a current Alabama driver's license.
8. Registration of a vehicle in Alabama and payment of property taxes thereon.
9. Evidence of banking activity within the state of Alabama for 12 consecutive months prior to making application for residency change.

The registrar will determine whether a student is classified as an Alabama or non-Alabama student. The decision of the registrar is subject to review by AUM's chancellor or his designated representative, upon written request of the applicant.

■ Student Classification

Classification GR: Full admission to graduate program for the purpose of earning a master's degree. The Auburn University classification is MST.

Classification PB: Academic probationary classification. Student does not satisfy all admission requirements and is admitted for 12 semester hours of specified provisional work. If an average of 3.0 is achieved in those 12 hours, the student is given full admission. The 12 hours of work will apply to the degree requirements. Failure to meet the 3.0 average in the 12-hour period will result in denial of full admission to the program. A registration hold is placed on students with a probationary classification for monitoring purposes. The PB classification will be used for a returning student who has been released due to grade deficiency. Upon returning to do validating work or to prove his or her capability to do graduate work, the student will be issued a PB. If the student does not obtain a 3.0 GPA in 12 semester hours, the student is released from graduate study.

Classification PV: Administrative provisional classification. Certain documents are missing (e.g., admission test scores, transcripts or teach-

ing certificate). Normally, the student must remove the PV classification within the first term of graduate work in order to register for the second term. A registration hold is placed on all students with a provisional classification. (Note: The School of Business has limited use of this classification. All business students must complete the GMAT before they can be admitted to graduate study.)

Classification UN Student holds master's degree from an approved institution.
Non-candidate Status: The UN classification is used only for validating purposes. Courses taken as a UN shall not apply for degree credit. Upon completion of successful validation, the department head and departmental screening committee shall review the work to determine the assignment of an appropriate classification.

Classification PV-Ed.S.: Provisional classification in the graduate program for the purpose of earning an Ed.S. degree.

Classification GR-Ed.S.: Full admission to the graduate program for the purpose of earning an Ed.S. degree.

Classification PUB: Full admission to the joint Ph.D. program in Public Administration. The Auburn classification is PUB.

Classification TR: Transient status. A student is assigned a TR classification when he or she is enrolled at another campus but is attending AUM for the purpose of acquiring credit that will be transferred back to his or her home campus. The TR is used for both graduate and undergraduate students.

■ Graduate Program Requirements

Graduate programs have varying amounts of minimum credit required for graduation. (See appropriate section of this catalog for specific departmental requirements). All programs are designed to provide students with the depth of knowledge, skills, theoretical insights and leadership necessary for responsible positions in government, business or education. All graduate work taken to satisfy degree requirements may be completed on a full-time or part-time basis.

A foreign language is not required for completion of the master's degree and Ed.S. degree. The M.L.A. has a thesis requirement and the programs of Justice and Public Safety, Psychology and Education each have a thesis option. All programs require satisfactory completion of the appropriate comprehensive examination or evaluation prepared by a committee in the academic department or school offering the degree. All programs have broadly defined requirements for admission regarding the undergraduate preparation of the student. These requirements are

located in each school. In addition, program plans that include specific courses are available in the schools.

Graduate courses available at AUM are numbered 6000 or above and are open to those students who have obtained graduate standing. All graduate level courses have as prerequisites either specific courses or graduate standing. Under special conditions, an undergraduate student may attempt graduate study. (See provision under Transfer of Credit.)

Correspondence Work

Study by correspondence shall not be counted toward a graduate degree.

Credit for Military Schools and Credit Recommended by the American Council on Education (ACE)

The ACE presently evaluates both military schools and civilian training programs for graduate academic credit. Since this evaluation is handled by faculty members of accredited institutions of higher learning, AUM will accept the ACE recommendations for credit earned in non-academic programs. The applicability of such credit to a specific program will be determined by the faculty adviser, graduate coordinator, dean and director of graduate studies. Such credit will be treated as transfer work except in the Air University contract program.

Course Load

Twelve semester hours of work per semester is the maximum course load to be taken by full-time graduate students. Graduate students must take 9 or more graduate hours per semester to be classified as full-time students. Under special circumstances, a student may request a waiver to take up to 15 graduate hours per semester.

Evaluating Successful Degree Progression of Students

Graduate students deemed not to be making satisfactory progress toward their degree may be dropped from the graduate program. Issues of professional and personal development (other than minimal grade point average) may be considered in determining satisfactory progress toward the degree. Further policy can be found in the *Graduate Handbook: Policies and Procedures*.

■ Grade Requirements

Candidates for graduate degrees are required to maintain an AUM grade point average of 3.0 (on a 4.0 scale) on all graduate work taken. No grade below C will be accepted for graduate credit, but grades on all AUM courses carrying graduate credit will be used in determining the overall average unless the adviser designates to the Registrar's Office prior to the registration for the course that courses are designated to be taken without graduate credit. Graduate students must repeat any course carrying graduate credit in which a grade of less than C is earned unless the course is specifically identified by the adviser prior to the student's registration as a course not to be used for degree credit.

A student has 9 hours beyond the prescribed course of study to acquire the 3.0 GPA. When a course is retaken, both grades are retained on the transcript and are used in the calculation of the GPA for graduate programs. The computed GPA is the graduation GPA in the graduate program.

When a student's AUM GPA drops below 2.51 or has three posted academic warnings, he or she is required to withdraw from the graduate program. The student may be readmitted only when his or her department is willing to certify to the director of graduate studies that the student, through sufficient study or course work, has demonstrated his or her qualifications for readmission. A student may qualify for readmission by completing a 6-hour or two-course supervised validation period in which the student must make a 3.0 average. The returning student will be reclassified as a PB. Grade requirements for the Ph.D. program in Public Administration are governed by Auburn University's graduate catalog.

Final grades are assigned as follows: A, B, C, D, F, FA, S, U, CR, NC, P, I, IP, W, AU and NR. The following explanations and grade points apply:

- A = passing and 4 quality points per hour attempted.
- B = passing and 3 quality points per hour attempted.
- C = passing and 2 quality points per hour attempted.
- D = passing and 1 quality point per hour attempted.
- F = failure and 0 quality points per hour attempted.
- FA = failure due to absence and 0 quality points per hour attempted.
- S = passing and 0 quality points, but the hours attempted are not included in grade point average determination.
- U = failure and 0 quality points but the hours attempted are not included in grade point average determination.
- CR = passing for developmental course work and 0 quality points, but the hours attempted are not included in grade point determinations.
- NC = failure for developmental course work and 0 quality points, but the hours attempted are not included in grade point determinations.
- P = passing for nontraditional course work and 0 quality points, but the hours attempted are not included in grade point determinations.
- I = incomplete and 0 quality points per hour attempted until resolution and a final grade is assigned. A two-year statute of limitations exists for grade changes.
- IP = in progress and 0 quality points, but the hours attempted are not included in grade point determinations. This grade is used only for AUM courses currently in progress, courses for which the student has preregistered and for students who have cross-enrolled at another institution but the final grades have not yet been received.
- W = withdrawal and 0 quality points, but the hours attempted are not included in grade point average determination.
- AU = audit with 0 quality points and 0 hours attempted.
- NR = no grade reported (administrative procedure) and also used for

audit students not meeting the attendance requirement.

The grade of Incomplete is not a right exercised by the student. A grade of Incomplete can be assigned only at the discretion of the instructor and may occur when the quality of work has been of passing grade, but the student has been prevented by illness or other justifiable cause from completing the work required prior to the final examination.

A student must be registered at the university during the semester in which an Incomplete grade is being resolved. The student should not register for that course again on a credit basis (but can register for it on an audit basis). If the student is not registered for any other courses during the semester of resolution of the Incomplete, the student should register for REGL 1110, "For Registration Only."

Grades of Incomplete must be rectified within two years following the assignment of the grade. Grades of Incomplete will be counted as C grades in determining eligibility for continuation in graduate school. Students will not be permitted to graduate with Incomplete grades; these will be changed to F (Failure).

A grade of Failure Due to Absence (FA) will be assigned if a student has excessive absences or is absent from a special or final examination.

Students have two calendar years from the last day of the term in which a grade was assigned for any changes in course grades. Grades assigned prior to the awarding of a degree cannot be changed after the degree has been awarded.

Time Limit

All graduate work toward a master's degree and Ed.S. degree (including credit transferred from another graduate program) must be completed within five calendar years (15 terms), which includes the summer term. However, time spent in active military service because of a national emergency will not be counted in the application of this regulation whenever the national emergency requires that the student be temporarily relocated. The time limit for the joint Ph.D. program in public administration is governed by the Auburn University graduate catalog.

Transfer of Credit

No more than 6 semester hours or three courses of graduate work not to exceed 6 semester hours can be transferred into a graduate program at AUM. **To transfer such work, a student must have been admitted to a graduate degree program in the institution at which the work was taken.** Such credit will not be accepted until the student has successfully completed 9 hours of work in the graduate program at AUM. Credit accepted after the required 9 hours of work at AUM must be acceptable to the student's adviser and to the dean in the appropriate school. The work must be pertinent to the student's plan of study and be within the five-year time limit. A student who has completed a master's degree or a professional degree may request that 6 hours of credit be transferred to or within AUM. It is the student's responsibility to apply for such credit and to apply for official transcripts of such work.

Credit may not be allowed when the cumulative grade point average on graduate or professional work taken elsewhere is less than 3.0 (B average), nor may transfer credit be used to improve the grade point average on courses taken at AUM.

An AUM undergraduate who is within 6 semester hours of graduation may, with proper approval, register for graduate courses during his or her last term of undergraduate work (senior privilege). If the student is accepted into one of the graduate programs upon graduation, such graduate course work taken as an undergraduate may be applied to the master's degrees. Approval of an undergraduate student to take graduate courses in no way constitutes admission to a graduate program. Graduate work taken by an undergraduate student may not be applied to the baccalaureate degree. Rules for transferring credit into the graduate program under the above conditions are the same rules regarding all transfers of graduate credit, for example, time limit and GPA. Permission is required from the undergraduate adviser for this procedure.

Under special consideration by the Office of Graduate Studies and with school and departmental approval, a student earning a master's degree at AUM may take up to half of his or her course work at Auburn University or at one of the University of Alabama system campuses (UA, UAB, UAH). Courses taken under provisions must be approved in advance by the appropriate dean and department head. Issues of school or departmental accreditation must be considered when course transfers are proposed.

Transient Work

A student enrolled in an AUM graduate program who wishes to take course work at another accredited university may do so with permission. The student must be in good academic graduate standing. The work taken at another institution must not exceed 6 semester hours. Transient work taken after admission to a program and transfer work taken prior to admission to a program should not, when combined, exceed 6 semester hours. Transient course credit taken at another university will be brought into the AUM system via the Transfer of Graduate Credit form.

A graduate student from another campus desiring to take graduate courses in a transient status at AUM must have a document of good graduate standing from his or her home institution. The transient form is used by the AUM Registrar's Office as the admitting document for one semester of transient work.

Academic Honesty Code

Students are expected to maintain academic honest and integrity in all work pursued at AUM. Students should not condone violations of academic honesty and should act to prevent opportunities for violations. Violations of the academic honesty code are defined as follows:

1. The possession, receipt or use of any material or assistance not authorized in the preparation of any essay, laboratory report, examination or class assignment, to be submitted for credit as a part of a course or to be submitted in fulfillment of a university requirement;

2. The possession, receipt or use of unauthorized material while an exam or quiz is in progress;
3. Knowingly giving unauthorized assistance to another person during an examination or other graded or credit activities;
4. Selling, giving, lending or otherwise furnishing to any other person any unauthorized material which can be shown to contain the questions or answers to any examination scheduled to be given at some subsequent date in any course of study, excluding questions and answers from tests previously administered and returned to a student by the instructor;
5. The submission of themes, essays, term papers, design projects, theses and dissertations, similar requirements, or parts thereof, that are not the work of the student submitting them. In the case of a graduate thesis or dissertation, submission is defined as the time at which the first complete draft of such is submitted to the major professor for review. Plagiarism is a violation of this code. When the ideas of another are incorporated into a paper, they must be appropriately acknowledged. In starkest terms, plagiarism is stealing - using the words or ideas of another as if they were one's own. For example, if another person's complete sentence, syntax, key words or the specific or unique ideas and information are used, one must give that person credit through proper documentation or recognition, as through the use of footnotes;
6. Altering or attempting to alter an assigned grade on any official Auburn University at Montgomery record. This violation may also be subject to review and action by the Committee on Discipline;
7. An instructor may delineate in advance and in writing other actions he or she considers a violation of the code. For example, the instructor may consider dishonest or unethical the submission of papers substantially the same in content for credit in more than one course, unless specific permission has been given in advance. Actions so delineated must be reasonable and in the spirit of the Student Academic Honesty Code;
8. Altering or misusing a document (e.g., university forms, physician's excuse) for academic purposes. This violation may also be subject to review and action by the Committee on Discipline;
9. Knowingly submitting a paper, report, examination or any class assignment which has been altered or corrected, in part or in whole, for re-evaluation or re-grading without the consent of the instructor;
10. Serving as or enlisting the assistance of another as a substitute in the taking of examinations.

Presenting false data or intentionally misrepresenting one's record for admission, registration, graduation or withdrawal from the university or from a university course is also considered a violation of the Academic Honesty Code. Any instances in violation of academic honesty shall be processed in accordance with the procedures outlined in the *Aumanac* (AUM student handbook) under the title "Academic Honesty Code."

Discipline

Each student, by act of registration, agrees to conform to all rules and regulations of the university.

Applying for Graduation

AUM students who are nearing completion of their degree requirements must apply for graduation no later than the first week of the term in which they intend to graduate. A student must hold the GR classification to be awarded a master's degree and the GREDS classification to be awarded the Ed.S. degree at AUM.

Application may be made online at www.aum.edu. The graduation fee will be billed to the student's account. University regulations require that all degree candidates be enrolled during the term of their graduation. If a student fails to graduate in the term for which application is made, the candidate must reapply to graduate in a subsequent term. (The graduation fee will not be charged again.)

Deadlines for application are available online and in the Registrar's Office.

School of Business

Dr. Jane Goodson, Dean

Master of Business Administration

General M.B.A.

Contract Management Option

Economics Option

Finance Option

Global Business Management Option

Management of Information Technology Option

Management Option

Marketing Option

Executive M.B.A.

■ Graduate Work in the School of Business

The mission of AUM's School of Business is to provide a comprehensive, rigorous undergraduate and graduate business education supported by research and service activities. We:

1. Offer student-centered programs accessible to a diverse student body drawn primarily from Central Alabama.
2. Prepare students for lifetime learning and success in their careers by facilitating the acquisition of business knowledge, increasing global awareness and developing critical thinking, decision-making, team, communication and analytical skills.
3. Engage in the development and transfer of information, knowledge and viewpoints via research, professional development and other activities.
4. Serve the greater Montgomery area through activities that enhance the effectiveness of business, government, nonprofit and professional organizations.

■ Association to Advance Collegiate Schools of Business - International Accreditation

The degree programs, both undergraduate and graduate, offered by the School of Business have achieved business accreditation by the Association to Advance Collegiate Schools of Business - International, the nation's oldest and most prestigious business school accrediting body.

■ The M.B.A.

The Master of Business Administration program prepares students for administrative positions in business, government and other organizations. This program is open to graduates from any field who have demonstrated capability to undertake graduate study. Evidence considered includes undergraduate degree transcripts and

acceptable scores on the Graduate Management Admissions Test (GMAT).

The program of study is divided into three parts: (1) a basic program, consisting of 11 half-term courses, that provides the student with a review of broad business concepts (this part of the program may be partially or fully waived — see basic program); (2) a core program, consisting of seven courses, that extends the manager's knowledge in all areas of business; and (3) an option allowing the student to specialize in an area or the general degree option, allowing the student to select work in his or her particular area of interest.

■ Graduate Study Requirements

Students must meet all AUM graduate program requirements. Additional requirements of the School of Business are listed in the following paragraphs. A grade average of at least B in all courses attempted in the student's graduate program is required for graduation. At least 70 percent of the total program must be passed with at least a B. Any grade below C is considered a failure in meeting the course requirements.

The normal load will be 9 hours per semester. Course loads in excess of 9 hours must be approved by the dean. A maximum of 6 semester hours of credit obtained in another institution accredited by the Association to Advance Collegiate Schools of Business may be transferred to AUM. This credit will be transferred after 9 semester hours of core program work have been completed at AUM.

All M.B.A. candidates not achieving a 3.25 (4.0) GPA in course work beyond the basic program must pass a comprehensive examination in order to complete the degree requirements. All departments in the School of Business will be represented on the examining committee. All candidates for graduation will be notified in writing of the date and time of the examination. A student may not take the comprehensive examination until any grade-point deficiencies are overcome and grades of I (incomplete) are removed. If the student fails the examination, he or she may take it when scheduled in the following semester. You may take the comprehensive examination up to three times. Exceptions to requirements may be made only with the approval of the dean.

All requirements for the M.B.A. degree must be completed within five calendar years from the date the student begins graduate study. Students are expected to make appropriate arrangements with their employers to meet classes on time, avoid absences due to out-of-town travel and provide sufficient time to do library work, computer lab work and group assignments as required.

It is the responsibility of the student to notify the School of Business of his or her expected graduation date one semester prior to graduation. At this time, the student will pay a graduation fee and fill out the diploma applications. Arrangements for the master's comprehensive examination will be made at the beginning of the semester in which the student expects to graduate. A student should register for the comprehensive exam even if a comp waiver is expected. A student must apply for graduation and be registered at AUM for classes during his or her last semester.

The specific course requirements and course descriptions of the M.B.A. degree are listed below. As a general rule, all basic program course requirements are

completed first by the graduate student. Core classes can be taken in any order, assuming the basic prerequisites have been met. The Synergistic Organizational Strategy course (MNGT 6800) is the capstone course and is taken after all other core courses have been completed (or concurrently, with dean’s permission).

The AUM School of Business has specified policies and procedures for grade grievance, incomplete grades, late withdrawal, independent studies and internships. Students needing information should contact the school’s information and advising office.

■ The Master of Business Administration Program

Students who have an adequate background in any of the basic program courses listed below may be exempted from courses by the Graduate Screening Committee or the dean. Students who lack an adequate background may take some or all of the following mini-courses (all mini-courses are half-term courses). Students should have a working knowledge of Microsoft Office prior to entering the program. Students may fulfill this requirement by a skills test or appropriate course utilizing Microsoft software.

Basic Program

Mini-Courses	Semester Hours
ACCT 6010 Financial Accounting Concepts	1.5
ACCT 6020 Managerial Accounting Concepts	1.5
MNGT 6000 Survey of Management	1.5
MKTG 6000 Survey of Marketing	1.5
MNGT 6010 Survey of Business Law	1.5
ECON 6010 Survey of Microeconomic Analysis	1.5
ECON 6020 Survey of Macroeconomic Analysis	1.5
QMTD 6000 Operations Management	1.5
ECST 6100 Business Statistics	1.5
INFO 6070 Introduction to Management Information Systems	1.5
FINA 6000 Survey of Finance	1.5
Total Hours Basic Program	16.5

Business Core Program

The business core is taken by all students and consists of the following courses:

Courses	Semester Hours
ACCT 6220 Managerial Applications of Accounting Information	3
FINA 6630 Financial Valuation: Models and Applications	3
MKTG 6150 Marketing Management	3
ECON 6080 Economics of Decision Making in a Global Environment.	3
ECST 6740 Data Analysis for Managers	3
MNGT 6150 Managing People	3
MNGT 6800 Strategic Analysis for Competitive Advantage	3
Total Hours Core Program	21

In addition to the M.B.A. basic and core programs, students will pursue either the general M.B.A. or an option.

General M.B.A.

The general M.B.A. allows students to take three electives in addition to the basic and core programs.

Courses	Semester Hours
M.B.A. Elective	3
M.B.A. Elective	3
M.B.A. Elective	3
Total Hours	9

Students who wish to sit for the CPA exam in Alabama should be aware that Alabama law requires a minimum of 150 semester hours of academic preparation before an applicant is qualified. Most students must complete additional courses beyond a baccalaureate degree program in accounting. The M.B.A. for AUM accounting graduates and graduates of other colleges and universities can be used to complete the additional course requirements at the graduate level. Students should consult with an accounting adviser and the appropriate state Board of Accountancy to plan their program.

The following accounting courses are approved electives in the M.B.A. program. They can be used to satisfy the requirements to sit for the CPA exam or as accounting electives in the M.B.A.:

- ACCT 6130 Advanced Financial Accounting
- ACCT 6180 Financial Accounting Integrated Business Concepts
- ACCT 6200 Advanced Accounting Systems and Internal Control
- ACCT 6230 Advanced Managerial Accounting
- ACCT 6320 Advanced Income Tax Accounting
- ACCT 6330 Research in Federal Taxation
- ACCT 6380 Federal Taxes and Management Decisions
- ACCT 6420 Seminar in Auditing
- ACCT 6430 Internal Auditing
- ACCT 6510 Advanced Governmental and Nonprofit Accounting
- ACCT 6520 Governmental Auditing and Internal Control
- ACCT 6530 Governmental Environment and Public Accountability
- ACCT 6924 Internship in Accounting
- ACCT 6950 Financial Accounting Theory

M.B.A. Options

Contract Management Option

This option allows students to concentrate in the area of government acquisition and contracting. It is designed specifically to help contracting professionals prepare for the Certified Professional Contracts Manager certification exam, which is offered by the National Association of Contract Management. The option is of interest to

military and civilian personnel, as well as private sector contractors.

Courses	Semester Hours
MKTG 6510 Contract Management	3
MNGT 6520 Government Contract Law	3
Contract Management Elective	3
Contract Management Elective	3
Total Hours	12

Economics Option

This option to the general M.B.A. program allows concentration in business economics. The goal is to provide tools for analyzing and solving today's business and societal problems. The requirements for the option are:

Courses	Semester Hours
Economics Elective	3
Economics Elective	3
M.B.A. Elective ¹	3
Total Hours	9

¹ The M.B.A. elective may be chosen from non-core, non-basic graduate level business courses, including economics.

The following courses are approved economics electives:

- ECON 6100 The Macroeconomic Environment of the Firm
- ECON 6110 Market Structures
- ECON 6170 Managerial Economics
- ECON 6310 Economic Foundations of International Trade and Finance
- ECON 6600 Law and Economics
- ECON 6952 Economics Seminar

Finance Option

The M.B.A. Finance Option offers the flexibility of a specialization in financial planning, insurance and investments; financial management, with international, managerial and accounting applications; or any combination which supports the varied needs of the M.B.A. program. The requirements for the option are:

Courses	Semester Hours
Finance Elective	3
Finance Elective	3
Related Elective	3
Total Hours	9

The following are approved electives for the finance option. At least two selected courses must be Finance (FINA).

- FINA 6210 Commercial Risk Management and Insurance
- FINA 6370 Personal Financial Planning

- FINA 6640 Security Analysis and Portfolio Management
- FINA 6750 International Finance
- FINA 6924 Internship in Finance
- ACCT 6380 Federal Taxes and Management Decisions
- ECON 6100 The Macroeconomic Environment of the Firm
- ECON 6170 Managerial Economics

Global Business Management Option

The M.B.A. Global Business Management Option is designed to prepare individuals to meet the challenge of managing business enterprises in a global environment. The increasingly complex international environment demands that successful managers understand not only how business works but how it works on a global scale. The courses build on the basic business skills, taking an international perspective, and includes discussion of the effects of national culture and the global economic environment on business decisions. The requirements for the option are:

Courses	Semester Hours
MNGT 6750 International Business Management	3
MNGT 6760 International Business Law	3
ECON 6310 Economic Foundations of International Trade and Finance	3
Total Hours	9

Management of Information Technology Option

This option to the general M.B.A. program offers concentration in management of information technology. The curriculum is oriented toward the management issues associated with the development, implementation and application of information systems essential to the daily operations in modern organizations.

Required Courses	Semester Hours
INFO 6250 Information Resource Management	3
INFO 6780 Systems Analysis, Design and Implementation	3
Elective courses	6
Total Hours	12

Elective Choices (pick two)

INFO 6140 Data Storage Technologies	3
INFO 6150 Advanced Data Storage Technologies	3
INFO 6200 Disaster Recovery and Contingency Planning	3
INFO 6410 Network Security and Legal Issues	3
INFO 6560 Database Systems Administration	3

Management Option

The Management Option welcomes students who desire to learn the latest management techniques being practiced in high-performing organizations. Courses focus on contemporaneous issues and advances that define managerial excellence in a rapidly changing environment. The curriculum reflects the most current feed-

back and suggestions from leaders in the business community regarding the skills needed for managerial success. This option caters to students who wish to enhance their interpersonal, communication and leadership skills or wish to focus on human resource management. The requirements for the option are:

Courses	Semester Hours
Management Elective	3
Management Elective	3
Management Elective	3
Total Hours	9

The following courses are approved management electives:

MNGT 6120 Managing Human Resources for Competitive Advantage
 MNGT 6410 Ethical and Social Responsibility in Business
 MNGT 6130 Change or Else
 MNGT 6420 Employment Law
 MNGT 6750 International Management
 MNGT 6760 International Law
 MNGT 6850 Strategic Management/Labor Relations

Marketing Option

This option to the general M.B.A. program offers concentration in marketing and is recommended for students seeking marketing management positions in industry, government or nonprofit organizations. The requirements for the option are:

Courses	Semester Hours
Marketing Elective	3
Marketing Elective	3
Marketing Elective	3
Total Hours	9

The following courses are approved marketing electives:

MKTG 6340 Purchasing
 MKTG 6350 Marketing Strategy
 MKTG 6360 Marketing Research
 MKTG 6390 Sport and Event Marketing
 MKTG 6400 Professional Selling and Sales Management
 MKTG 6410 Buyer Behavior
 MKTG 6420 Supply Chain Management
 MKTG 6510 Contract Management
 MKTG 6600 Services Marketing
 MKTG 6650 International Marketing
 MKTG 6730 Marketing for Nonprofit Organizations
 MKTG 6830 Strategic Promotion Campaign
 MKTG 6900 Independent Study
 MKTG 6952 Marketing Seminar
 MKTG 6970 Special Problems/Special Topics

Executive M.B.A.

The Executive M.B.A. in the School of Business is an accelerated, 10-course program across one calendar year, with two courses taken concurrently, meeting every other Saturday for eight weeks. Half of the program will be taught in the Saturday class meetings and half online with distance learning assignments, readings, cases and topic discussions, giving you the flexibility to work and study when your schedule allows. Eligible candidates must have an undergraduate degree from an accredited college or university and five or more years of professional work experience. The screening committee will consider the applicant's previous academic record, current resume and GMAT scores in determining acceptance.

■ Description of Courses

Accounting and Finance

Professors Heier, Jacobs (Lowder-Weil Chair), R. Johnson, Kamnikar and Lange
 Associate Professors Deal, Hahn, Leach, Marudas and Newman
 Assistant Professor McMillan

Accounting (ACCT)

6010. Financial Accounting Concepts (1.5). Pr., graduate standing or permission of department head. A survey of financial accounting concepts designed to acquaint the student with current practices and problems. May not be used as an elective.

6020. Managerial Accounting Concepts (1.5). Pr., graduate standing. A survey of managerial accounting concepts designed to acquaint the student with current practices, problems and techniques. May not be used as an elective.

6130. Advanced Financial Accounting (3). Pr., ACCT 3120, graduate standing. Advanced accounting theories and methods, consolidation of financial statements and other special problems. Duplicate credit will not be allowed for ACCT 4130 and ACCT 6130.

6180. Financial Accounting Integrated Business Concepts (3). Pr., graduate standing. A capstone course for graduate students utilizing the applied research process in the performance of a comprehensive business analysis, including the unique accounting and auditing issues of specific industry assignments.

6200. Advanced Accounting Systems and Internal Control (3). Pr., ACCT 6010, ACCT 6020 or equivalent, graduate standing. Reviews general accounting information systems concepts; concentrates on the design and implementation of computerized accounting.

6220. Managerial Applications of Accounting Information (3). Pr., ACCT 6010 and ACCT 6020 or equivalent, graduate standing. Identification, selection and use of accounting information for management decision making with an emphasis on management's control responsibilities and the financial impact of management's decisions on the firm.

6230. Advanced Managerial Accounting (3). Pr., ACCT 3210, graduate standing. The study of advanced cost accumulation and allocation and control techniques for manufacturing, service and governmental organizations, with an emphasis on internal decision making, product pricing and critical firm analysis. Duplicate credit will not be allowed for ACCT 4230 and ACCT 6230.

6320. Advanced Income Tax Accounting (3). Pr., ACCT 3310, graduate standing. Specialized tax accounting problems of individuals, corporations and trusts, including selected current issues in taxation. Duplicate credit will not be allowed for ACCT 4320 and ACCT 6320.

6330. Research in Federal Taxation (3). Pr., ACCT 4320 or ACCT 6320, graduate standing. A study of tax research procedures, documentation of research and presentation of research findings through in-depth examination of selected current topics in individual, corporate and estate and gift taxation. Extensive use of computerized tax research services.

6380. Federal Taxes and Management Decisions (3). Pr., ACCT 6010 and ACCT 6020 or equivalent, graduate standing. A study of how substantially different tax liabilities sometimes attach to nearly identical economic events. This knowledge explains why tax rules substantially alter human behavior at the individual and business entity level.

6420. Seminar in Auditing (3). Pr., ACCT 4410, graduate standing. Case studies covering fraud and other illegal acts, auditor legal liability, auditor independence, professional ethics and other current issues in auditing. Duplicate credit will not be allowed for ACCT 6420 and ACCT 4420.

6430. Internal Auditing (3). Pr., graduate standing. Assessing internal control of business and non-business organizations; concepts of risk assessment, risk reduction and assessing risk reduction within an organization through internal auditing. Duplicate credit will not be allowed for ACCT 4430 and ACCT 6430.

6500. Financial and Managerial Accounting for Government Managers (3). Pr., graduate standing. A survey of financial and managerial accounting concepts and principles designed to acquaint the student with current practices and applications within the government environment. May not be used as an elective in the Auburn Montgomery MBA program. Duplicate credit will not be allowed for ACCT 4500 and ACCT 6500.

6510. Governmental and Nonprofit Financial Reporting and Budgeting (3). Pr., ACCT 3110, graduate standing. Accounting, financial reporting and budgeting theory and practice for governmental and nonprofit entities. Duplicate credit will not be allowed for ACCT 4510 and ACCT 6510.

6520. Government Auditing and Internal Control (3)., Pr., ACCT 6510, graduate standing. A study of internal and management control, auditing, performance measurement and reporting, financial and managerial analysis techniques and concepts and controls in the governmental environment. Duplicate credit will not be allowed for ACCT 4520 and ACCT 6520.

6530. Governmental Environment and Public Accountability (3)., Pr., graduate standing. Surveys the organization, structure and legality of government and its role in the government financial management function, including public accountability and ethics. Duplicate credit will not be allowed for ACCT 4530 and ACCT 6530.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Variable content outside of the classroom setting. May be repeated up to 6 hours.

6924. Internship in Accounting (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or major elective credit.

6950. Financial Accounting Theory (3). Pr., ACCT 3120, graduate standing. A study of the development and application of Generally Accepted Accounting Principles (GAAP) in the United States with an emphasis on the impact such principles have on modern corporate reporting practices domestically and internationally.

6970. Special Problems/Special Topics (3). Pr., graduate standing. Variable content within the classroom setting. May be repeated up to 6 hours.

Finance (FINA)

6000. Survey of Finance (1.5). Pr., graduate standing or permission of department head. A survey of finance theory as well as applications as a basis for FINA 6630. May not be used as an elective.

6210. Commercial Risk Management and Insurance (3). Pr., FINA 6000 or equivalent, graduate standing. The identification, measurement and management of commercial risks. Includes commercial insurance lines of auto, inland marine, liability and property insurance. Duplicate FINA credit will not be allowed for FINA 4210 and FINA 6210.

6370. Personal Financial Planning (3). Pr., FINA 6000 or equivalent, graduate standing. Analysis of the personal financial needs of people and households at various stages of life, with an emphasis on counseling others in areas of expense control, credit management, savings accumulation, investment allocation, insurance protection and estate planning.

6630. Financial Valuation: Models and Applications (3). Pr., FINA 6000 or equivalent, graduate standing. Discounted cash flow, capital asset, arbitrage and option pricing financial valuation models are applied to single, multinational and multi-business firms. Valuation factors, including the cost of capital and capital structure, are identified. Managerial opportunities to create value are further explored by evaluation of mergers, acquisitions and joint ventures.

6640. Security Analysis and Portfolio Management (3). Pr., FINA 6630, graduate standing. Analysis of risk and strategies for developing efficient portfolios; qualitative and quantitative analysis of stocks and fixed income securities, theories and techniques of security valuation; examination of securities markets and interest rate behavior in the context of national and international economic trends.

6700. Short-Term Financial Management (3). Pr., FINA 3610, graduate standing. To provide an interior and integrated treatment of cash management concepts utilizing valuation and cash flow timelines as integrating themes along with appropriate technology. Duplicate credit will not be allowed for FINA 4700 and FINA 6700.

6750. International Finance (3). Pr., FINA 6000 or equivalent, graduate standing. Analysis of theories and practices of international finance from internal and external perspectives. Emphasizes the international monetary system, foreign exchange markets, foreign risk exposure, international banking, foreign trade financing and the management of multinationals. Duplicate credit not allowed for FINA 4750 and FINA 6750.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Variable content outside of the classroom setting. May be repeated up to 6 hours.

6924. Internship in Finance (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or major elective credit.

6970. Special Problems/Special Topics (3). Pr., graduate standing. Variable content within the classroom setting. May be repeated up to 6 hours.

Economics (ECON)

Professors Clark (Associate Dean) and Deravi
Associate Professors Ligeon and Moore (Chair)
Assistant Professors Byron Lan, Runco and Winters

6010. Survey of Microeconomic Analysis (1.5). Pr., graduate standing. An accelerated overview of microeconomic concepts. Examines concepts of demand, supply, consumer choice models, market structure and distribution of income. May not be used as an elective.

6020. Survey of Macroeconomic Analysis (1.5). Pr., graduate standing. An accelerated overview of fundamental macroeconomic concepts. Examines macroeconomic growth, differing macroeconomic models and international trade issues. May not be used as an elective.

6080. Economics of Decision Making in a Global Environment (3). Pr., ECON 6010 or ECON 6020 or equivalent. A study of how economic decisions of managers can be impacted by changing market, political and global conditions. Decisions about optimal resource use, production and pricing examined.

6100. Macroeconomic Environment of the Firm (3). Pr., ECON 6080, graduate standing. The behavior of the firm under different market structures and the study of competitive strategy and modern industrial organization. Central topics include industry analysis, market structure and competition, strategic commitment, entry and exit, and the dynamics of pricing rivalry.

6110. Market Structures (3). Pr., ECON 6080, graduate standing. Analysis of the aggregate economic performance of the economy, including the determination of national income, output, employment, price levels and interest rates. Topics include determinants of growth, business cycle, government policy, inflation, exchange rates and the balance of payments.

6170. Managerial Economics (3). Pr., ECON 6080. Decision theory and criteria for decision making concerning output, pricing, capital budgeting, scale of operation, investment and inventory control. Attention also given to concepts of profits, production and cost functions.

6310. Economic Foundations of Trade and Finance (3). Pr., ECON 6080. Examines the global nature of economic activity and its impact on business decision making and public policy. Key factors include the balance of payments, trade and capital flows, exchange rate determination and risk management.

6600. Law and Economics (3). Pr., graduate standing, one course in economics. Survey of the law and legal institutions (including law enforcement) from an economics perspective. Topics include property, contracts, torts, criminal and constitutional law, efficiency of common law and efficient allocation of resources.

6952. Economics Seminar (1-3). Pr., graduate standing. A seminar for graduate students. Exact subject matter announced each time course is offered. May be repeated with a change in subject matter.

6900. Independent Study (1-3). Pr., graduate standing and permission of department head. Economic topics required for graduation that are fulfilled outside the classroom setting.

6924. Internship in Economics (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or major elective credit.

6970. Special Problems (1-3). Pr., graduate standing. Variable content in the economics area.

Statistics for Business and Economics (ECST)

Associate Professors Linna and Ligeon

6100. Business Statistics (1.5). Pr., graduate standing. Basic statistical methods as applied to business. Includes descriptive measures, probability distributions, sampling distributions and classical estimation and testing. May not be used as an elective.

6740. Data Analysis for Managers (3). Pr., ECST 6100 or equivalent, graduate standing. With the continuing development of computer-based information systems, the quantity of data available to the manager is increasing rapidly. Designed to provide the manager with the statistical literacy needed to function as an effective decision maker in today's data intense environment.

Information Systems (INFO)

Professor Griffin

Associate Professor Gehling

Assistant Professor Jourdan

6000. Computer Basics (1.5). Pr., graduate standing. Introduces students to basic computer skills in the Windows operating environment, including word processing, presentation graphics and spreadsheets. May not be used as an elective.

6070. Introduction to Management Information Systems (1.5). Pr., graduate standing. Introduces business applications in database management, presentation graphics, macro programming, e-mail and the Internet as a business resource. May not be used as an elective.

6100. Principles of Management Information Systems (3). Pr., graduate standing. A broad technical treatment of selected topics in information technology topics, including database management systems, business telecommunications, information systems development and management.

6140. Data Storage Technology Concepts (3). Pr., INFO 6700, graduate standing or permission of department. An overview of technologies used to electronically store data using Storage Area Networks, Network Attached Storage and other technologies. The structure of the course combines lecture and hands-on labs. Credit is not given this course and INFO 4100.

6150. Advanced Data Storage Technologies (3). Pr., INFO 6140 or INFO 4100 or departmental approval. Advanced concepts, technologies and methodologies used to electronically store and manage data using Storage Area Network, Network Attached Storage and other technologies. The structure of the course combines lecture and labs. Credit is not given this course and INFO 4150.

6200. Disaster Recovery and Contingency Planning (3). Pr, INFO 6000 and INFO 6070 or equivalent, graduate standing. Identifies fundamental planning principles and practices used to develop and maintain an effective IT contingency and disaster recovery plan. Provides a foundation for evaluating information systems and organizational operations to determine contingency requirements and priorities needed to develop a disaster recover plan. Credit is not given this course and INFO 4200.

6250. Information Resource Management (3). Pr., graduate standing. Issues and management techniques involved in administering the information system/resource activities of an organization from a socio-technical perspective. Covers the management of information resources from a strategic and competitive analysis viewpoint.

6300. E-Commerce and Data Communications (3). Pr., INFO 6000 and INFO 6070 or equivalent, graduate standing. Covers the tools, technologies and social and business implications of electronic commerce via the Internet. Also includes the management of network resources, as well as the legal and security issues associated with conducting business over the internet. Credit is not given this course and INFO 4300.

6400. Systems Analysis/Design and Database Management (3). Pr., INFO 6200, graduate standing. Covers general systems theory, logical and physical analysis and design of information systems, structured and object-oriented methodologies, prototyping, system documentation, use of CASE tools and software quality. Also covers database history, relational and object-oriented databases and logical and physical modeling of databases.

6410. Network Security and Legal Issues (3). Pr., INFO 6000 and INFO 6070, or equivalent, and graduate standing. Security and control aspect of distributed data networks with particular reference to both global and national information infrastructures. Underlying security technologies considered for the protection of enterprise networks. Course also covers current legislation affecting network security and management. Duplicate credit will not be given for this course and INFO 4400.

6560. Database Management (3). Pr., INFO 6000 and INFO 6070 or equivalent, graduate standing. A study of the administrative issues of database systems. Course covers installation of database systems, creation and enforcement of access controls, backup and recovery techniques and optimization and tuning. Credit is not given for this course and INFO 4560.

6700. Data Communications and Distributed Systems (3). Pr., INFO 6100 or equivalent, graduate standing. The study of communication systems concepts such as distributed systems, networking, interfacing mainframes and microcomputers and managerial control of data communication systems.

6750. Structured Design (3). Pr., INFO 6100 or equivalent, graduate standing. The study of the elements of a specific description of program and system design. A specific, detailed approach with respect to the architecture of programs and systems.

6780. Systems Analysis and Design (3). Pr., INFO 6000 and INFO 6070 or equivalent, graduate standing. Analysis, design and implementation of information flows for management control and decision making. Use of systems development concepts, principles and practices.

6800. Software Design Management (3). Pr., INFO 6100 or equivalent, graduate standing. Study of software engineering concepts, including methods, tools and procedures that enable the manager to control the process of software development and provide the practitioner with a foundation for building high quality software in a productive manner.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Variable content outside of the classroom setting. May be repeated up to 6 hours.

6924. Internship in Information Systems (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or information systems elective credit.

6970. Special Problems/Special Topics (3). Pr., graduate standing. Variable content in the information systems area within the classroom setting. May be repeated up to 6 hours.

Management (MNGT)

Professors Arnold, Duarte, Goodson (Dean) and Ritvo
Associate Professors Banning (Head), M. Kiker, S. Kiker, Johnson and
Lewis

6000. Survey of Management (1.5). Pr., graduate standing. A survey of management principles to expose students to the role of management in today's changing environment and the various processes and strategies needed to manage organizations more effectively. May not be used as an elective.

6010. Survey of Business Law (1.5). Pr., graduate standing. A survey analysis of the essential aspects of laws affecting the contemporary business manager. May not be used as an elective.

6120. Managing Human Resources for Competitive Advantage (3). Pr., MNGT 6000, graduate standing. Managing human resources strategically to facilitate business strategy formulas, implementation and achievement of organizational objectives. Analyzes human resource management from the perspective of the general manager.

6130. Change or Else (3). Pr., MNGT 6000, graduate standing. A study of organizational systems in a rapidly changing environment with an emphasis on organizational design and development. Emphasis on state-of-the-art management practices and current issues such as quality management, business process re-engineering, organizational culture and innovation.

6150. Managing People (3). Pr., MNGT 6000, graduate standing. Designed to enhance awareness of how organizational problems can arise from poor people skills, how problems can be minimized or solved by improved people skills and how to develop more effective people skills.

6400. Managing the Legal Environment (3). Pr., MNGT 6000, graduate standing. The essential features of managing the legal environment of a business, including the legal system and the law of contracts, employment and labor law and so forth, as they relate to the management function of U.S. and international business transactions.

6410. Ethical and Social Responsibility (3). Pr., MNGT 6000, graduate standing. Analysis of current ethical and social responsibility issues. Emphasis on the evaluation of ethical problems and social responsibility challenges facing business leaders.

6420. Employment Law (3). Pr., graduate standing. Examination of laws affecting the employment relationship. Emphasis is placed on common law “at will” principles, employee personal rights, equal employment opportunity, civil rights, workers compensation and wage and hour legislation.

6520. Government Contract Law (3). Provides useful knowledge of law applicable to government acquisition contracts and to develop a comprehension of the legal significance of the contents of the contractual instrument as it affects both the contractor and the government.

6600. Staffing Organizations (3). Pr., graduate standing. An in-depth study of the human resource management staffing function. Course work includes job analysis, performance evaluation, recruitment, statistical bases of selection, selection techniques, costing selection effectiveness and legal issues in staffing.

6610. HR Training and Development (3). Pr., MNGT 6000, graduate standing. Provides a thorough understanding of designing and implementing training and development programs. A hands-on methodology is used to cover topics on needs assessment, training methods, training evaluation, development and safety.

6650. Reward Systems (3). Pr., MNGT 6000, graduate standing. An in-depth study of managing compensation in organizations. How to analyze the effectiveness of compensation systems by examining internal equity, external competitiveness, motivation, administration, legality and budgetary issues.

6750. International Business Management (3). Pr., graduate standing. Focuses on the unique issues of managing in a global environment such as the influence of trade agreements and financial policies on the strategic formulation and management of a firm engaged in international trade.

6760. International Business Law (3). Pr., graduate standing. A survey of domestic and foreign laws and treaties as they affect international business transactions.

6800. Strategic Analysis for Competitive Advantage (3). Pr., 18 graduate core hours or permission of dean. Focuses on building the viewpoint and skills required of the general manager in solving complex business problems. Builds upon previous M.B.A. course work by integrating the functional and technical areas to provide a complete business perspective. Oral and written communication emphasized.

6850. Strategic Employment Relations (3). Pr., MNGT 6000, graduate standing. Managing human resources to facilitate strategy formulation and implementation in union and nonunion organizations. The relationship between management, employees and labor organizations. Labor/management cooperation. The labor relations process, including union formation, collective bargaining, contract administration and the legal environment.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Variable content outside of the classroom setting. May be repeated up to 6 hours.

6924. Internship in Management (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or management elective credit.

6970. Special Problems/Special Topics (1-3). Pr., graduate standing. Variable content within the classroom setting. May be repeated up to 6 hours.

Marketing (MKTG)

Professor Self

Associate Professors Ingram (Chair) and Periatt

Assistant Professors Darrant and Funches

6000. Survey of Marketing (1.5). Pr., graduate standing. A broad overview of marketing principles with emphasis on current research, practices and problems. May not be taken as an elective.

6150. Marketing Management (3). Pr., MKTG 6000, graduate standing. Analysis of marketing research, product development, promotion, pricing, packaging, competition and forecasting as related to the decision making process.

6340. Purchasing (3). Pr., MKTG 6150, graduate standing. Objectives, control and the direction of industrial purchasing. Duplicate credit will not be allowed for MKTG 4340.

6350. Marketing Strategy (3). Pr., MKTG 6150, graduate standing. Advanced case course dealing with the wide range of marketing problems involving policy and strategy decisions faced by the marketing manager.

6360. Marketing Research (3). Pr., MKTG 6150, graduate standing. Scientific examination of marketing phenomena to enhance a manager’s ability to make better decisions by generating, transmitting and interpreting consumer and environmental information used to identify and define marketing opportunities. Duplicate credit not allowed for MKTG 4360.

6390. Sport and Event Marketing (3). Pr. MKTG 6150, graduate standing. Provides a practical look at the unique characteristics of the sports industry and their impact on the strategic approach to the marketing of sports and other events, to include pricing, determining the right event/sponsor, branding and maintaining relationships among parties involved. Duplicate credit will not be allowed for MKTG 4390.

6430. Professional Selling and Sales Management (3). Pr., MKTG 6150, graduate standing. Treats sales as an entry-level and career opportunity. Focuses on managing long-term customer relationships as a strategy. Managing sales people and their role as managers. Students prepare and deliver sales presentations. Duplicate credit not allowed for MKTG 3400.

6410. Buyer Behavior (3). Pr., MKTG 6150, graduate standing. Introduces the student to concepts and theories as they relate to consumer and business markets. This will include an analysis of internal and external influences on exchange decision making process. The frameworks are discussed in context of advertising/promotion, product management and the development of effective marketing strategies. Duplicate credit will not be allowed for MKTG 4410.

6420. Supply Chain Management (3). Pr., MKTG 6150, graduate standing. A systematic examination of the domestic and international logistics activities and business processes associated with the flow of information and goods from the raw material source to the ultimate consumer. Duplicate credit will not be allowed for MKTG 4730.

6510. Contract Management (3). Focuses on contracting and acquisition processes used to obtain and support facilities, operations and systems. Covers processes, requirements, specifications, planning, bid solicitation, vendor selection, contract awards, contract administration and evaluation. Ethics and government reform also considered.

6600. Services Marketing (3). Pr. MKTG 6150, graduate standing. The course examines the unique characteristics of service organizations and the increasingly vital role they play in the U.S. economy. This course stresses the importance of tailoring marketing strategies to fit the special needs of service marketers, needs quite different from those of manufacturing organizations. Duplicate credit will not be allowed for MKTG 4600.

6650. International Marketing (3). Pr., MKTG 6150, graduate standing. Covers the role of marketing in the global arena and the impact of culture, law, policies, ethics and other environmental variables or strategies for marketing goods and services in a global market. Duplicate credit not allowed for MKTG 4650.

6730. Marketing for Nonprofit Organizations (3). Pr., graduate standing. Introduces students to the role of marketing in non-profit organizations as key to meeting the needs of target clients, patrons or customers. Deals with basic elements of marketing as well as developing strategies and plans, researching the market, developing relevant services and planning marketing communications.

6830. Strategic Promotion Campaign (3). Pr., MKTG 6150, graduate standing. A team-based applied course designed to develop promotional campaigns, including advertising, for local organizations. Focus is on linking advertising agencies, account development and creative execution elements across the marketing promotion mix. Duplicate credit will not be allowed for MKTG 4830.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Marketing topics required for graduation that are fulfilled outside the classroom setting.

6952. Marketing Seminar (3). Pr., graduate standing. A seminar for graduate students. Exact subject matter announced each time course is offered. May be repeated with a change in subject matter.

6970. Special Problems/Special Topics (3). Pr., graduate standing. Variable content within the classroom setting. May be repeated up to 6 hours.

Quantitative Methods (QMTD)

Associate Professor Ang

6000. Operations Management (1.5). Pr., graduate standing. Prepares students to become better managers in facing the competitive challenge of effectively managing organizational resources to produce goods or provide services to the customer. May not be used as an elective.

6750. Operations Research (3). Pr., graduate standing. The application of operations research methods to business and economic problems. The methods include linear programming, network analysis, game theory, queuing theory, simulation and Markovian processes.

6760. Forecasting (3). Pr., QMTD 6740, graduate standing. Time series forecasting and dynamic modeling using the Box-Jenkins approach to include univariate models and transfer functions.

6900. Independent Study (1-3). Pr., graduate standing, permission of department head. Variable content outside of the classroom setting. May be repeated up to 6 hours.

6924. Internship in Decision Sciences (1-3). Pr., departmental approval. Provides students with the opportunity to gain valuable insight through practical accounting experience so they may better correlate their academic experience with a professional, real-world environment. Business or decision science elective credit.

6970. Special Problems/Special Topics (3). Pr., graduate standing. Variable content within the classroom setting. May be repeated up to 6 hours.

School of Education

Dr. Jennifer A. Brown, Dean

Alternative Master of Education

Master of Education

Education Specialist

■ Graduate Work in the School of Education

Professional study in the School of Education is based on a framework that prepares reflective, competent and committed professional educators. The school is committed to providing challenging opportunities for a diverse learning community in a nurturing environment.

Consistent with the mission of AUM, the School of Education strives to fulfill the following goals:

1. Provide individuals seeking careers in an education field with the knowledge, competencies, ethical attitudes, skills and credentials necessary for successful performance in the profession.
2. Provide graduate level programs leading to the master's and education specialist degrees that will enable graduates to improve and extend their professional competencies and leadership abilities.
 - a. Utilize recruitment, admission, retention and advising activities that facilitate student progress and guarantee highly qualified graduates.
 - b. Provide advanced study in learning theory, research and behavioral sciences.
 - c. Offer graduate course work in areas of specialization to meet the need for advanced professional study.
 - d. Extend opportunities for graduate students to engage in research, utilize research findings and implement research principles in professional settings.
 - e. Provide educators with an extended understanding of cultural diversity.
 - f. Provide educators with expanded knowledge and skills necessary to teach children with exceptionalities.
 - g. Develop student skills and attitudes necessary for decision making, investigation, research, lifelong learning and continued professional development.
 - h. Develop additional programs leading to the master's and education specialist degrees as areas of need are identified and justified.
3. Based on a coordinated plan for external and internal program evaluation, continually study and modify undergraduate and graduate programs to ensure quality learning experiences that reflect sound educational thinking.
4. Provide leadership in educational innovation and emphasize learning experiences that will encourage graduates to evaluate trends and become change agents for improvement.

5. Improve and extend resources necessary for implementing quality educational programs.
6. Engage in research that contributes to instructional programs and the advancement of knowledge.
7. Continue to serve the community, state and region by educating qualified professional personnel, providing on-campus educational services and extending faculty expertise and university resources to schools and agencies within the region.

Accreditation

The School of Education is accredited by the National Council for the Accreditation of Teacher Education (NCATE) and all programs are approved by the Alabama Department of Education. The master's programs in community counseling and school counseling are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Application for Alabama Certification

In order to receive the Alabama Class A or Class AA certificate, the student must apply through the School of Education Certification Office.

Students in the School of Education must determine certification requirements through the Certification Office.

Alabama teacher certification applicants are required to obtain background clearance through a fingerprint review conducted by the Alabama Bureau of Investigation and Federal Bureau of Investigation unless they hold or have held an Alabama professional certificate issued based on an application submitted prior to July 1, 1997.

Transient Work

A student enrolled in the School of Education at AUM who wishes to take graduate courses at another regionally accredited university may do so with prior permission. Approval may be given for no more than 6 semester hours to be taken as transient work; approval requires that the other institution be accredited by NCATE at the appropriate level (initial or advanced).

Master of Education (M.Ed.)

Every student pursuing the Master of Education degree and/or Class A certification must complete a planned program of graduate work within an approved area and maintain a 3.0 GPA (Instructional Leadership requires a 3.25 GPA). Students applying for initial certification in a teaching field or area of instructional support must submit a passing score on the appropriate PRAXIS II test. Specific courses are determined by the School of Education adviser based upon department requirements and the student's needs and goals.

Completion of M.Ed. programs requires acceptable performance on a comprehensive examination prepared by a committee in the appropriate department. Each student must complete the Master's Comprehensive Examination during or preceding the semester in which graduation is anticipated. Students are allowed one retesting; and if not successful on the retesting, they will automatically be dropped

from graduate programs in the School of Education. Students should consult their advisers for specific information prior to registration.

Teaching, counseling and instructional leadership are specialized professions that require the ability to relate effectively to others as well as to demonstrate academic competence. Because of the special nature of these programs, the faculty reserves the right to recommend to the department head and dean regarding the exclusion of students from enrolling in the practica and internships based on criteria other than scholarship.

Alternative Master of Education (M.Ed.)

This program is designed for individuals who desire a master’s degree and a State of Alabama Class A teaching certificate and who have a bachelor’s degree in a non-education area. In addition to regular admission requirements, the student must meet specific course content requirements and have a degree posted grade point average of 2.5. Students must successfully complete all sections (Reading for Information, Applied Mathematics and Writing) of the basic skills test of the Alabama Prospective Teacher Testing Program (APTTTP) before enrolling in more than 24 graduate hours. The individual must complete a minimum of 42-52 semester hours of graduate work (depending upon the program plan) with at least 6 semester hours of the program being a full-time internship, successfully complete the appropriate PRAXIS II and maintain a 3.0 GPA. Extensive daytime field experiences in public schools are required in this program.

School of Education programs combine classroom and real-world experience. Students profit from firsthand experience in school settings. The school has established special partnership arrangements with several elementary and secondary schools. Students have opportunities for clinical experiences in surrounding school districts, thus providing diverse field involvement.

The program requires acceptable performance on a comprehensive examination prepared by a committee in the appropriate department. Each student must complete the Master’s Comprehensive Examination during or preceding the semester in which graduation is anticipated. Students are allowed one retesting; and if not successful on the retesting, they will be dropped from graduate programs in the School of Education.

Teaching is a specialized profession that requires the ability to relate effectively to others as well as to demonstrate academic competence. Because of the special nature of this program, the faculty reserves the right to recommend to the department head and dean regarding the exclusion of students from enrolling in the internships based on criteria other than scholarship. Prior to the internship the student must submit an application for internship approved by his or her adviser to the director of field and clinical experiences.

The final dates for submission of the internship application are as follows:

- Fall semester internship March 30
- Spring semester internship August 30

The student must be registered for Professional Internship at AUM the term he or she completes the internship course.

The student will receive a letter grade in the internship. In the event the intern receives a grade of D or F, the student must reapply for and repeat the internship. The new application must be approved by the Committee for the Professional Internship prior to enrollment.

Education Specialist (Ed.S.)

The student who is pursuing the Ed.S. program must complete a planned program of graduate work beyond the master’s degree. Specific courses are determined by the School of Education adviser, based upon departmental requirements and the student’s needs and goals. **Students must meet Class A certification requirements prior to admission in the area in which they are pursuing the Ed.S. program and must submit an official verification of satisfactory teaching experience.** To be eligible for an Alabama AA teaching certificate, the student must maintain a 3.25 GPA on all of the Ed.S. course work.

All Ed.S. programs require acceptable performance on a comprehensive examination prepared by a committee in the appropriate department. Each student must write the Ed.S. Comprehensive Examination during or preceding the term in which completion is anticipated. Students are allowed one retesting; and if not successful on the retesting, they will be dropped from graduate programs in the School of Education. Students should consult with their adviser for specific information prior to registration.

Admission requirements for the Ed.S. programs are substantially higher than those for the M.Ed. programs. Students should consult the School of Education graduate coordinator regarding Ed.S. admission requirements.

Teaching, counseling and leadership are specialized professions that require the ability to relate effectively to others as well as demonstrate academic competence. Because of the special nature of these programs, the faculty reserves the right to recommend to the department head and dean regarding the exclusion of students from enrolling in the practica and internships based on criteria other than scholarship.

Graduate Program Options

M.Ed.

A Level Certification

- | | |
|---------------------------------------|----------------------------|
| Art (Grades P-12) | Reading Specialist (P-12) |
| Counselor Education | Secondary Education (6-12) |
| School Counseling (P-12) | Biology |
| Community Counseling ¹ | English/Language Arts |
| | General Social Science |
| Early Childhood (P-3) | General Science |
| Instructional Leadership (P-12) | History |
| Instructional Technology ¹ | Mathematics |

Elementary Education (K-6)

Physical Education

Physical Education (P-12)

Exercise Science¹

Sport Management

Alternative M.Ed.

A Level Certification

Art (Grades P-12)

Childhood Education (P-6)

Secondary Education (6-12)

Biology

Collaborative Teacher (K-6, 6-12)

Early Childhood (B-8 years)

History

Ed.S.

AA Level Certification

Counselor Education

School Counseling (P-12)

Community Counseling¹

Early Childhood (P-3)

¹Non-certification programs.

Special Education

Early Childhood (B-8 years)

Collaborative Teacher (K-6, 6-12)

Language Arts

Mathematics

Physical Education (P-12)

Social Studies

Special Education

Instructional Leadership (P-12)

Elementary Education (K-6)

Physical Education (P-12)

Special Education

Collaborative Teacher (K-6, 6-12)

Foundations of Education

Educational foundations support the general objectives of the School of Education by providing studies in the historical, philosophical, social and psychological forces that influence educational practice. Courses and laboratory experiences have the following objectives:

1. To assist teachers, counselors and administrators in acquiring fundamental knowledge of the assumptions, methodologies and conceptualizations on which educational practices are based.
2. To assist teachers, counselors and administrators in developing the competencies to critically assess educational practices in a changing democratic society.

Each graduate student in education must complete a minimum of course work in educational foundations. Graduate students should consult their advisers for the foundations course requirements of their program.

Counselor Education

The master's and education specialist degree programs in counselor education contain two basic options for study: community counseling or school counseling.

Flexibility for these two options are allowed for the student to (1) choose the degree program that prepares and certifies students to work in either a school setting or community setting; (2) complete the practicum and internships in settings that best prepares students for their intended area of job placement; and (3) choose research projects and class assignments that meet the student's specific learning needs and objectives. The skills and theories learned in AUM's counselor education program are applicable to a variety of professional situations. Detailed and current program requirements, including, but not limited to, admissions criteria, minimum program requirements, matriculation requirements and financial aid information can be found in the Counseling Student Handbook located on the AUM School of Education website.

Individuals who intend to function in a school situation must have or must qualify for certification as a teacher and must present evidence of at least two years of satisfactory educational experience. Since AUM recommends to the state that the student qualifies for certification, AUM counseling students must earn a B or higher in all practica and internships and pass the Praxis II before a recommendation for certification will be made.

The education specialist is a shared program with Alabama State University. Students enrolled in this program take courses at both universities.

Because of the diverse counseling situations potentially available to graduates of this program, flexibility in course work is permissible. Students should consult the graduate office to plan specific programs to meet their particular needs.

Counseling is a specialized profession that requires the ability to relate effectively to others and demonstrate academic competence. Because of the special nature of this program, the counselor education faculty reserves the right to make binding decisions regarding the suitability of students enrolling in practicums and internships.

Instructional Leadership

The master's and Ed.S. programs in instructional leadership are based on the philosophy that the primary function of educational administrators is the enhancement of teaching and learning within the schools. Administrators must first be instructional leaders, ensuring that other school-related activities directly support this central function. The responsibility for instruction involves emphasizing the teaching-learning process, requiring the ability to exert educational leadership and to provide effective supervision.

Admission requirements include: (1) professional educator certificate; (2) three years of successful teaching experience; and (3) an admission portfolio.

The purpose of the instructional leadership preparation program is to prepare educational administrators for all leadership positions within elementary and secondary schools. The program affords exposure to and experience in theoretical and applied aspects of instructional leadership and supervision. Satisfactory completion of the master's program prepares students for Alabama Class A certification. A GPA of 3.25 is required for certification.

The Ed.S. program in educational leadership is based on the philosophy that

educational administration is an ongoing process. The increasing complexity of instructional, social, political and legal concerns constantly alters the roles of those holding positions of educational leadership. Therefore, the educational administrator must engage in appropriate developmental activities designed to improve professional knowledge and skills that are unique to the position.

The objectives of the Ed.S. program are to provide the individual student the opportunity to:

1. Further refine the basic competencies required for successful completion of the certification program.
2. Develop those specialized competencies required to accomplish professional goals. Satisfactory completion of the Ed.S. program prepares students for Alabama Class AA certification.

Instructional Technology

The Master of Education in Instructional Technology is designed for individuals who have a bachelor's degree and who wish to increase their understanding of the role of technology and its appropriate use in the support of student learning. This degree option is also appropriate for industry educators (those outside the P-12 environment) who wish to study instructional design and learn how technology can be used in learning and teaching.

The program is designed to be completed in five semesters but can be extended to other time schedules. All courses are available online.

Candidates for the program must meet the regular admission requirements for the Master of Education (M.Ed.) degree.

Early Childhood/Elementary Education

Traditional Early Childhood Master of Education (P-3)

The early childhood education program is designed to improve the skills of the traditional early childhood education graduate student in teaching, research and curriculum development at the Master of Education level. Students complete core courses in education with a concentration in early childhood education. Satisfactory completion of the program enables students to apply for Alabama Class A certification in early childhood education.

Graduate level students should apply to the graduate coordinator and an individual program will be planned for each student in conjunction with an adviser.

Traditional Elementary Education Master of Education (K-6)

The elementary education program is designed to improve traditional elementary education graduate students' skills of teaching, research and curriculum development at the Master of Education level. Students complete core courses in elementary education and a selected concentration from the following areas: early childhood education, counselor education, reading education, special education and technology. Students who complete the concentration in early childhood education can apply for dual certification in early childhood education and elementary education (P-6). Students who complete other concentrations will allow students to apply for certifica-

tion in elementary education (K-6).

Graduate level students should apply to the graduate coordinator and an individual program will be planned for each student in conjunction with an adviser.

Alternative Childhood Education Master of Education (P-6)

The Alternative Master of Education in Childhood Education is designed for individuals who have a bachelor's degree and desire a master's degree and an Alabama teaching certificate. Students must meet the admission requirements, which include courses and/or experiences in the humanities, social sciences, mathematics and science. At least four mathematics and four science courses are required. The program provides the alternative graduate student with the knowledge in teaching and curriculum to teach in any level from infancy through sixth grade (P-6). Extensive field experiences and an internship in a public school setting are required. Satisfactory completion of the program enables students to apply for Alabama Class A certification in early childhood and elementary education.

Graduate level students should apply to the graduate coordinator and an individual program will be planned for each student in cooperation with an adviser.

Education Specialist in Early Childhood/Elementary Education

Students enrolled in the education specialist program will have completed a master's degree and will have concentration options based on the master's level program. An individual program is planned with an adviser.

Physical Education

The master's degree certification program in physical education is a natural outgrowth of the policy of the School of Education to provide exemplary programs. The skills offered in the program can be of tangible benefit in a variety of professional, school and non-school settings. Satisfactory completion of the requirements of the physical education master's degree certification program qualifies students for Alabama Class A certification.

The master's degree in exercise science provides instructors and administrators in non-school settings such as fitness centers, YMCAs, YWCAs, professional arenas, corporate fitness centers and physical rehabilitation facilities. The program is designed to accommodate the interests, needs and background of each individual. This program is for students who are not interested in teaching certification.

The master's degree in sport management was created due to the ever-increasing demand for individuals with expertise in the area of sport. The program provides a unique opportunity for professionals who want to work in a sport setting. Coursework is designed to meet the needs of each individual student and will prepare students to work in both school and non-school settings. Program completion potentially qualifies appropriate students for Alabama Class A certification.

Students enrolled in the education specialist program will have programs individually designed based on the master's level courses taken. An academic adviser will assist in the design of this program. The Ed.S. also requires successful completion of a comprehensive examination.

Alternative A Physical Education Master of Education (P-12)

The Alternative A Physical Education Master of Education degree is for students with non-teaching degrees related to physical education who wish to pursue teacher certification and receive the M.Ed. degree.

Reading Education

The reading education program prepares reading specialists at the M.Ed. level. Reading courses are also offered for students studying reading as electives for their program and those needing to meet individual requirements. Satisfactory completion of the master's program prepares students for Alabama Class A Reading Specialist certification.

Admission requirements for the reading specialist program include:

- A. At least baccalaureate level certification in any area of education;
- B. Two years of successful classroom teaching experience; and
- C. Certification in early childhood education, elementary education or collaborative teacher (K-6 or 6-12); OR
- D. Completion of two reading courses, including an introduction to reading course.

Secondary Education

A specific program of courses leading toward the M.Ed. degree is planned in conjunction with the student's major adviser. The student should consult an adviser in secondary education for further and continuous assistance in this area.

Applicants for the alternative secondary education program who do not hold a baccalaureate degree in the area to which they are applying will be required to meet the teaching major requirements for the Class B secondary education program.

Special Education

Traditional master's and alternative master's programs in special education may be pursued in early childhood special education, collaborative teacher K-6 or collaborative teacher 6-12. A specific program of coursework is planned in conjunction with the candidate's adviser. The student should consult an adviser in the Graduate Studies Office for further assistance in the appropriate area.

The education specialist degree is offered in the area of collaborative teacher K-6 and collaborative teacher 6-12.

Student Affairs Committee

Students who have concerns about student evaluation, advising, recruitment, retention, student welfare and other similar issues should contact either the chairperson of the Student Affairs Committee of the School of Education or a faculty member as the initial step toward solution of problems related to the School of Education.

■ Description of Courses

Counselor, Leadership and Special Education

Professors Carpenter, Dyal, Flynt, Morton (Head), Reynolds and Thomas
Associate Professor Austin
Assistant Professors Hard and Simmons

Counselor Education (ECED)

6130. Introduction to Play Therapy (3). Includes the history, theoretical approaches, techniques and methods, applications to special settings or populations and legal and ethical issues of the use of play therapy in the treatment of children. Includes a supervised experiential component in a play therapy setting.

6140. Advanced Play Therapy (3). Pr., ECED 6130. Provides comprehensive training in varied theoretical approaches in the application of play therapy with emphasis on the developmental processes of play therapy. Includes supervised practice in play therapy settings.

6180. Introduction to Rehabilitation Counseling (3). Introduction to the rehabilitation process, emphasizing the philosophical, social, psychological, ethical and legal responsibilities of the rehabilitation professional, as well as special client needs. Students also become familiar with rehabilitation and other appropriate available community services.

6220. Introduction to School Counseling (3). Overview and introduction to school counseling, including the history, philosophy, organization, preparation standards, credentials and roles with related professionals. Enables students to develop a conceptual framework for counseling in the school setting.

6230. Ethical and Legal Issues in Counseling (3). Introduces the ethical standards of the American Counseling Association and related professions and their application to ethical, moral and legal considerations in professional counseling. Helps students increase awareness of ethical and legal considerations in a diverse and increasingly technical society.

6240. Introduction to Community Counseling (3). Overview and introduction to the counseling profession in community settings, including the history, philosophy, organization, preparation standards, credentialing, and roles with related professions. Promotes knowledge unique to mental health counseling in community setting.

6250. Diversity in Systemic Marriage & Family Counseling (3). The study of multicultural issues in systemic family structure and family attitudes of selected diverse populations. Factors impacting family relationships such as age, race, gender, SES and sexual orientation will be emphasized.

6260. Career Development and Vocational Assessment (3). Includes career development theories, information systems and resources, vocational assessment, career planning, decision-making models and computer-based career applications. Stresses the developmental nature of decision making throughout life and the interrelationship of work, family, culture, gender and age with career development.

6270. Counseling Diverse Populations (3). Provides opportunities for students to understand the effects of attitudes, experiences, ethnicity and other cultural factors on the counseling process and relationship. Also includes counseling strategies for client populations experiencing loss, victimization, discrimination or other specific concerns.

6280. Helping Relationships: Counseling Theory and Practice I (3). Emphasis on counseling interview techniques and skills helpful in developing and maintaining a therapeutic relationship. Provides experiential and didactic opportunities to learn the historical development of counseling theories and the application of traditional psychodynamic, cognitive, behavioral and humanistic approaches.

6290. Counseling Theory and Practice II (3). Provides experiential and didactic opportunities to learn the application of modern counseling theories, including family systems and brief therapy approaches. Emphasis on goal setting, assessing client needs, designing intervention strategies and evaluating counseling outcomes.

6300. Group Dynamics and Procedures in Counseling (3). Provides experiential opportunities for students to develop an understanding of group development, dynamics and procedures and learn leadership skills helpful in group work. Includes the use of counseling theories in groups, ethical considerations, training standards, conflict resolution models and research.

6310. Community Counseling and Consultation (3). Action and didactic techniques inform students of the organization, administration and evaluation of community counseling programs, mental health centers, private practice and other settings for counseling in the community. Consultation models and grant writing options also included.

6320. School Counseling & Program Planning (3). Organization and administration of school counseling programs including consultation skills and practices. Action and didactic techniques help students learn to assess, plan, manage and evaluate school counseling programs, presents consultation models emphasizing the process and stages of consultation.

6330. Individual and Group Appraisal (3). Includes the history and basic concepts of testing and other assessment techniques, statistical interpretation of measurement, selecting and developing instruments, computer-assisted methods and legal and ethi-

cal concerns. Incorporates specialized methods for evaluating individuals, groups and special populations.

6340. Counseling Children and Adolescents (3). This course includes physical, social and intellectual aspects of child and adolescent development, emphasizing sources of information, consultation, cooperation between school and home, techniques of prevention and evaluation, mental health principles and techniques, case studies, group work and case conferencing techniques.

6350. Human Growth and Development (3). Includes physical, psychological, social, emotional and intellectual development over the life span. Emphasizes strategies for healthy development and environmental factors that affect normal and abnormal behavior. Also includes developmental crises such as family abuse, disabilities, addiction and psychopathology.

6360. Assessment & Diagnosis of Abnormal Behavior (3). Presents a thorough examination of the scope and understanding of abnormal behavior through the life span, emphasizing educational clinical implications. The most recent classification system is used to structure topics in the course.

6370. Addictions Counseling (3). Provides an overview of addictions counseling; covers topics such as addiction issues, assessment, diagnosis, treatment planning, ethical and professional issues in addictions counseling practice, individual/group counseling strategies with diverse populations, pharmacological trends and effects of substance abuse.

6380. Disaster and Crisis Intervention (3). Course focuses on the development of skills and knowledge for crisis intervention and management in counseling. Application is made to individual crisis intervention as well as to broader disaster contexts.

6902. Studies in Counselor Education (3-6). Pr., departmental approval. Independent study in an area within the field of counseling. Selected topic for study is chosen in consultation with the professor supervising the study.

6914. Practicum in Counseling (3). Pr., all core courses and departmental approval. Provides class and supervised on-site practice of individual and group counseling skills with applications of counseling theories and strategies. Direct client service, record keeping, information and referral, appraisal, consultation and evaluations are included.

6923. Internship in Group Leadership (3). Pr., ECED 6300. Provides opportunities to develop group leadership skills by observing different types of groups, co-facilitating group sessions and implementing a group under supervision. Emphasizes group design, conflict resolution, interaction analysis, varying theoretical approaches and research.

6924. Counseling Internship I (3). Pr., ECED 6914 and departmental approval.

Provides supervised individual and group counseling experiences in community or school counseling settings. Counseling diverse populations and practicing a variety of counseling approaches are emphasized.

6925. Counseling Internship II (3). Pr., ECED 6924 and departmental approval.

Advanced training and supervised individual and group counseling experiences in community or school counseling settings. Students have opportunities to become proficient in using several theoretical approaches and developing a personal style of counseling.

6952. Seminar in Counseling (3-6). Pr., approval of instructor or departmental approval. Opportunity for graduate students and professors to cooperatively pursue special counseling topics of interest. Innovations and emerging issues in counseling emphasized. May be repeated once.

7560. Research and Evaluation in Counseling Programs (3). Pr., Ed.S. standing.

Provides study and experience in measurement, appraisal and evaluation of a broad range of objectives in counseling. Emphasizes research designs and procedures appropriate for evaluating counseling programs and outcomes.

7600. Supervision in Counseling (3). Pr., Ed.S. standing. Emphasizes models, types and developmental process of counseling supervision. Includes ethical considerations, program supervision skills, leadership styles, client care management and program planning and evaluation.

7926. Advanced Internship in Counseling I (3). Pr., Ed.S. standing, ECED 6914, ECED 6924, ECED 6925 or equivalent. Supervised experiences in group and individual counseling, program development, consultation and supervision.

7927. Advanced Internship in Counseling II (3). Pr., Ed.S. standing, ECED 6926 or equivalent. Advanced supervised experience in group and individual counseling, program development, consultation and supervision.

7982. Master's Comprehensive Examination in Counseling (0). Pr., all core courses, departmental approval. Required for all candidates for the M.Ed. in counseling. Integration of theory and course work with practical application. Must be taken during the final two semesters of enrollment in the M.Ed. program.

8982. Ed.S. Comprehensive Examination in Counseling (0). Pr., all Ed.S. core courses, departmental approval. Required of all candidates for the Ed.S. in counseling. Opportunity to integrate theory and course work with practical application. Must be taken during the final two semesters of enrollment in the Ed.S. program.

Instructional Leadership (LEAD)**6000. Leadership for Instructional Improvement (3). Pr., departmental approval.**

Instructional leaders' responsibility to establish teaching and learning as the focal point for schools. Examines the proposition that student learning is the fundamental purpose of school.

6100. Instructional Planning for Continuous Improvement (3). Pr., departmental approval. Develops the leadership knowledge and ability in the study of instructional planning for continuous improvement. Emphasis is on the potential instructional leader's responsibility for creating and articulating a shared vision of high expectations for learning within the school or district that fosters a culture of continuous improvement.

6200. Management of the Learning Organization (3). Pr., departmental approval.

Instructional leaders' responsibility to enhance student learning through effective, efficient and equitable utilization of resources. Effective management of the organization, facilities and appropriate collaboration to create a safe and effective learning environment are examined.

6300. Instructional Leadership and Human Resources (3). Pr., departmental approval.

Develops a working knowledge of human resources, including recruitment, selection and induction of employees, effective professional development and personnel planning for instructional improvement.

6400. Instructional Leadership: The Law, Ethics and Diversity (3). Pr., departmental approval.

Provides a comprehensive understanding of legal principles, ethics and diversity. Develops a working knowledge of legal principles, including constitutional requirements, state laws, significant landmark cases, tort law and specific Alabama laws. Students develop a personal code of ethics using the Alabama Educator Code of Ethics. Also focuses on equal opportunity and diversity issues.

6500. The Role of the Instructional Leader in Technology (3). Pr., departmental approval.

Effective leadership for technology in schools. Recognizing the potential of technology, developing competence in information and technology tools and utilizing practical technology applications.

6924. Instructional Leadership Internship (3). Pr., departmental approval.

Culminating experience in the preparation program. Opportunities to demonstrate ability to perform responsibilities and tasks of school leaders. Plans for supervised experiences in a school setting developed cooperatively by faculty members, experienced administrators and interns.

7000. Organizational Behavior in Schools (3). A course in advanced leadership and management that focuses on skills and the knowledge necessary to lead complex educational organizations in a dynamic world.

7100. Educational Finance (3). Understanding effective allocation and management of school finance to improve educational productivity. Examines contexts in which schools function, factors influencing funding and school finance systems providing an equitable, adequate educational program for all students.

7200. Educational Facilities Planning and Management (3). Theories and principles of educational plant planning, design, construction, renovation, maintenance and operation. Examines issues regarding Alabama's school facilities. Considers responsibilities for developing cost-efficient and functional facilities that support the instructional program.

7300. Mentoring in Educational Leadership (3). Orientation and training in the mentoring process for practicing educational administrators. Examines the mentor-intern program. Focuses on the mentor's role and function in preparing individuals to assume positions of leadership in the schools.

7400. Educational Policy Development (3). Analysis of the social, economic, political and technological forces that shape educational policy at the national, state and local level. Development of school district policies, setting priorities and assessing the consequences of policy enactment.

7500. Research in Educational Leadership (3). Pr., departmental approval. Advanced graduate students review, analyze and interpret available research with emphasis on developing original research to meet the changing needs of educational leadership. Students apply knowledge and skills in research design, methodology and evaluation.

7902. Studies in Educational Leadership (1-6). Pr., departmental approval. Supervised independent study of a selected issue, problem or trend affecting educational leadership. Appropriate research techniques and methodologies are employed. Maximum of 3 hours may be earned toward the M.Ed.

7982. M.Ed. Comprehensive Examination (0). Pr., departmental approval. Cumulatively addresses course content and learning experiences related to the program of study in instructional leadership.

7984. Problem Analysis Project (1-6). Pr., departmental approval. Directed by supervising professor student defines, analyzes and proposes an appropriate solution to a school system, state or national problem of concern to educational leaders. Advanced study provides opportunity to conduct a formal, systematic inquiry into a specialized educational leaders.

8972. Current Issues in Educational Leadership (6). Pr., departmental approval. Graduate students and professors cooperatively explore and analyze selected issues and concerns in educational leadership utilizing a seminar format.

8982. Ed.S. Comprehensive Exam (0). Cumulatively addresses course content and learning experiences related to the advanced program of study in educational leadership.

Special Education (ESPE)

6040. Advanced Study of Early Childhood Special Education (3). Pr., graduate standing. Advanced study of trends, issues and evidence-based strategies related to teaching young students with exceptionalities. The course will focus on early intervention and preschool special education for students from birth to age 8. May be taught concurrently with ESPE 4040.

6050. Advanced Study of Behavior Management of Students with Exceptionalities (3). Pr., graduate standing. This course presents the theoretical foundations and evidence-based strategies for managing behavior of all students, including those students with exceptionalities who consistently exhibit inappropriate behaviors in the classroom. May be taught concurrently with ESPE 4050.

6060. Advanced Study of Problems and Issues in Early Childhood Special Education (3). Pr., graduate standing. An advanced research course emphasizing problems and issues associated with administering and implementing educational programs for young children with exceptionalities, birth through age 8.

6100. Students with Special Needs (3). Pr., graduate standing. An overview of the various exceptionalities, including the etiology, incidence, laws and strategies related to teaching students with exceptionalities. Field experience is included.

6200. Advanced Study of Special Education: Critical Professional Components (3). Pr., ESPE 6100 (or comparable course taken at the undergraduate level). Advanced study of critical professional components in special education. Topics include ethics, roles and responsibilities of the special educator, special education law, policies and procedures and transition. May be taught concurrently with ESPE 4200.

6300. Advanced Study of Assessment of Students with Exceptionalities (3). Pr., ESPE 6200, graduate standing. Advanced course that addresses the multi-assessment approach related to studying formal and informal assessment. Participants will learn to administer standardized assessment instruments as well as interpret assessment results for the purpose of writing individualized educational programs for students with exceptionalities. May be taught concurrently with ESPE 4300.

6350. Advanced Study of Collaboration and Consultation (3). Pr., graduate standing. Examination of and training in collaborative teaching in educational settings. Participants will study interpersonal relationships with other professionals in the school setting and with families of students with exceptionalities. Included are evidence-based best practices in collaboration, the fundamentals of group processes, and skills needed for collaboration. May be taught concurrently with ESPE 4350.

6400. Advanced Study of Health Care Perspectives of Students with Exceptionalities (3). Pr., ESPE 6200, graduate standing. Emphasizes the relationship between health-related conditions of students with exceptionalities and their progress in the general education curriculum. First aid and CPR training/certification are components of this course. May be taught concurrently with ESPE 4400.

6500. Advanced Study of Teaching and Learning Strategies for Students with Exceptionalities (3). Pr., ESPE 6200, graduate standing. Emphasizes evidence-based teaching and learning strategies to meet the individual learning needs of students with exceptionalities. Included are methods for providing accommodations and making modifications for students to be successful learners in the general education curriculum.

6510. Research Studies in Special Education (3). Pr., FNDS 6610, education specialist standing. Candidates conduct an in-depth research-related project in consultation with the instructor.

6600. Advanced Techniques for Working with Families of Students with Exceptionalities (3). Pr., graduate standing. Principles of working with families of students with exceptionalities from diverse backgrounds. Emphasis given to evidence-based and best practices of working with families to help students be successful learners. May be taught concurrently with ESPE 4600.

6700. Assistive Technology (3). Pr., graduate standing. This web-assisted course is comprised of readings, lecture, discussion, evaluation and application of assistive technology for students with exceptionalities who require access to the general education curriculum.

6800. Advanced Study of Teaching Basic Mathematics and Reading Skills to Students with Exceptionalities (3). ESPE 6200, graduate standing. This course covers the advantages and limitations of curriculum and instructional strategies for teaching basic mathematics and reading skills to students with exceptionalities. Students will learn about modifications and accommodations of basic mathematics and reading instruction to integrate learners into the general curriculum. This course will focus on evidence-based reading instruction for students with exceptionalities. Basic mathematics strategies for teaching students with exceptionalities will be covered. The course provides the tools to individualize instruction in a variety of school environments based on assessment, effective planning and instructional design.

6902. Studies in Special Education for Collaborative Teacher (K-6), Collaborative Teacher (6-12), Early Childhood Special Education (3-9). Pr., ESPE 6200, graduate standing. Independent study of a topic in an area related to working with students with exceptionalities. Topics will be selected in consultation with supervising professor.

6914. Advanced Practicum in Special Education for Collaborative Teacher (K-6), Collaborative Teacher (6-12), Early Childhood Special Education (3). Pr., graduate standing, departmental and adviser approval. Supervised field experiences in specific program area of study.

6924. Professional Internship in Special Education for Collaborative Teacher (K-6), Collaborative Teacher (6-12), Early Childhood Special Education (6). Pr., graduate standing in alternative master's program, professional internship for alternative master's program areas of collaborative teacher (K-6), collaborative teacher (6-12), early childhood special education. With adviser approval, candidates must submit an application for internship to the School of Education director of field and clinical experiences. After the application is approved, candidates are placed in accredited public schools for one semester of supervised teaching experiences.

6952. Seminar in Area of Specialization for Collaborative Teacher (K-6), Collaborative Teacher (6-12) (3-9). Pr., education specialist standing, departmental and adviser approval. Seminar participants engage in professional development activities and document professional growth.

6970. Critical Issues and Current Trends in Special Education (3). Pr., education specialist standing, departmental and adviser approval. Issues and trends impacting special education. Advance graduate candidates conduct an in-depth analysis of issues relevant to their specific program areas of study.

7914. Education Specialist Practicum in Special Education for Collaborative Teacher (K-6), Collaborative Teacher (6-12) (3). Pr., educational specialist standing, departmental and adviser approval. Supervised field experience in program area of study.

7982. Master's Comprehensive Examination for Collaborative Teacher (K-6), Collaborative Teacher (6-12), Early Childhood Special Education (0). Pr., graduate standing, departmental and adviser approval. Comprehensive examination of knowledge and skills from professional courses for candidates completing traditional master's degree and alternative master's degree.

8982. Education Specialist Comprehensive Examination for Collaborative Teacher (K-6), Collaborative Teacher (6-12) (0). Pr., education specialist standing, departmental and adviser approval. Comprehensive examination of knowledge and skills from professional courses.

Early Childhood, Elementary and Reading Education

Professor Bowden

Associate Professors Buskist, Hogan and Mills (Head)

Assistant Clinical Professors Granthom, Tharpe and Walters

Childhood Education (ECEL)

6013. Principles of Teaching (3). Pr., graduate standing. Introduces alternative students to the profession of early childhood and elementary education. Extensive field experiences included.

6453. Professional Development Seminar (3). Pr., admission to professional internship. Study of special topics relevant to childhood education. Course must be taken concurrently with professional internship (ECEL 6924).

6914. Practicum in Early Childhood/Elementary (3). Pr., departmental approval. Supervised experiences in applying skills, concepts, values and principles acquired in previous courses.

6924. Graduate Professional Internship (6). Pr., admission to professional internship. Alternative students are placed in public school settings for supervised teaching experiences.

7553. Teachers as Researchers in Education (3). Pr., departmental approval. A study of theoretical frameworks, concepts and designs in qualitative research. Includes an overview of historical and current issues. Field experiences and research initiated.

7914. Advanced Practicum in Early Childhood/Elementary Education (6). Pr., graduate standing. Clinical experiences for advanced childhood education students in applying knowledge acquired in previous courses. Enrollment limited to Ed.S. students.

7982. M.Ed. Comprehensive Exam for Childhood Education (0). Pr., departmental approval (alternative mater's candidates only). Comprehensive examination covering material from professional courses.

8982. Thesis in Childhood Education (6). Pr., graduate standing. Candidates will prepare a theoretical thesis formulated from research conducted in their classroom or other educational setting. The method(s) of inquiry will be selected based on a review of current literature.

Early Childhood Education (ECHE)

6403. Curriculum and Teaching Preschool (3). Pr., graduate standing. Advanced study of early childhood education with emphasis on the role of the teacher and the preschool curriculum. Extensive field experiences provided for alternative students.

6423. Developmental Processes (3). Pr., graduate standing. Review and interpretation of substantive areas of child development especially for infants and toddlers. Emphasis on establishing a developmentally appropriate curriculum and environment. Extensive field experiences provided for alternative students.

6433. Current Trends in Early Childhood Education (3). Pr., graduate standing. Developments, issues and trends in early childhood education programs.

7513. Research Studies in Early Childhood Language Arts I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends within early childhood language arts.

7514. Research Studies in Early Childhood Language Arts II (3). Pr., ECHE 7513. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for early childhood language arts.

7515. Research Studies in Early Childhood Language Arts III (3). Pr., ECHE 7514. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research dealing with curriculum trends, issues and problems in early childhood language arts.

7516. Research Studies in Early Childhood Language Arts IV (3). Pr., ECHE 7515. Review, analysis and interpretation of research leading to development and implementation of a quantitative or qualitative research study in early childhood language arts.

7523. Research Studies in Early Childhood Mathematics I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in early childhood mathematics.

7524. Research Studies in Early Childhood Mathematics II (3). Pr., ECHE 7523. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for early childhood mathematics education.

7525. Research Studies in Early Childhood Mathematics III (3). Pr., ECHE 7524. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on curriculum trends, issues and problems in early childhood mathematics.

7526. Research Studies in Early Childhood Mathematics IV (3). Pr., ECHE 7525. Review, analysis and interpretation of research leading to development and implementation of a quantitative or qualitative research study in early childhood mathematics.

7533. Research Studies in Early Childhood Social Studies I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in early childhood social studies.

7534. Research Studies in Early Childhood Social Studies II (3). Pr., ECHE 7533. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for early childhood social studies.

7535. Research Studies in Early Childhood Social Studies III (3). Pr., ECHE 7534. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on teaching methods and strategies for early childhood social studies.

7536. Research Studies in Early Childhood Social Studies IV (3). Pr., ECHE 7535. Review, analysis and interpretation of research leading to development and implementation of a quantitative or qualitative research study in early childhood social studies.

7543. Research Studies in Early Childhood Science I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in early childhood science.

7544. Research Studies in Early Childhood Science II (3). Pr., ECHE 7543. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for early childhood science.

7545. Research Studies in Early Childhood Science III (3). Pr., ECHE 7544. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on curriculum trends, issues and problems in early childhood science.

7546. Research Studies in Early Childhood Science IV (3). Pr., ECHE 7545. Review, analysis and interpretation of research leading to the development and implementation of quantitative or qualitative research study in early childhood science.

7982. Master's Comprehensive Examination for Early Childhood (0). Pr., departmental approval. Comprehensive examination covering material from professional courses.

8982. Education Specialist Comprehensive Exam for Early Childhood (0). Pr., departmental approval. Comprehensive examination covering material from professional courses.

Elementary Education (ELEM)

6513. Curriculum and Teaching Elementary Language Arts (3). Pr., graduate standing. A critical study of teaching practices and reappraisal of selected experiences and content for curriculum improvement in language arts. Extensive field experiences provided for alternative students.

6523. Curriculum and Teaching Elementary Mathematics (3). Pr., graduate standing. A critical study of teaching practices and reappraisal of selected experiences and content for curriculum improvement in mathematics. Extensive field experiences provided for alternative students.

6533. Curriculum and Teaching Elementary Social Studies (3). Pr., graduate standing. A critical study of teaching practices and reappraisal of selected experiences and content for curriculum improvement in social studies. Extensive field experiences provided for alternative students.

6543. Curriculum and Teaching Elementary Science (3). Pr., departmental approval. A critical study of teaching practices and reappraisal of selected experiences and content for curriculum improvement in science. Extensive field experiences provided for alternative students.

7513. Research Studies in Elementary Language Arts I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in elementary language arts.

7514. Research Studies in Elementary Language Arts II (3). Pr., ELEM 7513. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for elementary language arts.

7515. Research Studies in Elementary Language Arts III (3). Pr., ELEM 7514. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on curriculum trends, issues and problems in elementary language arts.

7516. Research Studies in Elementary Language Arts IV (3). Pr., ELEM 7515. Review, analysis and interpretation of research in language arts education leading to development and implementation of quantitative or qualitative research study in elementary language arts.

7523. Research Studies in Elementary Mathematics I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in elementary mathematics.

7524. Research Studies in Elementary Mathematics II (3). Pr., ELEM 7523. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for elementary mathematics.

7525. Research Studies in Elementary Mathematics III (3). Pr., ELEM 7524. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on curriculum trends, issues and problems in elementary mathematics.

7526. Research Studies in Elementary Mathematics IV (3). Pr., ELEM 7525. Review, analysis and interpretation of research leading to development and implementation of a quantitative or qualitative research study in elementary mathematics.

7533. Research Studies in Elementary Social Studies I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in elementary social studies.

7534. Research Studies in Elementary Social Studies II (3). Pr., ELEM 7533. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for elementary social studies.

7535. Research Studies in Elementary Social Studies III (3). Pr., ELEM 7534. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on teaching methods and strategies for elementary social studies.

7536. Research Studies in Elementary Social Studies IV (3). Pr., ELEM 7535. Review, analysis and interpretation of research leading to development and implementation of a quantitative or qualitative research study in elementary social studies.

7543. Research Studies in Elementary Science I (3). Pr., departmental approval. Review, analysis and interpretation of research with emphasis on research into trends in elementary science.

7544. Research Studies in Elementary Science II (3). Pr., ELEM 7543. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing quantitative research on teaching methods and strategies for elementary science.

7545. Research Studies in Elementary Science III (3). Pr., ELEM 7544. Review, analysis and interpretation of research with emphasis on reading, interpreting and designing qualitative research on curriculum trends, issues and problems in elementary science.

7546. Research Studies in Elementary Science IV (3). Pr., ELEM 7545. Review, analysis and interpretation of research leading to development and implementation of quantitative or qualitative research study in elementary science.

7982. Master's Comprehensive Examination for Elementary Education (0). Pr., departmental approval. Comprehensive examination covering material from professional courses.

8982. Education Specialist Comprehensive Exam for Elementary Education (0). Pr., departmental approval. Comprehensive examination covering material from professional courses.

Reading Education (READ)

6253. Curriculum and Teaching Reading I (3). Pr., graduate standing, Alternative A students only, taken concurrently with READ 6254. An introduction to the teaching of reading. Focuses on beginning reading acquisition and instruction and is designed for students who have not had reading education courses at the undergraduate level.

6254. Curriculum and Teaching Reading II (3). Pr., graduate standing, alternative students only, taken concurrently with READ 6253. A critical study in the teaching of reading. Focuses on expanding reading acquisition and instruction. Designed for students who have not had undergraduate reading education courses. Extensive field experiences provided.

6255. Advanced Curriculum and Teaching Reading (3). Pr., graduate standing. Designed for teachers who have had undergraduate reading education courses and who wish to deepen their understanding of reading processes and reading instruction. Provides a critical study of theory, reading acquisition, assessment and instruction.

6353. Teaching Reading with Children's Books (3). Pr., graduate standing. Emphasizes a literature approach to the teaching of reading. Examines a wide variety of reading materials and media. Extensive field experiences provided for alternative students.

6400. Current Trends in Reading (3). Pr., graduate standing. Reading instruction, including the role of reading in total school and community, is studied. Provides for individual interests and examines current theories, methods and materials in reading.

6553. Diagnostic/Prescriptive Procedures in Reading (3). Pr., graduate standing.

Administration and interpretation of tests to determine reading ability. Emphasis on analysis of test information in the planning and implementing individual prescriptive reading programs.

6563. Reading in the Content Areas (3). Pr., graduate standing. Effective reading instruction in the content areas discussed. Emphasis on materials and techniques of critical reading skills relating to content areas.

6914. Practicum in Reading I (3). Pr., departmental approval. Opportunity to apply the knowledge gained from reading education course work. Emphasis on providing literacy service to students in reading intervention programs at a variety of levels.

6915. Practicum in Reading II (3). Pr., departmental approval. Opportunity to apply the knowledge gained from reading education course work. Emphasis on providing literacy service to students in reading intervention programs at a variety of levels.

6924. Organization and Supervision of Reading Programs (3). Pr., departmental approval. Provides supervised experiences for advanced reading students in applying knowledge acquired in previous courses. Students are involved in a mentoring relationship with other teachers in a reading program.

7982. Master's Comprehensive Examination for Reading Teacher (0). Pr., departmental approval. Comprehensive examination covering material from professional courses.

Foundations and Secondary Education

Professors Alexander, Gilchrist (Head) and Riley
Associate Professors Sanders and Young-White
Assistant Professors Good, Manning and Shumack

General Education (EDUC)

6494. Individualized Instruction (1-6). Pr., departmental approval. Experiences designed to give elementary and secondary teachers a variety of instructional techniques in individualized instruction. Includes overview, assessment and evaluation techniques, learning strategies and new management practices.

6914. Practicum in Education (1-3). Pr., graduate standing. Independent (directed) field experience during intership. May be taught concurrently with EDUC 4914. May also be taught as an independent (study) practicum course (1-3 hours) in the traditional masters program.

6972. Workshop in Education (1-6). Pr., graduate standing. Workshop experiences in education. May be taught concurrently with EDUC 4972.

Foundations of Education (FNDS)

6000. Historical and Philosophical Foundations of Education (3). Pr., graduate standing. Analysis and interpretation of the interaction of historical, philosophical and sociological considerations affecting education in a modern society.

6010. Innovations in E-Learning (3). Pr., graduate standing. An investigation of what constitutes e-learning and why some technological innovations are adopted more readily than others. Hands-on experiences with new communication technologies and their effect on teaching and learning practices.

6170. Advanced Educational Psychology (3). Pr., graduate standing. An in-depth analysis of the psychological bases of learning. Particular emphasis on the development and modification of cognitive and affective behavior. A field experience is required.

6213. Computer-Based Instructional Technologies (3). Pr., graduate standing. Designed to demonstrate: (1) competency in the educational context of computers; (2) competency in the knowledge of computer systems; (3) competency in the knowledge of software; and (4) skill in computer use. May be taught concurrently with FNDS 4703.

6223. Current and Emerging Instructional Technologies (3). Pr., FNDS 6213, graduate standing. Designed to demonstrate: (1) competency in software and applications; (2) skill in desktop publishing; (3) skill in graphics; (4) skill in hypermedia; and (5) skill in telecommunications.

6233. Curriculum Integration of Technology (3). Pr., FNDS 6223, graduate standing. Designed to demonstrate: (1) knowledge of curriculum integration; (2) skill in instructional design; (3) production skills; (4) evaluation skills; and (5) complete projects based upon these competencies.

6243. Instructional Design (3). Pr., graduate standing. This course is designed to introduce and apply the fundamentals of instructional design using a systems approach model; that is, the ideas and procedures for analyzing, designing, developing, implementing and formatively evaluating instruction. In this course, the emphasis will be on the development of authentic instructional materials.

6253. Coordinating Technology (3). Pr., graduate standing. This course examines the role of leadership as it relates to the implementation of educational technology and is designed to apply the skills and knowledge needed to direct the use of learning technologies in a variety of educational settings. Students taking this course will be exposed to a range of concepts and components related to the coordination and direction of technology facilities and resources in industry and/or a K-12 setting.

6300. Education in Culturally Diverse Environments (3). Pr., graduate standing.

Effective teaching in multicultural and diverse environments. Includes content and strategies in classroom management, curriculum and instructional techniques for elementary, middle school and secondary teachers.

6610. Research in Education (3). Pr., graduate standing. A basic research course designed to evaluate research design, methods and experimentation in education and related areas.

6650. Applied Educational Statistics (3). Pr., graduate standing. An introductory statistics course for graduate students in education. Emphasis on fundamental statistical concepts.

6800. Measurement and Evaluation in Teaching (3). Pr., graduate standing, one methods course. Methods, procedures and evaluative instruments for determining teaching effectiveness, pupil learning, and attainment of educational goals in cognitive, psychomotor and affective areas. May be taught concurrently with FNDS 4800.

6902. Studies in Educational Foundations (1-3). Pr., graduate standing. Supervised independent study of issues, problems and trends affecting educational theorizing and practice. Emphasis on application of knowledge from social sciences to predict and resolve educational problems. Maximum credit 3 hours.

6952. Seminar in Humanistic and Behavioral Studies (1-3). Pr., graduate standing. An analysis of selected topics in the humanistic and behavioral studies component of teacher education. Maximum credit 3 hours.

Secondary Education (SCED)

6000. Principles of Teaching in Diverse Environments (3). Pr., graduate standing, departmental approval. An introduction to basic principles of teaching, including planning, classroom environments and relationship skills; teaching strategies for diverse student abilities; multicultural education; professionalism; and classroom management and discipline. Field experiences required. May be taught concurrently with SCED 4000.

6050. Classroom Management and Teaching Middle and Secondary Schools (4). Pr., graduate standing, SCED 6000. Instructional methods, the learning process and evaluation of learning in middle and secondary school settings; theory and application of curriculum development for various academic disciplines. Field experiences required. This is a writing intensive class. May be taught concurrently with SCED 4050.

6100. Teaching Methods for Secondary Language Arts (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students teaching secondary language arts. Provides specific instructional strategies and techniques. Includes a review of curriculum standards and assessment strategies for the discipline. Field experiences required. May be taught concurrently with SCED 4100.

6110. Teaching Methods for Secondary Mathematics (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students teaching secondary mathematics. Provides specific instructional strategies and techniques. Includes a review of curriculum standards and assessment strategies for the discipline. Field experiences required. May be taught concurrently with SCED 4110.

6120. Teaching Methods for Middle School (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students seeking middle school certification. Addresses specific techniques for teaching middle school: teaming, interdisciplinary themes and units, exploratory courses and adviser/advsee programs. Includes middle school philosophy and field experiences. May be taught concurrently with SCED 4120.

6130. Teaching Methods for Secondary Science (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students teaching secondary science. Provides specific instructional strategies and techniques. Includes review of curriculum standards and assessment strategies for the discipline. Field experiences required. May be taught concurrently with SCED 4130.

6140. Teaching Methods for Secondary Social Science Education (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students teaching secondary social science education. Provides specific instructional strategies and techniques. Includes a review of curriculum standards and assessment strategies. Field experiences required. May be taught concurrently with SCED 4140.

6152. Teaching Methods for Art (3). Pr., graduate standing, SCED 6000 and SCED 6050. Required for all students teaching art. Provides specific instructional strategies and techniques. Includes a review of curriculum standards and assessment strategies. Field experiences required. May be taught concurrently with SCED 4152.

6510. Research Studies in Education in Areas of Specialization (3). Pr., graduate standing. Review, analysis and interpretation of research, with emphasis on designing new research to meet the changing needs of the school.

6520. Curriculum and Teaching in Area of Specialization (3). Pr., graduate standing. A critical study of teaching practices and reappraisal of selecting experiences and content for curriculum improvement.

6540. Evaluation of Program in Area of Speciality (3). Pr., graduate standing.

Evaluation and investigation of teaching effectiveness, with attention also given to the utilization of human and material resources and the coordination of areas of specialization with the total school program and with other education programs of the community.

6570. Advanced Instructional Strategies (3). Pr., graduate standing. A theory-practice course designed for in-service teachers committed to a serious examination of their teaching practices. Co-equal emphasis on theory and practice.

6902. Studies in Education (1-3). Pr., graduate standing. Independent study in major area to be selected in consultation with the professor who will supervise the study. Maximum credit 3 hours.

6924. Professional Internship in the Secondary School (1-6). Pr., graduate standing, departmental approval. Students placed in accredited public schools in the area for supervised teaching experiences. Students must submit an application for internship to the director of laboratory experiences prior to placement.

6952. Seminar (1-3). Pr., graduate standing. An analysis of selected topics in area of specialization. Maximum credit 3 hours.

7982. Master's Comprehensive Exam (0). Pr., graduate standing. A comprehensive exam to evaluate graduate study.

7992. Master's Thesis (3). Pr., graduate standing, departmental approval, FNDS 6610. The thesis is a formal research project in the area of exercise science or physical education.

Physical Education and Exercise Science

Professors Brown (Dean), Olson and Williford (Head)

Associate Professor Reilly

Assistant Professors Esco, Gross and Schaefer

Physical Education and Exercise Science (PHED)

6003. Advanced Exercise Physiology (3). Pr., graduate standing, undergraduate Exercise Physiology. An advanced study of exercise physiology as it relates to human movement. May be taught concurrently with PHED 4003.

6013. Advanced Cardiac Rehabilitation (3). Pr., graduate standing, undergraduate Exercise Physiology. Emphasizes the theories, programming and procedures in rehabilitating those with cardiovascular disease. Students acquire academic and practical experience in exercise and therapeutic exercise prescriptions. May be taught concurrently with PHED 4013.

6020. Elementary Methods in Physical Education (3). Pr., graduate standing. Provides an in-depth study of current research, issues and trends in elementary physical education. Research is conducted in these areas to ascertain the best current practices available.

6030. Advanced Methods of Teaching Physical Education (3). Pr., graduate standing. Provides an in-depth study of instructional methods, the learning process, evaluation, curriculum trends and factors impacting the physical education program. May be taught concurrently with PHED 4030.

6043. Advanced Kinesiology (3). Pr., graduate standing. An advanced course in the study of human motion. Biomechanics related to sport and exercise emphasized. May be taught concurrently with PHED 4043.

6044. Advanced Biomechanics (3). Pr., PHED 6043. Study of the mechanical laws and principles that govern human movement and their application to activities of daily living, fitness, sport and rehabilitation.

6050. Advanced Motor Development (3). Pr., graduate standing. Measurement, evaluation and neurological structure of the human organism. Researching the motor learning aspect of the development of motor skills is an integral component of the course. May be taught concurrently with PHED 4050.

6160. Advanced Adapted Physical Education (3). Pr., graduate standing. Development of adapted programs to meet the needs of children with exceptionalities. Identification and diagnosis of various discrepancies also included. May be taught concurrently with PHED 4160.

6183. Advanced Measurement and Evaluation (3). Pr., graduate standing. Elements of measurement and evaluation as they relate to research design, statistics and fundamentals of exercise testing. May be taught concurrently with PHED 4183.

6200. Organization and Administration of Sports and Physical Education (3). Pr., graduate standing. A course designed to study the organizational and administrative duties associated with sports and physical education.

6230. Scientific Basis of Exercise (3). Pr., graduate standing. Scientific basis for exercise training, conditioning and coaching-related variables.

6243. Advanced Exercise Prescription (3). Pr., graduate standing. Principles of exercise prescription as they relate to normal and special populations. May be taught concurrently with PHED 4153.

6250. Nutritional Basis of Exercise (3). Pr., graduate standing. An overview of the relationships between nutrition and motor performance. Consideration of materials applicable to nutrition and survey of current literature in the field of nutrition education. May be taught concurrently with PHED 4250.

6260. Consumer Health (3). Pr., graduate standing. Principles related to selection and use of health products and services. Consideration of materials applicable to consumer health education, evaluation techniques, preparation of consumer health teaching units and survey of current literature.

6270. Advanced Sociology of Sport and Physical Activity (3). Pr., graduate standing. Introduces the sociological aspects of sport and physical activity. Attention given to the role of sport in connection with other spheres of social life such as family, education, politics and the media.

6280. Psychology of Coaching (3). Pr., graduate standing. Introduces and evaluates the psychological aspects of teaching and coaching. Emphasis on the psychological preparation of the individual athlete and team cohesiveness. May be taught concurrently with PHED 4280.

6310. Ethics in Sport (3). Pr., graduate standing. A course designed to promote critical examination of ethical issues and moral dilemmas inherent in sport and physical education.

6320. Adapted Physical Education (3). Pr., graduate standing. Prepares students to recognize the physiological discrepancies that affect motor learning. Students required to analyze selected diagnostic instruments. May be taught concurrently with PHED 4320.

6340. Risk Management and Legal Issues in Sport and Physical Education (3). Pr., graduate standing. Provides graduate students with an in-depth study of risk management and legal issues facing sport managers and physical education teachers.

6350. Sport Facility Planning & Construction (3). Pr., graduate standing. Provides graduate students an overview of the fundamentals of planning, design and construction of physical education, recreation and sport facilities.

6363. Advanced Emergency Medical Care (3). Pr., graduate standing. Provides professional rescuer skills (BLS, first aid, advanced care). Injury and disease prevention emphasized in conjunction with practical skills and teaching experiences. May be taught concurrently with PHED 4363.

6383. Advanced Athletic Training (3). Pr., graduate standing. Current practices in sports medicine, including practical experience in training athletes and preventing and treating sport injuries. May be taught concurrently with PHED 4383.

6924. Advanced Internship in Physical Education (3-9). Pr., graduate standing, departmental approval. An internship to gain or improve knowledge and abilities related to teaching physical education.

6944. Professional Leadership (3). Pr., graduate standing, departmental approval. Opportunity to gain knowledge and professional experience in program development, supervision and leadership. May be taught concurrently with PHED 4944.

6972. Problems and Issues (3). Pr., graduate standing, departmental approval. Research of current problems and issues in physical education or exercise science.

7914. Advanced Practicum in Physical Education, Exercise Science and Sport Management (3-6). Pr., graduate standing and department approval. Advanced practical experiences in professional settings related to physical education, exercise science and sport management.

7915. Advanced Practicum in Physical Education or Exercise Science (3-6). Pr., graduate standing and departmental approval. Advanced practical experiences in professional settings related to physical education or exercise science.

7982. Master's Comprehensive Exam (0). Pr., graduate standing. A comprehensive exam to evaluate graduate study.

7985. Non-Thesis Project (3). Pr., graduate standing, departmental approval, FNDS 6610. A course for the non-thesis major to develop a comprehensive research project.

7992. Master's Thesis (3). Pr., graduate standing, departmental approval, FNDS 6610. Formal research project in the area of exercise science or physical education.

8982. Education Specialist Comprehensive Exam (0). Pr., departmental approval. Comprehensive exam evaluate advanced graduate study.

School of Liberal Arts

Dr. Michael Burger, Dean

Master of Liberal Arts
Master of Arts in Sociology
Master of Science in Sociology

■ Graduate Work in the School of Liberal Arts

The M.L.A. Degree

The Master of Liberal Arts degree is designed for students seeking intellectual challenge and interested in exploring a variety of current and classical ideas, themes and problems through the disciplines of the liberal arts. An interdisciplinary program, the M.L.A. involves students in the areas of art, communication, English, foreign language, geography, geographic information systems (GIS), history, international studies, music, philosophy, sociology and theatre. Following a wide-ranging survey of developments in culture and society of the Western world, the student builds a focused array of course work leading to a specific project and a thesis. Throughout the M.L.A. curriculum, students are challenged to write on diverse topics, thus sharpening the skills of critical thinking, effective analysis and scholarly research.

The Master of Liberal Arts is not a traditional professional degree but should enhance any student's effectiveness in a career, regardless of profession, in addition to providing opportunities for intellectual growth.

Graduate Study Requirements

The program is open to graduates from any field who have demonstrated the capability to undertake graduate study. Graduate students must meet all admission requirements of the AUM Graduate School pertaining to the master's degree. Evidence considered includes undergraduate degree transcripts and scores on the Graduate Record Examination or the Miller Analogies Test as well as a letter from the candidate explaining his or her particular interest in the M.L.A. program and plans for specialization(s) within it.

The 31-hour M.L.A. program begins with three required core courses that establish a basis for interdisciplinary study and serve as prerequisites to further course work. Six additional courses are chosen from the M.L.A. seminars and, with permission, from the graduate courses offered in particular disciplines in liberal arts to explore the student's individual area of concern. The degree culminates with a required thesis seminar, thesis and thesis defense.

A grade average of at least B in all courses attempted in the student's graduate program is required for graduation. The normal course load is 9 hours per semester. Course loads in excess of 12 hours must be approved by the dean of the School of Liberal Arts. All requirements for the M.L.A. degree must be completed within five calendar years from the date the student begins graduate study.

■ The Master of Liberal Arts Program

The Master of Liberal Arts degree requires 31 semester hours in all. The following 7 hours of course work are prerequisite to further study toward the M.L.A. degree; a graduate course may, however, be taken concurrently with them.

Core Courses (M.L.A.S.)

6000. Research and Writing (2). Pr., admission to MLA program. Required of all students in the Master of Liberal Arts program. Must be taken in conjunction with MLAS 6010 when offered. Emphasizes interdisciplinary writing and introduces the student to library research at the graduate level.

6010. Themes in Culture and Society I (3). Pr., admission to MLA program. Required of all students in the Master of Liberal Arts program. Must be taken by MLA students in the first two semesters when offered. Credit for or concurrent registration in MLAS 6010 or MLAS 6020 when offered is prerequisite for all other MLA courses. An interdisciplinary exploration of culture and society through aesthetics, art, communication, drama, history, literature, music, politics, philosophy and social movements from ancient times through the 17th century.

6020. Themes in Culture and Society II (3). Pr., admission to MLA program. Required of all students in the Master of Liberal Arts program. Must be taken by MLA students in the first two semesters when offered. Credit for or concurrent registration in MLAS 6010 or MLAS 6020 when offered is prerequisite for all other MLA courses. An interdisciplinary exploration of culture and society through aesthetics, art, communication, drama, history, literature, music, politics, philosophy and social movements from the 17th century to the present.

M.L.A. Seminar Electives (M.L.A.)

When the core courses are completed, the student's individual area of study is planned with the M.L.A. graduate coordinator. This area of study is comprised of six 3-hour semester courses (18 hours) chosen from the M.L.A. seminars. With permission of the M.L.A. coordinator, students may supplement these seminars with selected graduate course work from the individual disciplines. Course work must be done in at least two fields. The M.L.A. seminars are:

6100. Studies in Fine Arts (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period and topic courses in fine arts; the exact emphasis specified at each course offering.

6150. Studies in Music (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period and topic courses in music; the exact emphasis specified at each course offering.

6200. Studies in English (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in English; the exact emphasis specified at each course offering.

6250. Studies in Philosophy (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in philosophy; the exact emphasis specified at each course offering.

6300. Studies in History (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in history; the exact emphasis specified at each course offering.

6400. Studies in International Studies (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in international studies; the exact emphasis specified at each course offering.

6500. Studies in Sociology (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in sociology; the exact emphasis specified at each course offering.

6600. Studies in Theatre (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in theatre; the exact emphasis specified at each course offering.

6650. Studies in Communication (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topics courses in communication; the exact emphasis specified at each course offering.

6930. Directed Study in Liberal Arts (1-6). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Permission of MLA coordinator and instructor.

Thesis-Related Courses

The two required thesis-related courses (5 semester hours) and successful defense of the thesis complete the work for the degree:

6952. Thesis Seminar (2). Pr., completion of 21 hours in the MLA program. A seminar for the development of a thesis topic, preliminary research on that topic and the writing of a thesis prospectus with bibliography.

6992. Thesis (3). Pr., completion of all other course work in the MLA program and a 3.0 graduate GPA on a 4.0 scale. The student will submit to the Liberal Arts Graduate Committee and defend an approved thesis in partial fulfillment of the requirements for the Master of Liberal Arts degree.

Additional Graduate Offerings in Liberal Arts

In addition to courses for the Master of Liberal Arts degree, the School of Liberal Arts offers graduate courses in anthropology, art, English, geography, gerontology, history, international studies, sociology, speech-language pathology and audiology, and theatre designed to support the master's degree program in education and which can supplement the seminar offerings for the M.L.A. degree. The Liberal Arts courses approved for graduate credit are:

Communication (COMM)

Professor Bhuiyan

Associate Professors McKenzie and Ogburn

Assistant Professors Buchanan, Giagnoni and Wood

6030. Communication Theory (3). Pr., graduate standing. Major theoretical approaches to and issues involved in the study of human communication. Various psychological and sociological conceptualizations of the communication process. May be offered concurrently with COMM 4030.

6504. Advanced Methods and Procedures in Speech Pathology (3). Pr., graduate standing. Advanced studies in service delivery models in speech pathology, program design, implementation procedures and outcome criterion.

6510. Articulation and Phonological Disorders (3). Pr., graduate standing. Advanced studies in disorders of articulation, with emphasis on diagnosis and methods of remediation. Participation in clinical activities required. May be taught concurrently with COMM 4510.

6520. Voice Fluency (3). Pr., graduate standing. Advanced studies in disorders of voice and rhythm, with emphasis on diagnosis and remediation. Participation in clinical activities required. May be taught concurrently with COMM 4520.

6530. Language Development and Disorders (3). Pr., graduate standing. Advanced studies in language development and disorders, with emphasis on diagnosis and remediation of language delay and disorders. Participation in clinical activities required. May be taught concurrently with COMM 4530.

6543. Diagnosis and Clinical Management in Speech-Language Pathology (3). Pr., permission of instructor. Evaluation and clinical management of speech-language disorders, with emphasis on assessment techniques, therapeutic principles and processes. May be taught concurrently with COMM 4543.

6600. Advanced Audiology and Hearing Disorders (3). Pr., graduate standing. Advanced study of the principles of auditory reception, hearing mechanism and problems involved in measuring, evaluating and conserving hearing. Etiology and management addressed.

6610. Hearing Pathology (3). Pr., COMM 6600. Types and causes of auditory disorders; basic principles of special auditory tests for site of lesion. May be taught concurrently with COMM 4610.

6620. Advanced Aural Rehabilitation, Habilitation and Hearing Conservation (3). Pr., graduate standing. Advanced study of the rehabilitation of aurally handicapped children and adults, with emphasis on auditory training, speech reading and hearing aids. Independent study and research required. May be taught concurrently with COMM 4620.

6900. Independent Study in Communication (1-3). Pr., graduate standing, permission of instructor. Special research problems or projects in communication studies as determined by the instructor and student. May be repeated for credit when the topics vary. A maximum of 9 semester hours may be earned.

Theatre (THEA)

Professor Elwell, M. Winkelman and V. Winkelman
Assistant Professor Seibel

6310. The Dramatic Literature and Theatre History of the Western World I (3). Pr., graduate standing. Dramatic literature and theatre history from the rituals of ancient civilizations to the middle of the 19th century. May be taught concurrently with THEA 4310.

6320. The Dramatic Literature and Theatre History of the Western World II (3). Pr., graduate standing. Theatre history and dramatic literature from Ibsen to today. Deals extensively with the theatre of our day. May be taught concurrently with THEA 4320.

6740. Studies in American Drama and Theatre (3). Pr., graduate standing. Topics in the history and major developments of American dramatic literature and the stage. May be repeated twice when the topics vary. May be offered concurrently with THEA 4740.

6852. Studies in Drama (3). Pr., graduate standing. Examination of a sub-genre or period of drama, such as tragedy, Restoration comedy, 18th century British drama or modern drama, to be specified for each course scheduling. May be repeated twice when the topics vary. May be offered concurrently with THEA 4852.

6902. Independent Study (1-3). Pr., permission of instructor. Advanced independent reading and/or research in selected areas of theatre.

6972. Selected Topics in Theatre (3). Pr., permission of instructor. An exploration of a theme from any area of the theatre having contemporary relevance. Course may be repeated for credit up to three times, provided a different theme is selected each time.

English (ENGL)

Professors Evans (Interim Chair), Gribben, Sterling, Weidemann and Willis

Associate Professors Anderson, Gerard and Kaufman

Assistant Professors Aaij, Cobb, Jordan, Kelley, Klevay, McDavis and Woodworth

6050. Advanced English Grammar (3). Pr., graduate standing. Intensive study of English grammar from the transformational, structural and traditional perspectives; examination of Black English. May be offered concurrently with ENGL 4050.

6060. Rhetoric and Style (3). Pr., graduate standing. Study of style and its relationship to composition; methods for producing and teaching effective writing. May be offered concurrently with ENGL 4060.

6070. History of the English Language (3). Pr., graduate standing. The chronological development of the English language, with specific attention to changes in sounds, spellings, inflectional endings, syntax and vocabulary, and to their relationships to political and social history. May be offered concurrently with ENGL 4070.

6080. Literary Criticism (3). Pr., graduate standing. Advanced study of the history of critical theory from Aristotle to the present, emphasizing the evolution of aesthetic concepts predominant in the study of Western literature. May be offered concurrently with ENGL 4080.

6090. Writing Across the Curriculum (3). Pr., graduate standing. Strategies and practice for incorporating writing into the learning process in all curricula. May be offered concurrently with ENGL 4090.

6130. Studies in Mythology (3). Pr., graduate standing. An examination of the origin, nature and transmission of myth, as well as the importance of myth to cultural traditions and cohesiveness. A specific focus announced when the course is offered, investigating such topics as the hero, gender images or myth in film. May be offered concurrently with ENGL 4130.

6150. Medieval Literature (3). Pr., graduate standing. A study of English literature from the Old English elegy through Morte D'Arthur. Considers the historical milieu which produced the major secular and religious genres and traces their development up to the Renaissance. May be offered concurrently with ENGL 4150.

6160. Chaucer (3). Pr., graduate standing. A detailed study of Chaucer's minor works and The Canterbury Tales, together with the linguistic, literary and historical backgrounds of his age. May be offered concurrently with ENGL 4160.

6210. Poetry and Prose of the English Renaissance (3). Pr., graduate standing. The non-dramatic literature of the Tudor period, stressing the humanist poets and prose writers. The history of the period emphasized along with the stylistic and generic relationship between the Renaissance and modern literature. May be offered concurrently with ENGL 4210.

6260. Shakespeare I (3). Pr., graduate standing. Comedies, histories and tragedies of Shakespeare's developmental period as a dramatic artist. May be offered concurrently with ENGL 4260.

6270. Shakespeare II (3). Pr., graduate standing. Comedies, tragedies and romances of Shakespeare's later period. May be offered concurrently with ENGL 4270.

6310. Poetry and Prose of the Seventeenth Century (3). Pr., graduate standing. The non-dramatic literature of the 17th century, with an emphasis on the stylistic and generic contributions of John Milton, the Metaphysical poets and important prose writers. May be offered concurrently with ENGL 4310.

6410. Eighteenth-Century Prose and Poetry (3). Pr., graduate standing. A study of the poetry and prose writing of the Neoclassical Age, with an emphasis on Dryden, Swift and Pope; and the philosophical, religious and political backgrounds of their writings. May be offered concurrently with ENGL 4410.

6430. British Novel I (3). Pr., graduate standing. A study of the evolution of the British novel from its experimental stages in the early 18th century to its emergence as an established literary genre by 1800. May be offered concurrently with ENGL 4430.

6510. The English Romantic Movement (3). Pr., graduate standing. An intensive study of the social, political and aesthetic aspects of the English Romantic movement and of the writers from Blake through Keats who constitute the major poets of this period. May be offered concurrently with ENGL 4510.

6530. British Novel II (3). Pr., graduate standing. Advanced study of the development of the British novel in the 19th century, with emphasis on the relationship of the novel to the predominant social concerns of the Victorian period. May be offered concurrently with ENGL 4530.

6550. Victorian Poetry and Prose (3). Pr., graduate standing. An in-depth examination of the writings of Tennyson, Browning, Arnold, Carlyle and other selected Victorian poets and essayists, with special emphasis on the impact of the industrial and scientific revolutions on 19th century thought as reflected in their works. May be offered concurrently with ENGL 4550.

6630. British Novel III (3). Pr., graduate standing. The technique and form of the modern novel; its themes, narrative developments and styles as seen in close study of the works of major 20th century British novelists. May be offered concurrently with ENGL 4630.

6710. American Poetry (3). Pr., graduate standing. A study of American poets, emphasizing major figures of 19th and 20th century poetry. Selected works of such masters as Whitman, Dickinson, Frost, Eliot, Stevens and Williams. May be offered concurrently with ENGL 4710.

6730. American Novel (3). Pr., graduate standing. A study of major contributions to the genre; the focus announced at each scheduling of the course. May be offered concurrently with ENGL 4730.

6740. Studies in American Drama and Theatre (3). Pr., graduate standing. Topics in the history and major developments of American dramatic literature and the stage. May be repeated twice when the topics vary. May be offered concurrently with ENGL 4740.

6770. Studies in Southern Literature (3). Pr., graduate standing. Authors, works and literary movements associated with the American South, including Colonial writers, slavery and slave narratives, the Civil War, Southern Gothic, the Southern Renaissance or Southern women writers. May be offered concurrently with ENGL 4770. May be repeated once for credit when topics vary.

6780. Studies in Children's Literature (3). Pr., graduate standing. Theme, genre, narrative, character, popular reception, publishing history and other subjects relating to literature for young audiences. Seminar titles announced each time the course is scheduled. May be offered concurrently with ENGL 4780. May be repeated once for credit when topics vary.

6810. Modern Poetry (3). Pr., graduate standing. Analyses of 20th century poets and poetic movements of Britain, America and Europe, treating their background, development, influence and particular achievement, both thematic and technical. May be offered concurrently with ENGL 4810.

6820. Studies in American Literature (3). Pr., graduate standing. Topics illustrating selected experiences, voices and themes of U.S. authors, including those describing ethnic identities and literary movements. Focus announced at each scheduling of course. May be repeated twice for credit when topics vary. May be offered concurrently with ENGL 4820.

6830. Studies in British and American Literature (3). Pr., graduate standing. Topics combining British and American literary works and examining themes, figures, movements or other phenomena that illustrate trans-Atlantic connections. Focus announced at each scheduling of course. May be repeated twice when topics vary. May be offered concurrently with ENGL 4830.

6840. Studies in Literary Form (3). Pr., graduate standing. Topics in the development and artistry of a particular genre or sub-genre, such as the essay, autobiography, letter, travel narrative, literary biography or diary and journal, as announced. May be offered concurrently with ENGL 4840. May be repeated twice for credit when topics vary.

6850. Studies in Drama (3). Pr., graduate standing. The development, forms and techniques of a particular period or sub-genre of drama, such as Restoration drama or comedy, to be specified at each course offering. May be offered concurrently with ENGL 4850. May be repeated twice when topics vary.

6924. Internship in Editing and Writing (1-6). Pr., departmental approval and 6 hours in designated upper-level or graduate rhetoric, writing, linguistic or editing courses; graduate standing. On-the-job training in editing, word-processing, drafting or other duties of an assistant editor. The student's progress monitored by a supervising professor. May be offered concurrently with ENGL 4924.

6962. Readings in English (1-6). Pr., departmental approval, graduate standing. Individual study programs in literature or language as determined by the instructor and student. A minimum of two written assignments required.

6972. Special Topics in Research and Writing (1-3). Pr., permission of instructor, graduate standing. Instruction and practice in specialized fields within the larger areas of research and writing, such as advanced scholarly projects, archival studies, computer research, grant proposals or community publications. Focus announced at each scheduling of course. May be repeated for credit once when topics vary.

6973. Editing and Editors (3). Pr., graduate standing. Instruction and practice in editing in several styles and for varied purposes. At the discretion of the instructor, may involve an internship, guest lecturers and visits to practicing editors. Emphasizes university press standards or trade book publishing and feature magazine approaches to the craft. May be offered concurrently with ENGL 4973.

Fine Arts

Associate Professors Baine, Hairstans and Jensen
Assistant Professor Wayne and Sienkewicz

The Department of Fine Arts has two constituents: the visual arts and music. Candidates for the M.L.A. degree may take course work in these areas and, with the approval of the department head, may focus on either one for thesis purposes. Teachers or prospective public school teachers who wish to earn the M.Ed. degree with certification in art N-12 may pursue that program at AUM. See the graduate adviser in the School of Education and the Department of Fine Arts, for additional information. Also available in the School of Education is a program of certification in art for nontraditionally prepared undergraduates.

Visual Arts (VISU)

6000. Art History and Appreciation for the Public School (3). Pr., graduate standing. Seminar discussions of history of art and art appreciation at levels appropriate to grades N-12.

6010. Survey of Non-Western Art (3). Pr., graduate standing. Survey of tribal, pre-Columbian, Islamic, Indian and Far Eastern art. May be taught concurrently with the corresponding senior-level course.

6020. The Renaissance in Italy (3). Pr., graduate standing. A analysis of the visual arts in Italy from the 14th through 16th centuries. May be taught concurrently with VISU 3020.

6030. History of Seventeenth and Eighteenth Century Art (3). Pr., graduate standing. An investigation beyond the survey level of Western painting, sculpture and architecture produced during the Baroque and Rococo periods. May be taught concurrently with the corresponding senior-level course.

6040. History of Nineteenth Century Art (3). Pr., graduate standing. An investigation beyond the survey level of Western painting, sculpture and architecture from the late 18th through the 19th century. May be taught concurrently with the corresponding senior level course.

6050. American Art (3). Pr., graduate standing. A study beyond the survey level of the visual arts in America from the Colonial Era to the present. May be taught concurrently with corresponding senior level course.

6060. Art Since 1945 (3). Pr., graduate standing. A study of international art since 1945 as well as themes and issues in contemporary art. May be taught concurrently with the corresponding senior-level course.

6070. Women in the History of Art (3). Pr., graduate standing. A study of women artists from 1550 to the present, including cultural and social issues and historiography. May be taught concurrently with corresponding senior-level course.

6090. Medieval Art (3). A study of the art and architecture of Western Europe and Byzantium from the Early Christian period through the Gothic era. May be taught concurrently with VISU 3090.

6100. The Artist in Film and Fiction (3). Pr., VISU 2030 and 2040 or equivalent. Examines visual artists and the creative process as depicted in film and fiction.

6102. Drawing for the Public School (3). Pr., graduate standing. Studio exploration of traditional drawing media and methods for public school teachers.

6202. Painting for the Public School (3). Pr., graduate standing. Studio exploration of traditional painting media and methodology for public school teachers.

6212. Painting (3). Pr., graduate standing. Graduate painting; optional problems and media. May be repeated for credit.

6302. Sculpture for the Public School (3). Pr., graduate standing. Studio exploration of traditional and contemporary sculptural media and methodology for public schools teachers.

6402. Ceramics for the Public School (3). Pr., graduate standing. Studio exploration of traditional ceramic processes, techniques and methodology for public school teachers.

6502. Printmaking for the Public School (3). Pr., graduate standing. Studio exploration of traditional printmaking media and methodology for public school teachers.

6512. Printmaking (3). Pr., graduate standing. Graduate printmaking; optional problems and media. May be repeated for credit.

6902. Individual Studio Project (3). Pr., department head's approval. Graduate work in the various disciplines designed by the student with approval of faculty involved. May be repeated for credit. May be taught concurrently with the corresponding senior-level course.

History (HIST)

Professors Fitzsimmons, Gish (Chair), Henderson, Wells and Zhai
Associate Professors Bulman, Farrow, Severance, Simmons and Krawczynski

6010. The American South to 1865 (3). Pr., graduate standing. The growth and development of the distinctive political, economic, social, cultural and ideological patterns of the South from 1607 to 1865. Concurrent with HIST 4010.

6020. The American South Since 1865 (3). Pr., graduate standing. The continued growth and development of the distinctive political, economic, social, cultural and ideological patterns of the South since the end of the Civil War. Concurrent with HIST 4020.

6030. History of American Slavery (3). Pr., graduate standing. A survey of slavery in America from its introduction to the Civil War, with particular attention to the social structure and lives of black Americans and slavery's impact upon community life, politics and culture. Concurrent with HIST 4030.

6040. The African-American Experience since Emancipation (3). Pr., graduate standing. The experience of American blacks since the end of the Civil War, including Reconstruction and the Civil Rights movement. Concurrent with HIST 4040.

6050. The History of Alabama (3). Pr., graduate standing. A survey of the social, political and economic development of Alabama from the colonial era to the present. Concurrent with HIST 4050.

6080. American Intellectual History to 1865 (3). Pr., graduate standing. Perceptions, ideas and values in American culture from colonial times to the Civil War. Primary sources emphasized. Concurrent with HIST 4080.

6090. American Intellectual History Since 1865 (3). Pr., graduate standing. Perceptions, ideas and values in American culture since 1865 with a special emphasis on change and disruption. Primary sources emphasized. Concurrent with HIST 4090.

6120. History of Religion in America (3). Pr., graduate standing. A survey of the religious experience in America, including consideration of the variety of religious traditions and how developments in religion have affected society, politics and culture since Colonial times. Concurrent with HIST 4120.

6140. The History of American Business (3). Pr., graduate standing. A survey of the development of capitalist enterprise in the United States from the first European settlements to the present, including an examination of the impact of capitalist change upon society. Concurrent with HIST 4140.

6150. American Diplomatic History (3). Pr., graduate standing. A survey of the principal forces and factors bearing on the relationships between the United States and other countries, 1776–present. Concurrent with HIST 4150.

6160. American Military History (3). Pr., graduate standing. A survey of U.S. military policy, strategy and tactics from 1775 to the present. Concurrent with HIST 4160.

6190. American Historiography (3). Pr., graduate standing. The development of historical writing in the United States, with emphasis on how particular scholars and schools of thought have had an impact on the intellectual life of the nation. Concurrent with HIST 4190.

6230. Women in Medieval Society (3). Pr., junior standing. Religious, political and social roles of women in the Middle Ages from about 500 to 1500. Course instruction will be lecture and discussion format; in-class essay exams and analytical papers will evaluate students' performances. Concurrent with HIST 4230.

6240. Witchcraft and Magic Before 1700 (3). Pr., graduate standing. Medieval 16th and 17th century European witchcraft and magic in its social, political, religious and legal contexts. Concurrent with HIST 4240.

6250. Biographical Studies (3). Pr., graduate standing. Biography as a historical genre from antiquity to the present. Concurrent with HIST 4250.

6290. Non-American Historiography (3). Pr., graduate standing. The development of historical writing outside the United States, with emphasis on how particular scholars and schools of thought have had an impact on the intellectual life of western civilization. Concurrent with HIST 4290.

6310. The Renaissance (3). Pr., graduate standing. Medieval background, the nature of the Renaissance, Renaissance society, the Latin Church, the Renaissance state and political theory, Italian and northern humanism, the expansion of Europe, and Renaissance of art. Concurrent with HIST 4310.

6320. The Reformation (3). Pr., graduate standing. Religious and political background of the Reformation, the Roman and German Churches, Martin Luther and the German Reformation, the French, Swiss and English Reformations, the Radical Reformation and the Catholic Reformation. Concurrent with HIST 4320.

6340. Medieval England (3). Pr., graduate standing. The Middle Ages in England, especially the post-Conquest period, examining political, social, economic and religious institutions and changes up to the beginning of the Tudor period in 1485. Concurrent with HIST 4340.

6360. Tudor–Stuart England (3). Pr., graduate standing. A study of the England of Henry VIII, Elizabeth I and James I or more broadly the 16th and 17th centuries, with emphasis on social, political, economic, constitutional, religious and intellectual changes of lasting effect. Concurrent with HIST 4360.

6380. Modern Britain (3). Pr., graduate standing. The economic, social, political and cultural forces contributing to the development of contemporary Britain. Concurrent with HIST 4380.

6400. France, 1787–1870 (3). Pr., graduate standing. Covering the beginning of the Revolution until the fall of Napoleon III, treats the era in terms of many of the forces arising from the Revolution. Concurrent with HIST 4400.

6410. Modern France, 1870–Present (3). Pr., graduate standing. Examines the uncertain course of republican government in France and some of the causes and consequences of this instability. Concurrent with HIST 4410.

6420. The French Revolution and Napoleon (3). Pr., graduate standing. Revolutionary ideas and events in France and Europe from 1789 to 1815, with emphasis on forces and factors causing revolution and reaction. Concurrent with HIST 4420.

6450. Early Germany (3). Pr., graduate standing. The development of the Germanic peoples from Roman times to the end of the Napoleonic era, emphasizing the political structure of the Holy Roman Empire. Culture and religious issues also discussed. Concurrent with HIST 4450.

6460. Modern Germany (3). Pr., graduate standing. German history from 1806 to the present, including German unification, political society in the Second Empire, failure of democracy during the Weimar Republic, the rise of National Socialism and postwar developments. Concurrent with HIST 4460.

6490. The Enlightenment (3). Pr., graduate standing. Examination of intellectual and cultural developments in Europe from 1680 to 1789, including the social, religious, moral and political ideas of Enlightenment thinkers and the diffusion of Enlightenment values. Concurrent with HIST 4490.

6500. The Industrial Revolution (3). Pr., graduate standing. The development of industrialism and its consequences in Europe and other parts of the world. Concurrent with HIST 4500.

6520. The Western Way of War, 1775-1920 (3). Pr., graduate standing. Compares the major wars and military trends in Europe and the United States. Special focus on how the revolutionary forces of nationalism, democracy and industrialism contribute to the emergence of modern and total warfare. Concurrent with HIST 4520.

6540. The Habsburg Empire (3). Pr., graduate standing. The history of East Central Europe during the last phase of Habsburg history. The difficulties inherent in running a multinational state provide the main focus of analysis. Concurrent with HIST 4540.

6560. Imperial Russia (3). Pr., graduate standing. Survey of Russian history from the rise of Kiev to the Emancipation of 1861. Traces Russian expansion under the leadership of Muscovy, focusing on Peter the Great, Catherine the Great and Russian involvement with Europe in the 19th century. Concurrent with HIST 4560.

6570. Russia and the Soviet Union (3). Pr., graduate standing. Survey of Russian history since 1861, examining the rise of a revolutionary movement and development of the Communist state, including Soviet culture, foreign policy, governmental and economic structures. Concurrent with HIST 4570.

6580. Technology in the Soviet Union (3). Pr., graduate standing. The role of science and technology in Soviet ideology and policy and the precarious place of scientists and technical/industrial specialists during the Soviet period, as well as effects of these programs/policies on humans and the environment. Concurrent with HIST 4580.

6590. East Europe in the Twentieth Century (3). Pr., graduate standing. The history of East Central Europe from World War I to the collapse of the communist regimes. Emphasis on comparative political and socioeconomic development. Concurrent with HIST 4590.

6630. Israel and the Arab World (3). Pr., graduate standing. The development of Arab and Israeli nationalism and their transformation in the age of super-power rivalry in the region. Concurrent with HIST 4630.

6640. South African History (3). Pr., graduate standing. A study of the political, social and economic development of South Africa from the birth of a multiracial society in the 17th century to the end of apartheid. Concurrent with HIST 4640.

6650. Racial Segregation in South Africa (3). Pr., graduate standing. An examination of South Africa's legalized system of racial discrimination, from its origins in the 1940s to its demise in the 1990s. Concurrent with HIST 4650.

6690. Contemporary Africa (3). Pr., graduate standing. A study of key political, economic and social trends in Africa in the last 10-15 years. Concurrent with HIST 4690.

6730. A History of Chinese Communism (3). Pr., graduate standing. An analysis of the reasons the Chinese communists came to power and of the political and social changes that have occurred since the establishment of the People's Republic in 1949. Concurrent with HIST 4730.

6770. Vietnam (3). Pr., graduate standing. An analysis of both traditional Vietnamese culture and the character of French and American involvement in the country. Concurrent with HIST 4770.

6790. East Asian-American Relations Since 1850 (3). Pr., graduate standing. Political, economic and cultural interactions between the United States and East Asia (China and Japan) since 1850, with emphasis on mutual perceptions and images. Concurrent with HIST 4790.

6800. Mexico Since 1810 (3). Pr., graduate standing. An introduction to the national history of Mexico, examining early development, economic and political instability, foreign intervention and civil war, including the Mexican Revolution and the consolidation of the single party state. Concurrent with HIST 4800.

6850. The Holocaust (3). Pr., graduate standing. Drawing on both historical and literary sources, the course examines some of the forces and ideas that culminated in the "final solution." Concurrent with HIST 4850.

6930. Historical Methods (3). Pr., graduate standing. An analysis of the techniques used in the research and writing of history.

6962. Readings in History (3). Pr., graduate standing. Special reading tutorials or independent research projects may be proposed by students with a 3.0 average or better in history courses. Concurrent with HIST 4962.

6972. Advanced Special Topics in History (3). Pr., graduate standing. Special advanced reading tutorials or independent research projects may be proposed by students with a 3.0 average or better in history courses. Concurrent with HIST 4972.

International Studies (INTL)

Associate Professor Long (Coordinator)

Assistant Professor Barsel

6400. Studies in International Studies (3). Pr., completion or concurrent enrollment in MLAS 6010 or MLAS 6020 when offered. Period or topic courses in international studies, the exact emphasis specified at each course offering. (Same as MLAS 6400.)

The Master of Arts and Master of Science in Sociology Programs

Professors Mullins and Sharp

Associate Professors Brackett (Head), Davis-Maye, Djamba, Ochoa-Winemiller, Tang, Winemiller and Yarber

Auburn University Faculty, Cooperative Graduate Program in Sociology

Professors Bailey (Alumni Professor), Mohan and Molnar

Associate Professors Alley and Clifford

The interdepartmental graduate program in sociology offers study and research leading to the degrees of Master of Arts and Master of Science. Anthropologists, rural sociologists and sociologists from the Auburn and Montgomery campuses make up the faculty. The program is administered by a three-member coordinating committee from the Department of Agricultural Economics and Rural Sociology-AU, Department of Sociology-AU and Department of Sociology-AUM.

Students admitted to the program are required to complete three core courses:

- (1) Advanced Sociological Theory;
- (2) Statistical Analysis of Survey, Aggregate and Large Data Sources; and
- (3) Methods of Social Research.

The remainder of the course work is elective but must be determined in consultation with the student's adviser. The program has a thesis option and a non-thesis option (the non-thesis option requires additional course work).

Anthropology (ANTH)

Associate Professor Winemiller

6902. Independent Study (1-3). Pr., permission of instructor. Advanced independent reading and/or research in selected areas of anthropology.

6972. Advanced Special Topics in Anthropology (3). Pr., graduate standing. Intensive examination of selected topics of an anthropological perspective in a seminar setting. Topics announced prior to the beginning of each semester. May be repeated for a maximum of 6 hours.

Geography (GEOG)

Associate Professors Winemiller and Ochoa-Winemiller

6200. Urban Geography (3). An intensive study of the location, character and growth of urban centers, with special attention to their interior patterns of land use and cultural development. May be taught concurrently with GEOG 4200.

6340. Cartography with Lab (3). This course is an introduction to mapping sciences and arts. Topics covered include the basics of mapping (scale, spatial reference systems and projections), data acquisition and organization, key techniques for thematic mapping and the principles of cartographic abstraction and design.

6350. Introduction to Geographic Information Systems with Lab (3). GIS history and theory, spatial concepts, research design, computer cartography, data collection and entry, information, storage, relational database design, digitizing, raster/vector operations, overlay operations, map making, attribute queries, spatial queries and GIS output.

6450. Advanced Geographic Information Systems with Lab (3). Pr., GEOG 6350. Geographic information systems and science history and theory, advanced spatial concepts, research and relational database design, raster operations and analyses, GPS and GIS, remote sensing concepts, overlay operations, spatial statistics and predictive modeling, advanced topological analysis and GIS output.

6460. Remote Sensing and GPS Applications in Geographic Information Systems with Lab (3). Pr., GEOG 6340, GEOG 6350 and GEOG 6450. This course is an introduction to remote sensing technology. Lectures and lab exercises cover the basic theoretical and technical aspects of various remote sensing platforms and their integration with GPS and GIS to facilitate accurate characterization of the Earth's physical and human environment.

6972. Special Topics in Geography (1-3). Pr., permission of instructor. An intensive examination of selected topics from a geographical perspective. Topics announced prior to the beginning of each semester. May be repeated for a maximum of 6 hours credit.

6990. Applied Research in Geographic Information Science and Systems with Lab (3). Pr., GEOG 6340, GEOG 6350, GEOG 6450 and GEOG 6460. This is the capstone course for students seeking certification in GIS. The course provides an opportunity for students to demonstrate knowledge derived from four basic courses in GIS. Under faculty supervision, students design and carry out a major research project that incorporates topics relating to the history, philosophy and science of spatial analysis.

Gerontology (GERO)

Professor Mullins

6400. Introduction to Gerontology (3). Analysis of aging in American society from the perspective of the fields of biology, political science, economics, psychology and sociology. (Same as SOCI 6400.)

6500. Research in Aging (3). Methods and techniques currently employed in studying the aging process and aging populations. (Same as SOCI 6500.)

6700. Aging and Health Care (3). The biology of aging. The normal senescence and pathological conditions common to the aged. Preventive health measures, management of chronic conditions and rehabilitative services. (Same as SOCI 6700.)

6800. Legal Aspects of Aging (3). Political and legal realities confronting older adults. An examination of historic and current legislative programming relevant to the aging and strategies of political involvement and influence-building. (Same as SOCI 6800.)

6850. Implementation and Evaluation of Programs for Older Adults (3). Analysis of organizational structure and function of current programs for older adults. Administrative and management principles of program evaluation. Models of planning, programming and budgeting systems examined. (Same as SOCI 6850.)

Sociology (SOCI)

Professors Mullins and Sharp

Associate Professors Brackett (Head), Djamba, Tang and Yarber

6000. Social Theory (3). Pr., graduate standing. An advanced study of the development of sociological theory from the 19th century to the present. Consideration given to major theoretical perspectives such as functionalism, evolutionism, conflict and interactionism.

6050. Sociology of Deviance (3). Pr., graduate standing. An advanced examination of behavioral and non-behavioral forms of norm violations from theoretical, methodological and evidentiary sources. Substance abuse, mental and physical illness, sexual deviations, suicide, violence and societal reactions to forms of deviance examined.

6100. Minority Groups (3). Pr., graduate standing. An intensive analysis of intergroup relations in the United States, with special emphasis on the processes of assimilation, amalgamation and pluralism. Problems related to prejudice, discrimination, identity formation and prevailing power arrangements also analyzed.

6150. Population (3). Pr., graduate standing. An in-depth study that focuses on the effects of population structure and change in relation to social and environmental contexts. Includes a study of the techniques of demographic analysis, theories, sources of data, the components of population change and population characteristics.

6200. Urban Sociology (3). Pr., graduate standing. The city in historical and contemporary contexts. Also the internal structure and functioning of the city, including ecological patterns, power arrangements, community institutions, minority group relations, class systems and demographic characteristics.

6250. Sociology of Religion (3). Pr., graduate standing. An in-depth study of the sociological perspective of religion, including the effects of religion on behavior and attitudes and the reciprocal relationship of religion to other societal institutions. Major aspects of religion in the United States are examined.

6300. Sociology of the Family (3). Pr., graduate standing. An advanced analysis of family systems in the United States, including their structural features, internal dynamics and current trends.

6350. Social Psychology (3). Pr., graduate standing. An advanced study of the nature and causes of individual behavior in social situations. Includes an orientation to theory and research methods, with emphasis on research studies and practical application of principles.

6400. Introduction to Gerontology (3). Analysis of aging in American society from the perspective of the fields of biology, political science, economics, psychology and sociology. (Same as GERO 6400.)

6500. Research in Aging (3). Methods and techniques currently employed in studying the aging process and aging populations. (Same as GERO 6500.)

6700. Aging and Health Care (3). The biology of aging. The normal senescence and pathological conditions common to the aged. Preventive health measures, management of chronic conditions and rehabilitative services. (Same as GERO 6700.)

6800. Legal Aspects of Aging (3). Political and legal realities confronting older adults. An examination of historic and current legislative programming relevant to the aging and strategies of political involvement and influence-building. (Same as GERO 6800.)

6850. Implementation and Evaluation of Programs for Older Adults (3). Analysis of organizational structure and function of current programs for older adults. Administrative and management principles of program evaluation. Models of planning, programming and budgeting systems examined. (Same as GERO 6850.)

School of Nursing

Dr. Gregg Newschwander, Dean

Master of Science in Nursing

■ Graduate Work in the School of Nursing

The Auburn University and the AUM Schools of Nursing offer a joint MSN program. This program focuses on the teaching/learning process as it relates to nursing students, patients and their families and health care providers. Graduates will possess advanced knowledge of educational principles for diverse populations and the roles of the clinical nurse specialist. The MSN program consists of 43-51 semester hours. These include major, support and elective courses. The curriculum is offered via traditional classroom and Internet-based courses. Classes may be offered on the AU or AUM campuses. Both thesis and research project options are available.

Admission to the program is competitive and enrollment is limited. Minimum requirements include:

- A bachelor's of science in nursing from an accredited college or university
- Good academic standing from the last university attended
- Successful completion (C or better) of an undergraduate statistics course
- Overall GPA of 3.0
- Unencumbered Alabama license as a registered nurse
- Submission of GRE scores
- Three letters of reference
- Current resume
- Essay on the reason for seeking the MSN

Full-time students are admitted in the fall and summer semesters. Full-time study can be completed in approximately four semesters plus the summer term between the first and second year. Application deadlines are:

Summer	April 1
Fall	June 1
Spring	November 1

To be considered for full-time study, students must have practiced full-time as a registered nurse for a minimum of six months. Students may enroll for part-time study with less than six months of practice, contingent on continued part-time employment as a registered nurse.

The outcome of the curriculum is a clinical nurse specialist (CNS) in education of diverse populations. These populations may encompass patient populations, care providers or nursing students. The core of the model is a focus on the teaching/learning process as it relates to all knowledge and skill development.

The three primary areas of knowledge development are: clinical, educational and diversity. These areas will be put into practice through the roles of the CSN with the teacher role being the core role for the graduate. The student brings with him or her clinical knowledge from his or her undergraduate curriculum. Both

classroom and clinical work focus on further development of the student's knowledge base in an area of clinical specialization. The student also brings basic health education principles that will be extended in the graduate curriculum. Students will begin in the first semester to develop advanced knowledge and skill in education that will culminate in a focused educational practicum.

A third primary area of knowledge development for this curriculum is diversity. Although this concept is not new to students, most will not have had significant course work related to it. The diversity focus is intended to expand the student's knowledge and skills in working with diverse populations. As a state and a society, we must respond to the need for educating individuals and groups to assume responsibility for their health. As a university committed to diversity as a core value, we have a responsibility to prepare nursing graduates with all the skills necessary to provide care to all the citizens of Alabama.

At the conclusion of the program, the graduate will have the knowledge and skills to competently:

1. Provide educational services to diverse populations.
2. Engage in culturally sensitive, ethical and competent teaching-learning processes.
3. Use evidence-based practices in assessing teaching-learning needs of patient populations, health care providers and nursing students.
4. Advocate health care policy at the local, state and national level to promote access to cost-effective, quality health care.
5. Use appropriate technology to access current knowledge in the application of advanced clinical nursing concepts.
6. Synthesize theories and research to develop programs to promote and maintain health in a wide range of cultural, racial, ethnic, age and gender groups.
7. Articulate the role of the CNS in influencing health care services.
8. Analyze data to support decisions to improve nursing practice.
9. Value the importance of doctoral education.

Example Full-Time Plan of Study

Fall I

Courses	Semester Hours
NSG 6671 Advanced Pathophysiology (Troy)	3
NSG 6692 Data Analysis Technique (Troy)	2
NURS 7210 Role of the CNS for Advanced Practice	1
NURS 7310 Theoretical Foundations for Teaching Learning	3
Total	9

Spring I

NURS 7110 Applied Clinical Concepts I (60 hours of clinical practicum)	4
NURS 7250 Public Policy and Health Care Financing	2
NURS 7320 Development and Evaluation of Educational Programs	3
Total	9

Summer I

NURS 7230 Human Diversity	2
NURS 7220 Principles of Ethics for the Health Professional	1
Interdisciplinary Elective	3
Total	6

Fall II

NURS 7120 Applied Clinical Concepts II (120 hours of clinical practicum)	4
NURS 7240 Health Parity in Diverse Populations	2
NURS 7270 Evidence-Based Nursing Practice	2
NURS 7930 Directed Studies	1-6
Total	9-15

Spring II

NURS 7910 CNS Practicum in Education (320 hours of clinical practicum).	7
NURS 7980 EBP Project	3
Total	10

Full-Time Total Hours **45-51**

Part-time schedule will vary according to student needs and course offerings. The AU/AUM Joint Nursing Program reserves the right to make curriculum revisions as needed to maintain professional standards and meet accrediting agencies standards.

■ **Description of Courses**

Nursing (NURS)

7110. Applied Clinical Concepts I (4: 2 class, 2 seminar, 1 clinical – 60 clinical hours). Emphasis on advanced practice knowledge of assessment and pharmacology of diverse groups. Correlates comprehensive assessment of patients with common pathophysiologic conditions and pharmacologic mechanisms. Focus on knowledge and techniques required for beginning CNS practice in a clinical specialization area.

7120. Applied Clinical Concepts II (4: 4 seminar, 2 clinical – 120 clinical hours). Emphasis on the roles on the CNS in interventions for diverse groups experiencing alterations in health patterns. Focus on application of theories and research in development of interventions to address complex health problems of patients on an area of clinical specialization.

7210. The Role of the CNS for Advanced Practice (1). Core requirement. Prepares graduate nursing students to implement the roles of CNS in transition to advanced nursing practice. Professional concepts related to advanced practice, the CNS roles and the curriculum discussed.

7220. Principles of Ethics for the Health Professional (1). Provides the foundation for the analyses of ethics throughout the life span, utilizing a development approach with diverse populations. Applies ethical principles with extended clinical implications.

7230. Human Diversity (2). Exploration of the multiple forms of human diversity, broadly conceptualized to include gender, social class and ethnic/racial differences of similarities.

7240. Health Parity in Diverse Populations (2). Exploration of health disparities related to health care system barriers for diverse groups.

7250. Public Policy and Health Care Financing (2). Addresses the problems and principles of the United States’ health care systems and alternatives for managing problems in a systematic manner. Explores principles of health policy and the economics of health care delivery.

7270. Research: Evidenced-Based Practice (2). Core requirement. Second course in a three course sequence designed to prepare a CNS nurse educator proficient in utilization of research. Focuses on proposal development for collecting and analyzing data to answer research questions. The student will choose a thesis or non-thesis option and develop a proposal to address a clinical or educational problem for diverse groups within the student’s clinical area.

7310. Theoretical Foundations for Teaching Learning in Nursing (3). Overview of educational theories and constructs that explain how people perceive their world. A broad range of learning theorists explored with emphasis on the usefulness of the theorist for the education of patients, health providers and nursing students.

7320. Development and Evaluation of Educational Programs in Nursing (3). Analysis and evaluation of curriculum construction, selection of teaching strategies for diverse groups and individuals and evaluation of learning outcomes in education of patients, health providers and nursing students.

7910. CNS Practicum in Education (7: 1 seminar – 30 hours, 6 clinical – 360 hours). Synthesis of educational theories, research and strategies in applying the roles of the CNS to teach clients, nursing students or care providers. Selected settings provide opportunities to practice the roles of the educator/clinician under guidance of qualified preceptor.

7930. Directed Studies in Nursing (1-6). Directed individual study plan. Topics and activities may relate to enrichment needs and/or opportunities on an individual basis, culturally diverse populations of interest to students or clinical specialization.

7980. Non-Thesis Project (3). For the non-thesis student; third course in the three-course sequence designed to prepare a CNS nurse educator proficient in utilization of research. Focuses on implementing research activities to address a clinical or educational research question and development of strategies to incorporate research findings within the student's clinical practice.

7990. Research and Thesis (4-6). For the student in the thesis option; third course in the three-course sequence designed to prepare a CNS nurse educator proficient in utilization of research. Focuses on implementing research activities to address a clinical or educational research question and development of strategies to incorporate research findings within the student's clinical practice.

School of Sciences

Dr. Karen E. Stine, Dean

Ph.D. in Public Administration and Public Policy

Master of Science in Justice and Public Safety

Master of Political Science

Master of Science in Psychology

Master of Public Administration

Graduate courses may also be taken in the following areas:

Biology

Computer Sciences

Chemistry

Gerontology

Mathematics

■ Graduate Work in the School of Sciences

In addition to the master's degree programs in Justice and Public Safety, Public Administration, Political Science and Psychology, the School of Sciences offers a doctoral program in Public Administration jointly with the Auburn campus and a limited number of graduate courses in biology, mathematics and physical sciences that are designed to support the master's degree program in Education.

Biology (BIOL)

Professors Okia and Hall

Associate Professors Aho, Haddix, Okeke, Thomson (Head) and Ward

Assistant Professor Estes, Griffin, Jones and Taylor

6013. Medical Microbiology (4). Pr., BIOL 2010, BIOL 2011. Etiology, epidemiology, vector controls, identification and pathogenesis of micro-organisms of medical importance to man. May be taught concurrently with BIOL 4013. This course includes a required laboratory component.

6033. Virology (4). Pr., BIOL 2010, BIOL 2011, BIOL 3303. The molecular biology of bacterial and animal viruses, pathogenesis, diagnosis, and procedures for isolation, cultivation and purification. May be taught concurrently with BIOL 4033. This course includes a required laboratory component.

6053. Industrial Microbiology (4). Pr., BIOL 2010, BIOL 2011. Lectures and laboratory exercises on the principles and practices of industrial processes involving micro-organisms with emphasis on microbial biotechnology. Topics include screening and improvement of industrial micro-organisms, fermentation media/equipment/systems, healthcare products (antibiotics, anti-tumor agents, alkaloids, steroids, vaccines etc), alcoholic beverages, biofuel, single cell protein, probiotics, bioinsecticides, microbial fertilizer, fermented foods, microbial mining, production

of amino acids, biocatalysis, waste biotechnology and recombinant DNA technology. May be taught concurrently with BIOL 4053. This course includes a required laboratory component.

6063. Environmental Microbiology (4). Pr., BIOL 2010, BIOL 2011. A combined lecture and lab course that cover the roles of micro-organisms in the environment. Specific study areas include microbial diversity in earth environments, microbial ecology, biofilms and microbial communication, water- and food-borne pathogens and diseases, mycotoxins, water and sewage treatment, biogeochemical cycles, molecular methods, micro-organisms and bioterrorism, indoor health microbiology, environmental sample collection and processing. May be taught concurrently with BIOL 4063. This course includes a required laboratory component.

6073. Immunobiology (4). Pr., or Coreq., BIOL 3303. Covers cells and molecules operative in the immune response. Emphasis on immunogenetics and modern experimental techniques used in analysis and research. May be taught concurrently with BIOL 4073. This course includes a required laboratory component.

6103. Developmental Biology (4). Pr., BIOL 1020, BIOL 1021. A consideration of the impact of descriptive and experimentally derived information on developmental events in various organisms, with emphasis on the mechanics of orderly progression during life cycles. May be taught concurrently with BIOL 4103. This course includes a required laboratory component.

6153. Vertebrate Physiology (4). Pr., BIOL 1020, BIOL 1021. The physiological processes and specializations of vertebrates. May be taught concurrently with BIOL 4153. This course includes a required laboratory component.

6203. Ecology (4). Pr., BIOL 1010, BIOL 1011, BIOL 1020, BIOL 1021 or permission of instructor. The dynamics of the environment, accenting the physical, chemical and biological properties of local ecosystems, giving special attention to integrative and homeostatic processes, energy flow, nutrient cycles and disruptive phenomena. May be taught concurrently with BIOL 4203. This course includes a required laboratory component.

6210. Population Ecology (3). Pr., BIOL 4203/BIOL 6203. Elementary mathematical ecology. Introduces many of the models and techniques needed to understand population dynamics. Problem solving and the use of computer models will be emphasized. May be taught concurrently with BIOL 4210.

6233. Environmental Pollution and Control (4). Pr., BIOL 1020. Introduction to environmental science, focusing on detection, sources and treatment methods of water pollution; air pollution; noise pollution; solid waste; and hazardous waste. Legal and regulatory background also presented. Fieldtrips made and laboratory

exercises focus on characterizing water quality. May be taught concurrently with BIOL 4233. This course includes a required laboratory component.

6240. Ecosystems (3). Pr., BIOL 4203/BIOL 6203. A continuation of the study of ecology, focusing on key concepts at higher levels of organization. Topics include fluxes of energy and matter, temporal and spatial patterns, problems of ecological scale, disturbance and succession. May be taught concurrently with BIOL 4240.

6343. Histology (4). Pr., BIOL 1020, BIOL 1021. Morphology and classification of animal tissues and the arrangement of tissues in organs and systems in vertebrate animals. May be taught concurrently with BIOL 4343. This course includes a required laboratory component.

6353. Cell Biology (4). Pr., BIOL 1020, BIOL 1021, CHEM 1200, CHEM 1201. Cell structure and function. The generalized cell, specialized cell and the cell as an organism are considered from the viewpoint of classical cytology and in terms of current biochemical, optical and ultrastructural studies. May be taught concurrently with BIOL 4353. This course includes a required laboratory component.

6403. Human Genetics (3). Pr., BIOL 1020, BIOL 1021, BIOL 1030, BIOL 1031. Facets of modern genetics relative to humans. Topics include quantitative trait locus and association studies as methods of identifying genes that contribute to human diseases, whole genome sequencing, gene expression, forensics, how genetics have been used to better understand the history of humanity, and a discussion of how recent developments in genetics and genomics have created complex legal and ethical considerations. May be taught concurrently with BIOL 4403. This course includes a required laboratory component.

6503. Freshwater Biology (4). Pr., BIOL 1020, BIOL 1021, BIOL 1030, BIOL 1031. Taxonomy and environmental relationships of the biota of freshwater inhabitants. May be taught concurrently with BIOL 4503. This course includes a required laboratory component.

6513. Invertebrate Zoology (4). Pr., BIOL 1020, BIOL 1021. A taxonomic survey of all major invertebrate phyla, with emphasis on major anatomical and physiological features and life histories. May be taught concurrently with BIOL 4513. This course includes a required laboratory component.

6523. Wetlands (4). Pr., BIOL 4203/BIOL 6203. An introduction to the role, value, distribution, variability and structure of wetlands and to the legal and regulatory framework through which they are managed in the U.S. Emphasis on biogeochemical processes unique to wetlands. Fieldtrips made. May be taught concurrently with BIOL 4523. This course includes a required laboratory component.

6533. Conservation Biology (4). Pr., BIOL 4203/BIOL 6203. The application of ecological and genetic principles to conservation. Case studies include fisheries, habitat fragmentation, use of corridors, rarity, extinctions, viability analysis, endangered species and the role of models in conservation biology. May be taught concurrently with BIOL 4533. This course includes a required laboratory component.

6543. Field Botany (4). Pr., BIOL 1030, BIOL 1031. Morphology, taxonomy, ecology and systematics of higher plants. Emphasis on fieldtrips and plant collections to learn local plant flora. May be taught concurrently with BIOL 4543. This course includes a required laboratory component.

6603. Molecular Genetics (4). Pr., BIOL 3303, BIOL 3503. Fundamentals of DNA structure, replication, mutation and repair, gene expression; recombinant DNA techniques; and applications of biotechnology in medicine, agriculture and industry. May be taught concurrently with BIOL 4603. This course includes a required laboratory component.

6663. Field Zoology (4). Pr., BIOL 1010 and BIOL 1020 or departmental approval. The natural history of vertebrates, concentrating on phylogeny, adaptations, ecology and behavior. Laboratory exercises oriented toward learning field techniques and familiarizing students with the local fauna. May be taught concurrently with BIOL 4663. This course includes a required laboratory component.

6753. Endocrinology (4). Pr., BIOL 1020, BIOL 1021. Endocrine glands and their hormones as integrators of body functions in organisms, especially vertebrates. May be taught concurrently with BIOL 4753. This course includes a required laboratory component.

6760. Evolutionary Biology (3). Pr., BIOL 3303. Evolutionary concepts, including population genetics, variability, dispersal, gene frequencies, natural selection and specialization. May be taught concurrently with BIOL 4760.

6800. Perspectives in Biology I (3). Pr., prerequisites will differ according to the course description. Allows the student to study a current topic not offered in the basic biology curriculum. Topics will vary and times offered will be irregular. No lab is required. May be taught concurrently with BIOL 4800.

6803. Perspectives in Biology II (4). Pr., prerequisites will differ according to the course description. Allows the student to study a current topic not offered in the basic biology curriculum. Topics will vary and times offered will be irregular. May be taught concurrently with BIOL 4803. This course includes a required laboratory component.

6932. Directed Research (1-4). Pr., 20 hours of biology, 3.0 GPA, departmental approval. Affords the opportunity for graduate students to conduct research under the supervision of biology faculty. Faculty must agree to sponsor the research for 1-4 hours elective credit. May be taught concurrently with BIOL 4932.

6970. Special Topics (1-4). Pr., departmental approval. Instruction and discussion in a selected topic in biological sciences. The course may be offered for 1-4 hours of elective credit. May be taught concurrently with BIOL 4970.

Chemistry (CHEM)

Professor Rawlings and Thomas

Assistant Professors Arnold, Kim and Kuhler

6100. Physical Chemistry I–Thermodynamics (3). Pr., 16 hours of chemistry, 3 hours of calculus; coreq., CHEM 6101. Theoretical foundations of chemistry; a study of thermodynamics. Topics include thermodynamic laws, equilibrium and electrochemistry. May be taught concurrently with CHEM 4100.

6101. Physical Chemistry Laboratory (1). Coreq., CHEM 6100. Experiments to accompany lecture topics in CHEM 6100. May be taught concurrently with CHEM 4101.

6200. Physical Chemistry II–Quantum Chemistry and Spectroscopy (3). Pr., 16 hours of chemistry, 3 hours of calculus; coreq., CHEM 6201. Theoretical foundations of chemistry; a study of quantum mechanics, kinetics and spectroscopy. May be taught concurrently with CHEM 4200.

6201. Physical Chemistry Laboratory II (1). Coreq., CHEM 6200. Experiments to accompany lecture topics in CHEM 6200. May be taught concurrently with CHEM 4201.

6303. Instrumental Biochemistry (4). Pr., CHEM 3100, CHEM 3101. Emphasis on the principles and applications of instrumental methods to structure determination, chemical behavior and analysis. Methods include chromatography and spectral analysis. (Laboratory and lecture cannot be separated). May be taught concurrently with CHEM 4303.

Computer Sciences (CSCI)

6100. Software Components (3). Pr., CSCI 3000. The abstraction and implementation of reusable computer software components with applications to data structures and algorithms and to the engineering of large software-intensive programs. Uses Ada; assumes a background in fundamentals of Ada.

6200. Theory of Formal Languages (3). Pr., CSCI 3000, MATH 4200 or MATH

6200. Mathematical models of regular sets, context-free languages and Turing machines; deterministic and non-deterministic models, closure properties, normal forms and applications.

6970. Special Topics in Computer Science (1-3). Pr., permission of instructor. The student will work under the direction of a staff member on some topic of mutual interest. With the approval of the mathematics department head, CSCI 4970 may be taken pass/fail.

Gerontology (GERO)

Professor Mullins (Coordinator)

AUM, in cooperation with the Center for the Study of Aging at the University of Alabama, offers a sequence of courses in gerontology. The aim of the courses is to transmit a core of cognitive knowledge and skills in gerontology. The University of Alabama awards a Specialist in Gerontology Certificate to post-baccalaureate students completing five required courses. Since the certificate is not a degree program, graduate students may count the same courses toward the certificate and a graduate degree. Upper-level undergraduate students may count the courses as credit toward their degree program. Students should consult with individual departments to determine whether gerontology courses may be applied to degree programs in which they have an interest.

6400. Introduction to Gerontology (3). An advanced interdisciplinary analysis of aging in American society from the perspective of biology, political science, economics, psychology and sociology.

6500. Research in Aging (3). Methods and techniques currently employed in studying the aging process and aging populations.

6600. The Aging Process (3). An overview of the sociological approaches to the aging process. Examination of the special problems of the aged in American society: sociological, psychological and physiological.

6700. Aging and Health Care (3). The biology of aging. The normal senescence as well as pathological conditions common to the aged. Preventive health measures, management of chronic conditions and rehabilitative services.

6800. Legal Aspects of Aging (3). Political and legal realities confronting older adults. An examination of historic and current legislative programming relevant to the aging and strategies of political involvement and influence-building.

6850. Implementation and Evaluation of Programs for Older Adults (3). Analysis of organizational structure and function of current programs for older adults. Administrative and management principles of program evaluation. Models of planning, programming and budgeting systems are examined.

Justice and Public Safety

Associate Professors Ioimo (Interim Head)

Assistant Professors Perillo and Younker

The Master of Science in Justice and Public Safety is designed to provide advanced preparation for persons interested in professional careers in the justice and public safety field or those who wish to pursue doctoral study. The Executive Master of Science in Public Safety is offered to working professionals at the Huntsville Redstone Arsenal. The Judicial Administration option is an American Bar Association-approved program. Its objective is to produce extremely competent, well-rounded individuals who have advanced preparation for careers as paralegals/legal assistants, court or other judicial administrators, and/or for admission to law school. Students in the judicial administration option also earn the ABA-approved paralegal certificate upon completion of the necessary courses. Paralegals/legal assistants are not attorneys but aid attorneys in the practice of law. Please note that there is a legal restriction against the practice of law by non-lawyers, including paralegals/legal assistants.

Students with less than a 2.75 overall GPA in their undergraduate work will be required to submit scores on the Miller Analogies Test (MAT) or Graduate Record Examination (GRE) before being considered for admission into the program. Those with a 2.75 or better must take the MAT or GRE during their first semester of provisional admission.

The Justice and Public Safety Department offers an off-campus Executive Master of Science degree program at Redstone Arsenal, Huntsville, Alabama. This is a two-year program requiring 30 semester hours of study. Individuals interested in this program should contact the Justice and Public Safety Department at 334-244-3692.

All candidates for the M.S.J.P. degree must demonstrate competence through one of the following options:

- A. Comprehensive Examination option
 1. The student will be required to complete a comprehensive examination that will include questions from the core area and the required course area.
 2. Students choosing this option will be required to complete a minimum of 30 semester hours of course work.
 3. The comprehensive examination will be taken in the last semester of enrollment and may be taken a maximum of two times.
- B. Specialization option
 1. This option offers the student specialization in the Justice and Public Safety Department. To qualify for this option, the student must meet

the following conditions:

- a. The student must have completed a minimum of 21 semester hours towards the M.S.J.P. degree with a minimum grade point average of 3.5.
 - b. The student must submit a written petition, for approval by his or her adviser, explaining the option selected and how that option is consistent with the student's career objectives.
 - c. The 6 semester hours of specialized work will be in addition to the required 30 semester hours and must be approved by the student's academic adviser and the department head. The student must receive a grade of B or better in both of the specialization courses. The additional 6 semester hours may be taken from JPS courses offered or from outside the JPS Department.
2. Students choosing this option will be required to complete a minimum of 36 semester hours of course work.
- C. Thesis option
1. The student choosing this option must prepare a thesis on an appropriate topic approved by his or her supervisory committee.
 2. The student must complete a minimum of 24 semester hours of course work. In addition and register for a minimum of 6 semester hours of thesis credit.

Graduate Programs in Justice and Public Safety Options

Judicial Administration Option

Required Courses	Semester Hours
JUST 6602 Legal Research	3
JUST 6642 Legal Writing	3
JUST 6650 Civil Litigation	3
JUST 6660 Court and Judicial Administration	3
JUST 6700 Research Methods	3
JUST 6800 Advanced Paralegal Studies/Legal Ethics	3
JUST 6813 Computer Applications in Law	3
JUST 6850 JPS Human Resource Management	3
MJL Electives (choose two courses)	
JUST 6600 Business Organizations	3
JUST 6670 Family Law	3
JUST 6680 Torts/Civil Actions	3
JUST 6710 Alternative Dispute Resolution	3
JUST 6752 Homeland Security and Terrorism	3
JUST 6780 Administrative Law	3
JUST 6932 Directed Research	1-3
JUST 6924 Internship	1-3

Criminal Justice Option

Required Courses	Semester Hours
JUST 6403 JPS Information Systems	3
JUST 6510 JPS Planning and Budgeting	3

JUST 6642 Criminal Justice Writing	3
JUST 6700 Research Methods	3
JUST 6850 Human Resource Management	3
JUST 6410 Law Enforcement Administration	3
JUST 6420 Correctional Administration	3
JUST 6370 Security Administration	3
JUST 6610 Juvenile Justice Administration	3
MJP Electives (choose one course)	
JUST 6220 Ethics in Criminal Justice	3
JUST 6430 Community Corrections	3
JUST 6580 Loss Prevention	3
JUST 6630 Victimology	3
JUST 6670 Family Law	3
JUST 6932 Directed Research	1-3
JUST 6924 Internship	1-3
JUST 6972 Special Topics	3

Homeland Security Option

Required Courses	Semester Hours
JUST 6110 Introduction to Homeland Security and Emergency Management	3
JUST 6130 Crime Intelligence and Analysis	3
JUST 6510 Storage Planning and Budgeting	3
JUST 6700 Research Methods	3
JUST 6985 Capstone Project in Homeland Security	3
Electives: (choose seven courses)	
HSEM 6120 Issues of Patriot Act, U.S. Constitution and Homeland Security	3
HSEM 6320 Emergency Management	3
HSEM 6330 Psychology of Terrorism and Fear	3
HSEM 6340 Weapon of Mass Destruction	3
HSEM 6350 Technology of homeland Security	3
HSEM 6390 Intelligence and Information Dissemination	3
POLS 6110 Comparative Governments of the Middle East	3
POLS 6130 Seminar in American Government	3
POLS 6250 National Security and Domestic Policy	3
HSEM 6965 Independent Study	3
HSEM 6899 Elective Transfer Credit	3
HSEM 6970 Special Topics	3
JUST 6360 Agricultural Security	3
JUST 6380 World Religions and Terrorism	3

Justice and Public Safety (JUST)

6220. Ethics in Criminal Justice (3). Ethical dilemmas and decisions in the criminal justice system with a focus on law enforcement problems.

6403. JPS Information Systems (3). Major information technology systems used in criminal justice. Practical experience is offered on systems used in actual agencies. Technologies of the future will be explored.

6410. Law Enforcement Administration (3). Administrative structure, management practices and operational aspects of enforcement agencies. Emphasis on community-oriented policing.

6420. Correctional Administration (3). Administration, organization and management theory and practice in correctional institutions and agencies. The impact of legal and social change on correctional policy development. Discusses current problems, issues and trends.

6430. Community Corrections (3). The development of and rationale for community-based corrections as an alternative to incarceration. Discusses probation and parole, half-way houses, diversion, restitution and other community-based programs, including intermediate sanctions.

6510. JPS Planning and Budgeting (3). Planning concepts, methods, implementation, budgeting and evaluation. Focuses on the relationship of planning to effective management and decision making.

6580. Loss Prevention (3). Examination of losses suffered by retailers as a result of manmade and natural security hazards. Reviews methods of handling such losses as shrinkage and external theft, insurance fraud and employee theft as they relate to the duties and responsibilities of the loss prevention administrator.

6600. Business Organizations for Paralegals (3). Detailed study of legal issues in business. Topics include contracts, UCC, e-commerce, negotiable instruments, securities, secured transactions and business entities.

6602. Legal Research (3). Detailed study of legal bibliography, law library research, case and text analysis, resulting in the supervised production of legal research assignments. Upon completion, the student will be able to identify and use a variety of legal sources, plan a research strategy and complete a significant research project.

6610. Juvenile Justice Administration (3). Application of basic principles of organizations and management in the juvenile justice system. Examines the social and legal context of delinquency and juvenile justice practice. Discusses policy, procedure, budgeting, program development and evaluation.

6630. Victimology (3). Characteristics of victim/offender interaction, the effects of criminal acts on victims and their families, and society's reaction to the plight of the victim.

6642. Justice Writing/Legal Writing (3). Detailed study of effective communication in justice and public safety. Includes analysis and synthesis of interoffice communications, analysis of research and development of projects and presentation of social science research.

6650. Civil Litigation (3). Legal steps involved in preparation of a civil case, efforts towards a non-judicial settlement and trial and post-trial considerations in general civil matters.

6660. Court and Judicial Administration (3). Analysis of administrative and management issues concerning trial courts, state court systems and the federal courts regarding to case management, jury management, personnel administration, budgeting and other topics.

6670. Family Law (3). Examination of laws impacting family relationships such as marriage, annulment, divorce, adoption, child support and custody, child abuse, parentage, termination of parental rights and other related issues.

6700. Research Methods (3). Pr., JUST 6642. Research theory and methodology in social sciences, including research design, conceptual models, sampling techniques and development of individual research papers. Grant writing fundamentals.

6710. Alternative Dispute Resolution (3). Examination of various aspects of alternative dispute resolution, including arbitration, negotiation and mediation.

6752. Homeland Security and Terrorism (3). Introduces theories of the world's best terrorist analysts. Focuses on domestic and international terrorism threats, basic security issues and use of technology to combat terrorism. Discusses why terrorism exists, the present state of terrorism and the future of this erratic phenomenon.

6780. Administrative Law (3). Focuses on substantive and procedural matters, including code and standards, benefit claims, regulated groups, court decisions and civil rights.

6800. Paralegal Studies/Legal Ethics (3). Survey of the occupational field of the paralegal (legal assistant), including ethics, law office management, legal research, law libraries, administrative law, criminal and civil law, employment discrimination and career opportunities.

6813. Computer Applications in Law (3). Pr., JUST 6602. Introduction to software commonly used in law offices, including spreadsheets, databases and case management software and review of word processing applications. Includes instruction in the use of Internet and computer-assisted legal research.

6850. JPS Human Resources Management (3). Focuses on the implications of substantive and procedural law relating to personnel issues, legal and regulatory issues within an organization and sexual harassment in the workplace.

6924. Internship (1-3). Pr., permission of adviser. Supervised study in an administrative setting, with opportunity to integrate theory and practice in criminal justice agencies. Credit may not exceed 3 semester hours for any single internship.

6932. Directed Research (1-3). Pr., JUST 6642, permission of adviser. Independent research into criminal justice problems, issues and theories or a practical problem in a student's work setting. Credit may not exceed 3 semester hours for any single project.

6972. Special Problems/Special Topics (3). In-depth examination of specific topics of current interest in criminal justice, public safety and paralegal education. Course may be repeated as topics change.

6982. Master's Comprehensive Examination (0). Pr., completion of coursework or in last semester of coursework.

Homeland Security and Emergency Management (HSEM)

6120. Issues of Patriot Act, U.S. Constitution and Homeland Security (3). The course will discuss various issues of the Patriot Act as it relates to the U.S. Constitution and homeland security.

6320. Emergency Management (3). Course will provide students with the ability to develop emergency management plans for governmental agencies and businesses, and will include critical infrastructure management.

6330. Psychology of Terrorism and Fear (3). Course provides a broad overview of psychological effects of terrorism, including the generalized fear and anxiety experienced by the public.

6340. Weapon of Mass Destruction (3). Topics to be covered include the definitions and effects of nuclear, chemical, biological and radiological weapon; motivation and capabilities of terrorist groups to acquire and use WMD's.

6350. Technology for Homeland Security (3). Broad overview of homeland security technology, includes (but not limited to) information systems, information security, inspection, surveillance technology and an emphasis on security of technology infrastructure.

6390. Intelligence and Information Dissemination (3). This course will cover the principles of intelligence gathering and appropriate means of disseminating critical intelligence information. (Course will be modeled after the Naval Post Graduate Course.)

6899. Elective Transfer Credit (3). Pr., department head approval.

6965. Independent Study (3). Pr., Permission of adviser.

6970. Special Topics (3). Titles will vary.

6985. Capstone Project in Homeland Security (3). Provide students with the motivation and skills to perform their professional roles in new ways by putting knowledge into practice. Students will have writing assignments, such as development of a concept paper for practical and applied implementation and research topics.

Mathematics (MATH)

Professor Underwood

Associate Professors Foguel (Head), Peele, Schmidt, Smith and Stanica

Assistant Professors Albree, Brown, Cueva-Parra, Lee and Ragland

6110. History of Mathematics (3). Pr., MATH 1620. A first course beginning with Babylonian and Egyptian mathematics, including the contributions of the Greeks and the development of elementary mathematics through calculus.

6200. Discrete Mathematics (3). Pr., MATH 2660. Combinatorial reasoning and problem solving, including graph theory, counting principles, permutations and combinations and combinatorial modeling.

6210. Analysis I (3). Pr., MATH 2660. The Least Upper Bound axiom and order properties of the real line; sequences, series; continuous functions; fixed point theory. Emphasis on the development of proofs by students.

6220. Analysis II (3). Pr., MATH 6210. A continuation of MATH 6210 Analysis I. Limits; theory of the Riemann integral; sequences of functions; uniform convergence; power series. Emphasis on the development of proofs by students.

6230. Complex Variables (3). Pr., MATH 2630. Complex numbers, limits, differentiation, analytic functions, integration, conformal mappings and applications.

6300. Number Theory (3). Pr., MATH 2660 (minimum grade - D). Mathematics of the integers; divisibility, primes, unique factorization; congruences and residues; Diophantine problems; and number theoretic functions.

6310. Modern Algebra I (3). Pr., MATH 2660. An introduction to algebraic structures. Binary operations, groups, subgroups, groups of permutations, cyclic groups, normal subgroups, quotient groups, homomorphisms and isomorphisms, rings, integral domains and fields.

6320. Modern Algebra II (3). Pr., MATH 6310. A continuation of MATH 6310 Modern Algebra I. Ideals and quotient rings, ring homomorphisms, rings of polynomials, factorization, Euclidean rings, extension fields and selected additional topics.

6400. Mathematical Models and Simulation (3). Pr., MATH 2660, knowledge of a computer programming language. Use of models and simulation for solving problems in applied mathematics. Techniques of setting up, solving and interpreting models as well as an introduction to selected standard models.

6470. Foundations of Plane Geometry (3). Pr., MATH 1620. Axiomatic development of plane geometry. Emphasis on the development of proofs by students.

6500. Topology (3). Pr., MATH 2630, permission of instructor. Metric spaces, continuity, sequences, equivalent metrics; topological spaces and homeomorphisms; products; and connectedness and compactness. Offered when there is sufficient demand.

6600. Numerical Analysis I (3). Pr., MATH 2660, significant fluency in a programming language, familiarity with FORTRAN. Number systems and error propagation, solution of systems of nonlinear equations, acceleration of convergence, polynomial and spline interpolation, Chebyshev economization, numerical integration and differentiation, efficient direct solution of systems of linear equations, PLU factorization of matrices, matrix norms and condition numbers. Additional projects of more theoretical nature required.

6610. Numerical Analysis II (3). Pr., MATH 6600. Iterative solutions of large systems of linear equations, numerical solutions of eigenvalue problems for linear systems, numerical solutions of boundary value problems for ordinary differential equations, numerical solutions of systems of ordinary differential equations and least squares approximation. Offered when there is sufficient demand.

6670. Mathematical Statistics I (3). Pr., MATH 2630. Basic probability theory; combinatorics; random variables; special distributions; and applications to scientific and engineering data.

6680. Mathematical Statistics II (3). Pr., MATH 6670. A continuation of MATH 6670 Mathematical Statistics I. Moment generating functions and the use of moments; Central Limit Theorem; derivation of probability density function of sample

statistics; sampling, estimation and hypothesis testing; and correlation and regression. Offered when there is sufficient demand.

6690. Mathematical Methods in Engineering and Physics (3). Pr., MATH 2630 and MATH 2690. Sturm-Liouville problems with special functions; Fourier series and integrals; partial differential equations, including hyperbolic, parabolic and elliptic equations with applications; and Fourier and Laplace transform methods.

6970. Special Topics in Mathematics (3). Pr., permission of instructor. An individual topics or problems course. Each student will work under the direction of a staff member on a topic or problem of mutual interest. With permission from the department head, may be taken on a pass-fail basis.

The Political Science Program

Professors Dennard, Kalu and Nathan (Eminent Scholar, Khaled bin Sultan Chair)
Associate Professor Moody
Assistant Professors Knigge and Xu

The objective of the master's degree in Political Science (M.P.S.) is to provide a basic understanding of governments and governing procedures and problems to those students with varied undergraduate backgrounds who are in or are seeking careers in higher or secondary education, the legal profession, state or local government, the federal government, journalism or any quasi-public organization which monitors the political process.

The M.P.S. program consists of a common core of five courses and 18 additional hours of study which may be selected from any political science or public administration offerings acceptable for graduate credit. With the consent of the M.P.S. adviser, a student may take up to 9 hours of course work from any other discipline offering graduate courses. These 9 hours would be applied toward the 18 elective hours required. Awarding of the degree is conditional on completion of 33 graduate semester hours, meeting graduate school requirements and passing a master's comprehensive examination at the end of the course work.

Courses in the M.P.S. Program (POLS)

There are five required courses in the M.P.S. program:

6010. Introduction to Public Administration (3). Pr., graduate standing. Examines the constitutional, institutional, political and social environment in which public administration occurs and introduces students to the important theories, concepts, functions and issues in public administration.

6060. Applied Research and Program Evaluation (3). Pr., graduate standing. Application of scientific research methods to administrative problems, including practical methods of gathering, analyzing and interpreting data. Content includes theory and basic techniques underlying quantitative and qualitative analysis of public programs.

6110. Seminar in American Government (3). Pr., graduate standing. A systematic examination of functions, problems and issues within the political and constitutional framework of selected areas of American government.

6130. Seminar in State and Local Government (3). Pr., graduate standing. A systematic examination of function, problems and issues within the political and constitutional framework of selected areas of state and local government.

6810. Political Behavior (3). Pr., graduate standing. Surveys the personal and social basis of political participation, political choice and political leadership. May be taught concurrently with POLS 4810.

POLS Electives

6100. Politics of Education (3). Pr., graduate standing. Relationships among citizens, interest groups, political institutions and public policy for education, including the impact of local, state and national institutions on educational policy and practice. May be taught concurrently with POLS 4100.

6160. Seminar in Intergovernmental Relations (3). Pr., graduate standing. Selected areas of intergovernmental systems with emphasis on the practical operation of government in American Federalism.

6200. U.S. Foreign Policy (3). Pr., graduate standing. American diplomatic experience and foreign relations from the Revolution to the present.

6250. National Security and Domestic Policy (3). Pr., graduate standing. Concepts of national security, national interest, self-defense and self determination and how they are affected by domestic policy decisions.

6300. Problems in Metropolitan Politics (3). Pr., graduate standing. Selected problems of metropolitan areas and their possible resolution through public policy. May be taught concurrently with POLS 4300.

6350. Area Studies (3). Pr., POLS 2020, junior standing. An in-depth analysis of the political environment, institutions and processes of government in a geographical area selected by the instructor. May be repeated with focus in another area. May be taught concurrently with POLS 4350.

6450. Comparative Government and Politics (3). Pr., graduate standing. The institutions, political processes, functions and problems of major contemporary political systems from a comparative perspective. May be taught concurrently with POLS 4450.

6500. Southern Politics (3). Pr., graduate standing. The nature of political process in the South, with emphasis on the extent to which the process is both similar to and distinct from the American political process as a whole. May be taught concurrently with POLS 4500.

6540. American Chief Executive (3). Pr., graduate standing. Surveys the development and operation of the American presidency and state gubernatorial offices. May be taught concurrently with POLS 4540.

6550. Problems in Contemporary International Politics (3). Pr., graduate standing. Analyzes current problems and conflicts in international relations, such as terrorism, globalization and use of force.

6650. Seminar in Political Theory (3). Pr., graduate standing. The problems of scope and methods of inquiry in the field of political theory, with intensive research in selected topics.

6660. Democracy and Democratization (3). Pr., graduate standing. The roots, development and major components of the democratic idea, the variety of modern democratic practice; and the spread of democracy in the modern world and its effects on international politics.

6670. Seminar in International Politics (3). Pr., graduate standing. In-depth research on concepts and topics of international relations under the supervision of the instructor, with results presented in a seminar setting.

6750. Seminar in Constitutional Law (3). Pr., graduate standing. Selected areas of constitutional law, with readings in depth in relevant cases and constitutional theory.

6800. Voting Behavior (3). Pr., graduate standing. The personal, social and constitutional basis of the behavior of electorates. May be taught concurrently with POLS 4800.

6840. Politics and the Mass Media (3). Pr., graduate standing. How modern mass media have altered the dynamics of democratic politics in the United States. Specific topics include the role of the media in electoral campaigns and how the news influences public opinion and policy-makers. May be taught concurrently with POLS 4840.

6850. Seminar in International Law and Organization (3). Pr., graduate standing. A systematic analysis of international law and organizations and their relevance and effectiveness in resolving conflict among states.

6860. Political Psychology (3). Pr., graduate standing. Psychological foundations of individual political behavior. Applies various social-psychological paradigms to the study of public attitudes, mass and elite behavior, social conflicts and foreign policy making. May be taught with POLS 4860.

6962. Directed Readings in Political Science and Public Administration (1-6). Pr., graduate standing. Credit to be arranged and consent of instructor required for enrollment.

6972. Special Problems in Political Science and Public Administration (1-6). Pr., graduate standing. Advanced research in specific areas of political science as arranged with the instructor.

6982. Comprehensive Examination (0). Pr., graduate standing. Students are eligible to register for the comprehensive if they meet the following criteria:

1. Formal admission to the graduate program (GR entry).
2. Completion (with recorded grades, not I's) of 30 hours of degree courses, including all core courses.
3. A 3.0 graduate GPA (based on a 4.0 scale).

The exam may be retaken one time, no earlier than the next term's scheduled exam date. The student retakes only the section(s) failed.

The Master of Science in Psychology

Professors LoBello, Ray and Zachar (Chair)

Associate Professors Mehta and Tidwell

Assistant Professors Arms-Chavez, Harper and Kakhnovets

The Department of Psychology promotes the generation, development and transfer of scientific and professional knowledge through its programs of teaching, research and service. The graduate program is an academically rigorous program with a basis in scientific psychology. The goal for graduate students is the ability to gain entrance into a doctoral program or have skills to obtain employment in the field. All students will be able to recognize and differentiate concepts used in the basic domains of psychology and distinguish research methods and statistical procedures commonly used in psychology. Students with a clinical focus will be able to administer and interpret psychological tests and demonstrate basic clinical skills. Thesis students will be able to present and successfully defend an original research study.

The Clinical Comprehensive Exam Track

First Year

Fall

PSYC 6243 Principles of Psychotherapy*

PSYC 6273 Individual Intelligence Testing

PSYC 6190 Research Methods

Spring

PSYC 6530 Advanced Abnormal Psychology

PSYC 6283 Objective Psychological Assessment

PSYC 6290 Research Statistics

Summer

PSYC 6100 Professional Issues, Ethics and Diversity

PSYC 6952 Theories of Psychotherapy*

Second Year

Fall

PSYC 6952 Group Psychotherapy

PSYC 6450 Advanced Social Psychology or

PSYC 6780 Advanced Developmental Psychology

PSYC 6924 Practicum

Spring

PSYC 6160 History and Systems of Psychology

PSYC 6670 Cognitive Neuroscience

PSYC 6924 Practicum

PSYC 6982 Master of Psychology Comprehensive Exam

The Clinical Thesis Track

First Year

Fall

PSYC 6243 Principles of Psychotherapy*

PSYC 6273 Individual Intelligence Testing

PSYC 6190 Research Methods

Spring

PSYC 6530 Advanced Abnormal Psychology

PSYC 6283 Objective Psychological Assessment

PSYC 6290 Research Statistics

Summer

PSYC 6100 Professional Issues, Ethics and Diversity

PSYC 6952 Theories of Psychotherapy*

We recommend having a thesis topic and adviser by early summer.

Second Year

Fall

PSYC 6952 Group Psychotherapy

PSYC 6450 Advanced Social Psychology or

PSYC 6780 Advanced Developmental Psychology

PSYC 6902 Independent Study For Thesis

Spring

PSYC 6160 History and Systems of Psychology

PSYC 6670 Cognitive Neuroscience

PSYC 6902 Independent Study For Thesis

The General Psychology Program

The General Psychology program requires 14 courses.

The following courses are required and offered at night (except internship):

PSYC 6190 Research Methods

PSYC 6290 Research Statistics

PSYC 6450 Advanced Social Psychology

PSYC 6780 Advanced Developmental Psychology

PSYC 6160 History and Systems of Psychology

PSYC 6670 Cognitive Neuroscience

PSYC 6100 Professional Issues, Ethics and Diversity

Six hours of internship for the comprehensive exam option

Two 3-hour independent studies for the thesis option

The remaining courses are electives - to be decided on between the student and her or his adviser.

Regularly offered graduate classes that can be used in the general psychology program include:

PSYC 6530 Advanced Abnormal Psychology

PSYC 6250 Group Psychotherapy

PSYC 6723 Individual Intelligence Testing

PSYC 6283 Objective Psychological Assessment

With their adviser's consent, students may also take psychology-relevant courses in the MBA program such as human resource management (pending approval of the business school).

The following courses are more likely to be day classes. The undergraduate (4000 level) classes that can be converted into (6000 level) graduate classes include:

PSYC 6320 Physiological Psychology

PSYC 6660 Cognitive Psychology

PSYC 6760 Industrial-Organizational Psychology

PSYC 6340 Health Psychology

PSYC 6330 Sensation and Perception

PSYC 6470 Culture and Psychology

Students may also design one independent study class with the approval of their adviser and the department chair.

*Principles of Psychotherapy and Theories of Psychotherapy cannot be used in the general psychology program.

Psychology (PSYC)

6100. Professional Issues, Ethics and Diversity (3). Pr., graduate standing. Ethical issues and their relevance for the student's professional identity. Practice research applications of the American Psychological Association's code of ethics examined, along with cultural and diversity issues. Usually offered summer term.

6150. Theories of Psychotherapy (3). Pr. graduate standing. Basic theoretical systems of psychotherapy. Usually offered summer term.

6160. History and Systems of Psychology (3). Pr., graduate standing. Historical developments leading to various systematic foundations in contemporary psychology. Usually offered spring term.

6170. Advanced Educational Psychology (3). Pr., graduate standing. In-depth analysis of the psychological bases of learning. Particular emphasis is on development and modification of cognitive and affective behavior. Same as FNDS 6170.

6190. Research Methods (3). Pr., graduate standing. Investigative techniques of research, with special emphasis on principles and practices of research design and methodology. Usually offered fall term.

6243. Principles and Skills of Psychotherapy (4). Pr., graduate standing. An introduction to counseling and psychotherapy, with an emphasis on basic skills and common therapeutic principles. Usually offered fall term.

6250. Group Psychotherapy (3). Pr., graduate standing. Group psychotherapy and technique. Covers the history of group therapy, aspects of group development, leadership styles, ethical considerations and leading groups from different theoretical perspectives.

6263. Measurement of Human Behavior (4). Pr., PSYC 4153 or equivalent. Analysis and practicum in observing, measuring, assessing and evaluating human behavior, with emphasis on behavior interviewing and development of checklists and scales.

6273. Individual Intelligence Testing (3). Pr., PSYC 4153 or equivalent. Supervised practice in administration and interpretation of individual intelligence tests for children and adults. Usually offered fall term.

6280. Principles and Theories of Learning (3). Pr., graduate standing. Analysis of traditional and contemporary learning theories.

6283. Objective Psychological Assessment (4) Pr., PSYC 6273. Use of psychological tests for the assessment of personality in clinical, career and personnel settings. Usually offered spring term.

6290. Research Statistics (3) Pr., graduate standing. An advanced lecture and laboratory course using statistical analysis for complex research designs.

6293. Projective Personality Appraisal (4), Pr. PSYC 6273. Supervised practice in administration and interpretation of projective personality techniques. Rorschach, T.A.T. and other techniques emphasized.

6320. Physiological Psychology (3). Pr., graduate standing. Physiological bases of behavior, motivation and cognitive processes, focusing on the central nervous system.

6330. Sensation and Perception (3). Pr., graduate standing. A survey of how organisms sense and perceive the environment. Topics include stimuli that activate the sense organs, anatomy of sense organs and theories and research about how the brain and past experiences convert sensations into perceptions.

6340. Health Psychology (3). Pr., graduate standing. Relationships between behavior and physical health. Emphasis on factors associated with physical illness, well-being and adaptation to illness.

6350. Psychopharmacology (3). Pr., graduate standing. Study of chemicals with the potential to alter mood, perception or behavior. Includes the composition and effects of such drugs, theoretical perspectives and empirical research.

6450. Advanced Social Psychology (3). Pr., graduate standing. Selected theory and research in socialization process, interpersonal dynamics, conformity and attitude formation and change.

6470. Culture and Psychology (3). Pr., graduate standing. The importance of culture in explaining human behavior. Encourages students to raise questions about traditional viewpoints in psychology and to evaluate different ways of understanding the diversity of human behavior in general.

6530. Advanced Abnormal Psychology (3). Pr., graduate standing. Provides a working understanding of various disorders treated and managed by professional psychologists. Includes familiarity with operationalized diagnostic criteria and theoretical perspectives on various disorders. Usually offered spring term.

6613. Principles of Behavior Modification (4). Pr., graduate standing. Learning reviewed with emphasis on the modification of human behavior. Group and single-subject research, data gathering instruments and designs are compared, constructed and used in a supervised practicum.

6640. Personnel Selection and Utilization (3). Pr., graduate standing. Application of behavior principles to recruiting, selecting, evaluating and training of factory, office, labor and professional personnel. Usually offered spring term.

6660. Cognitive Psychology (3). Pr., graduate standing. A survey course that examines cognitive processes involved in memory, attention, decision making, problem solving, mental imagery and language. Basic and applied research in these areas emphasized.

6670. Cognitive Neuroscience (3). Pr., graduate standing. Attention, memory, emotions and higher order cognitive processes, with an emphasis on their biological bases.

6710. Theories of Personality (3). Pr., graduate standing. A systematic examination of the theoretical and methodological characteristics of approaches to the study of personality which have influenced the area.

6760. Advanced Industrial-Organizational Psychology (3). Pr., graduate standing. Provides an in-depth focus on issues in industrial-organizational psychology. Basic theoretical positions and empirical findings emphasized.

6780. Advanced Developmental Psychology (3). Pr., graduate standing. An advanced investigation of the influences on socio-emotional, cognitive and behavioral age-related changes across the lifespan, including current theoretical perspectives and empirical research.

6902. Independent Study and Project (1-6). Pr., graduate standing. Topics relevant to the individual's program which are not available in the remainder of the curriculum may be investigated with one objective being the production of a thesis. May be repeated for a total not to exceed 9 hours. Cannot be used to fulfill the "elective" requirement for the general psychology thesis program. Offered every term.

6924. Practicum in Psychology (2-6). Pr., graduate standing. Supervised practice in an applied setting. Content and placement to be arranged by the student and department. May be repeated for a total of 6 hours. Usually offered every term.

6952. Seminar in Psychology (3) Pr., graduate standing. A topical course reflecting student and faculty interests. May be repeated by the student in various topics.

6982. Master in Psychology Comprehensive Examination (0). Pr., adviser's approval. A series of exams covering core areas that parallel many of the topics assessed in the EPPP licensing exam for psychologists. Students are eligible to register for the comprehensive if they meet the following criteria:

1. Formal admission to the graduate program (GR entry).
2. A 3.0 graduate GPA (based on a 4.0 scale).

Should a student fail the examination, it may be retaken two times.

6992. Thesis (0). Pr., graduate standing, committee chair's approval. Completion of a formal research project under faculty supervision.

The Public Administration Programs

Professors Dennard, Kalu and Nathan (Eminent Scholar, Khaled bin Sultan Chair)

Associate Professor Moody

Assistant Professors Knigge and Xu

Ph.D. in Public Administration and Public Policy

The Ph.D. in Public Administration and Public Policy is offered jointly by the AUM Department of Political Science and Public Administration and the Auburn University Department of Political Science. The degree program is managed by a committee composed of members from both campus. The degree is intended for students with public administration and public policy interests who want to develop the capacity to perform advanced research as academic or policy analysts in public sector agencies, NGOs and policy institutes. This research orientation is consistent with National Association of Schools of Public Affairs and Administration policies.

The curriculum includes a 12-semester-hour core consisting of four seminars covering organization theory, research methods and program evaluation, policy formulation and public administration theory. Beyond the core, the student specializes in one of two tracks: public administration or public policy. The public administration track consists of three courses (with titles that vary slightly between campuses): public finance and budgeting, human resource administration and organization theory. The public policy track consists of a choice of three out of five courses (whose titles also vary slightly between campuses): American politics, comparative politics, international relations, political theory and public law. Specific titles and course numbers may be obtained from the director of the doctoral program or either department head. Either track constitutes an additional 9 semester hours beyond the core.

In addition to the core and track courses, most students will take an additional six classes (18 semester hours) of electives.

After completion of all course work, the student will take a written and an oral examination. The student will begin dissertation research after successfully completing these examinations.

If an applicant's master's degree is not an M.P.A. or its equivalent, his or her work will be evaluated by the admissions committee to determine what M.P.A. core courses might be required. These courses will not be credited toward doctoral work.

Other Ph.D. elective courses may be found under the headings PA Electives, Courses in the M.P.S. Program and PO Electives. All Ph.D. elective courses in those sections are crosslisted at 6000 and 7000 levels.

Additional Ph.D. elective courses are located in the Auburn University Graduate School Bulletin. Prospective applicants should contact the Ph.D. director.

Applications can be made online at www.auburn.edu. All applicants must submit to the Auburn Graduate School: a completed Graduate School application form; three letters of reference from employers or graduate faculty (at least one from faculty); an essay on "Why I Wish to Earn a Doctorate in Public Administration;"

a resume; Graduate Record Examination results; and undergraduate and graduate transcripts. A GRE subject matter examination is not required. See www.aum.edu/pspa for details.

Courses in the Ph.D. Program of Study (PUAD)

The following Ph.D. core courses are offered at AUM.

7000. Seminar in Public Administration (3). Pr., PUAD 6010, doctoral standing. A critical survey of U.S. scholarship in public administration.

7020. Seminar in Public Policy (3). Pr., PUAD 6070, doctoral standing. Advanced study of the nature of policy development and implementation.

7060. Public Policy Analysis and Research (3). Pr., PUAD 6060, PUAD 6080, doctoral standing. An examination of advanced policy analysis and research methodology and of the relationship between evaluation and quantitative analysis and policy formulation and implementation.

Ph.D. Electives

7040. Public Budgeting (3). Pr., doctoral standing. Comprehensive theoretical underpinning for research in the field of public budgeting. Focuses on models associated with descriptive and prescriptive budgeting research.

7070. Human Resource Management (3). Pr., doctoral standing. Introduces the advanced concepts in the field of human resource management. Emphasis is on the wide range of human resource concerns revolving around the use of a merit system in the public sector.

7080. Public Organization Theory (3). Pr., PUAD 6030, doctoral standing. Analysis of the research literature on administrative and organization theory and behavior, especially as it applies to the problems and opportunities of public management.

7992. Dissertation (1-12). Pr., doctoral standing.

■ M.P.A. Program

Mission

The mission of the Master of Public Administration program is to provide students with essential learning opportunities that will prepare them for careers in the public service. These learning opportunities are designed to enhance the leadership, decision-making, analytical, interpersonal and communication skills of those operating in or seeking to enter public or nonprofit sector employment; increase their knowledge and understanding of the political, constitutional, economic, social, cultural and organizational environments that influence their decisions and the organizations within which they work; incorporate appropriate technology;

and instill greater awareness of the role of ethics in all aspects of the administrative process.

Educational Strategy

This mission is accomplished through an emphasis on faculty teaching and student learning, faculty and student research and faculty service to the university, the surrounding community and the profession. The richest learning environment is created when all the above factors are integrated in the classroom setting.

The students to be served are those working to enhance their administrative skills, whether they are about to begin their administrative careers or they seek greater professional preparation and development. Important constituencies to be considered include the state, local and federal governments, Maxwell and Gunter Air Force Bases, hospitals and affiliated public and private sector health care providers, nonprofit organizations and elected officials.

An important part of our educational strategy is to reach out to members of the surrounding community for feedback on the nature of our program, its strengths and weaknesses and the quality of our graduates and to constantly monitor and improve our local, state and national reputation.

Objectives of the M.P.A. Program

1. To provide students with the necessary knowledge to prepare them for the management of public and nonprofit sector organizations.
2. To offer to students a competent and qualified faculty dedicated to teaching, research and service and to the integration of these areas into the student learning environment.
3. To offer a quality Master of Public Administration program that meets all pertinent national professional standards.
4. To maintain a dynamic relationship with the communities, served whereby departmental expertise is shared with outside groups for the purpose of improving public and nonprofit sector activities and standards. Feedback is received for the purpose of improving program offerings and operations.
5. To further support the personal and career development of students through mentoring and other support processes and to maintain an atmosphere conducive to maintaining such relationships with former students.

Students who have strong undergraduate backgrounds in the social sciences, business administration, the health sciences, urban studies or planning or who have appropriate career experience closely related to such fields will be considered to have sufficient preparation for admission if they meet the general admission requirements of the graduate school. Based on background preparation, each student will design an individual program in consultation with the faculty adviser. Students deficient in undergraduate background or other criteria set by the graduate school for admission may potentially be admitted under the PB, or academic probationary, classification (see the Student Classification section of this catalog).

The M.P.A. degree is awarded by the faculty upon the student's passing of the Master's Comprehensive Examination and upon completion of the academic program.

To be eligible for the Comprehensive Examination, a student must be in a "fully admitted" classification and have completed 33 semester hours of course work. Students must take a total of 36 semester hours of course work. Twenty-one hours are in required core courses; 15 hours represent electives to be chosen from the public administration and political science courses offered at the master's level.

■ Courses in the M.P.A. Program of Study (PUAD)

6010. Introduction to Public Administration (3). Pr., graduate standing. Examines the constitutional, institutional, political and social environment in which public administration occurs and introduces students to the important theories, concepts, functions and issues in the discipline of public administration.

6030. Government Organization and Administration (3). Pr., graduate standing. Surveys major theoretical, conceptual and ethical issues in understanding the behavior of public organizations. Compares the behavior of public and private organizations and introduces strategies for responding to problems in leadership, motivation, structure, decision making, communication and organizational change.

6040. Public and Nonprofit Budgeting (3). Pr., graduate standing. An examination of the processes and techniques of public and nonprofit sector budgeting. Includes formulation, authorization, appropriation and execution stages.

6050. Human Resource Administration in the Public Sector (3). Pr., graduate standing. Examines the nature of employment/merit systems in the context of public sector. Focuses on the value/ethical dimensions of the personnel field and on selected personnel processes such as job analysis, job evaluation, recruitment and selection.

6060. Applied Research and Program Evaluation (3). Pr., graduate standing. The application of scientific research methods to administrative problems, including practical methods of gathering, analyzing and interpreting data. Content will include theory and basic techniques underlying quantitative and qualitative analysis of public programs.

6070. Public Administration and Policy Formulation (3). Pr., graduate standing. The process of policy making both within an agency and within the larger context of the total government process, emphasizing policy and program planning, policy implementation and the values system of administrators.

6080. Seminar in Quantitative Decision Making (3). Pr., graduate standing. A review of quantitative decision-making techniques and procedures currently in use in public agencies. Includes such approaches as benefit-cost analysis, decision analysis and linear programming.

PUAD Electives

The elective curriculum in the M.P.A. program has three areas of concentration from which students may choose or they may select a broader based set of electives. Students taking three or more courses in a designated area (as specified below) will be considered to have a concentration in that area and will be certified as such to prospective employers by the Public Administration faculty. Areas of concentration are:

Health Care Administration:

Three courses from PUAD 6810, PUAD 6820, PUAD 6830, PUAD 6840

Objectives: To provide graduate students an introduction to the administration of hospitals, health care organizations and agencies; the American health care system, including its major characteristics, components, structures, methods of financing and delivery and problems; and the formulation and administration of health care policy in the United States at the national and state levels, with emphasis upon the impact of public policy on the health care system. To provide graduate students with in-depth study of major problems in the financing, delivery and administration of health care in the United States through research, case study and other methods. Completion of PUAD 6810, PUAD 6820, PUAD 6830 and PUAD 6840 leads to a Certificate in Health Care Administration and Policy.

Nonprofit Management and Leadership:

Three courses from PUAD 6710, PUAD 6720, PUAD 6730.

Objectives: To provide students with a comprehensive theoretical and practical knowledge of the dynamics of managing nonprofit organizations in American society; to develop an understanding of the unique management issues of nonprofits; to acquaint students with the historical development and contemporary growth of nonprofits; to develop an appreciation of the interrelationship of nonprofit organizations with public and private sector organizations; to develop an understanding of the financing of nonprofit organizations; and to appreciate the role of marketing for nonprofits. Completion of PUAD 6710, PUAD 6720 and PUAD 6730 along with PUAD 6040 leads to a Certificate in Nonprofit Management and Leadership.

State and Local Administration:

Three courses from POLS 6300, PUAD 6310, PUAD 6130, POLS 6160

Objectives: To provide students with an understanding of the important structures, procedures and processes in the administration of programs by the public administrator in state and local government; to develop an understanding of the character and effect of the intergovernmental system on the public administrator in state and local government; to introduce significant contemporary trends and developments in state and local government; to acquaint students with the nature and importance of accepted research procedures in the study of public administration in state and local government; to understand ethical issues that appear in the administration of state and local government programs; and to appreciate that a successful public administrator in state and local government must understand the heterogeneous social and cultural environment in which administration occurs.

6130. Seminar in State and Local Government (3). Pr., graduate standing. A systematic examination of function, problems and issues within the political and constitutional framework of selected areas of state and local government.

6140. Issues in Public Administration (3). Pr., graduate standing. Examination and analysis of various public programs of concern to the public administrator: housing, health, poverty, welfare, employment, urban renewal and related political and social factors influencing policy formulation and implementation.

6170. Environmental Problems (3). Pr., graduate standing. Reviews current practice, theory and research pertinent to maintaining ecological balance while providing for the immediate needs of individuals and their social institutions; introduces the concepts of environmental management. May be taught concurrently with POLS 4170.

6180. Science, Technology and Public Policy (3). Pr., graduate standing. A study of the impact of science and technology on social, political and economic systems and of governmental decision making for science and technology.

6210. Intermediate Decision Making (3). Pr., graduate standing, PUAD 6060, PUAD 6080. Extends student's quantitative decision-making skills developed in PUAD 6080.

6220. Problems in Policy Formulation and Decision Making (3). Pr., graduate standing, PUAD 6070. Application of small group policy formulation and decision-making techniques and individual decision-making techniques to selected policy areas such as military-civilian policy, foreign policy and energy policy.

6230. Policy Implementation (3). Pr., graduate standing. Includes the use of regulations, statutes, economic incentives, education, coercion and other devices to implement policies within one level of government and among two or more levels.

6250. Topics in Data Collection (3). Pr., graduate standing, PUAD 6060. An in-depth examination of the techniques and issues related to one or more data gathering techniques such as survey research methods, elite and specialized interviewing, content analysis and aggregate data collection. Includes computer applications where appropriate. May be taken more than once.

6260. Topics in Data Analysis (3). Pr., graduate standing, PUAD 6060. An in-depth examination of one or more data analysis techniques and their applications in policy analysis. Topics may include time series analysis, regression, casual modeling and other approaches. Computer applications included. May be taken more than once.

6310. Public Administration in State and Metropolitan Government (3). Pr., graduate standing. Focuses on the problems of identification, analysis, decision-making implementation and evaluation of government programs and services as they apply to state and local governments.

6410. Public Employee Management for Labor Relations (3). Pr., graduate standing. Seminar topics include collective bargaining and public employee unionism as well as topical problems of current interest.

6640. Personnel Recruitment, Selection and Approval (3). Pr., graduate standing, PUAD 6050. A general introduction to public processes, an exploration of the nature of public sector affirmative action and its impact on recruitment and selection and the nature and methodologies of the written testing processes used in civil service systems.

6710. Administration of Nonprofit Organizations (3). Pr., graduate standing. An introduction to management issues in the nonprofit sector. Topics include the history and structure of nonprofits, total quality management applications, strategic planning and the role of a board of directors.

6720. Fundraising and Grantsmanship for Nonprofit Organizations (3). Pr., graduate standing. Explores funding sources and writing grant proposals. As part of this course, students will be expected to write at least one actual grant proposal.

6730. Marketing for Nonprofit Organizations (3). Pr., graduate standing. Introduces students to the role of marketing in nonprofit organizations as the key to meeting the needs of target clients, patrons or customers.

6810. Introduction to Health Care Administration (3). Pr., graduate standing. Survey of the administrative issues involved in the delivery of health care services.

6820. Leadership in Health Care Administration (3). Pr., graduate standing. Examination of management practices in institutional health care organizations.

6830. Seminar in Health Care Policy & Administration (3). Pr., graduate standing. In-depth examination of contemporary problems and issues in the delivery of health care.

6840. Health Care and Legal Principles (3). Pr., graduate standing. An examination of the legal principles covering sources of law, business, enterprises, government regulations, general health law and managed care.

6924. Internship in Public Administration (3). Pr., graduate standing. Provides pre-service students practical knowledge of some of the concepts and theories taught in class. Students allowed to take a maximum of 6 hours internship credit.

6962. Directed Readings in Public Administration (3). Pr., graduate standing. Credit to be arranged and consent of instructor required for enrollment.

6972. Special Problems in Public Administration (1-6). Pr., graduate standing. Advanced research in specific areas of public administration (as arranged).

6982. Comprehensive Examination (0). Pr., graduate standing. Students are eligible to register for the comprehensive if they meet the following criteria:

1. Formal admission to the graduate program (GR entry).
2. Completion (with recorded grades, not Is) of 36 hours of degree courses, including all core courses.
3. A 3.0 graduate GPA (based on a 4.0 scale).

Should a student fail the examination, the exam may be retaken one time. That retake can be taken no earlier than the next term's scheduled exam date. Students retake only the section(s) failed.

Air University Graduate Program

■ Master of International Relations

In cooperation with Maxwell Air Force Base, AUM offers a Master of International Relations (MIR) degree. Classes meet at Maxwell AFB in facilities provided by the U.S. Air Force.

Admission Policy

For admission to the Master of International Relations program, students must hold a bachelor's degree from an accredited college or university, submit acceptable scores on either the Graduate Record Examination General Test or the Miller Analogies Test and have at least a B average or its equivalent in their undergraduate work. Applicants with less than a B average or its equivalent may be admitted on probationary status pending completion of the first 9 semester hours of AUM course work with an average of B or better. Final acceptability for admission of an applicant will be determined by AUM.

Time Limit

All graduate work toward the MIR degree must be completed within five calendar years (15 terms), including summer terms. Time spent in active military service because of a national emergency will not be counted when the national emergency requires that the student be temporarily relocated.

Transfer of Credit

No more than 6 semester hours or three courses of graduate work, not to exceed 6 semester hours, may be transferred and applied toward the MIR degree. To transfer such work, a student must have been admitted to a graduate degree program in the institution at which the work was taken.

A student may also transfer credit from Professional Military Education not to exceed the equivalent of 6 semester hours. This credit must meet standards established by the American Council on Education set forth in the Guide to the Evaluation of Educational Experiences in the Armed Services. All PME credit to be transferred must be recommended by the ACE as the equivalent of graduate work, must have been taken no more than five calendar years prior to admission to the MIR program and must be relevant and appropriate to the field of international relations.

Transfer credit will not be accepted until a student has successfully completed 9 semester hours toward the MIR degree. All transfer credit must be acceptable to the director of the Air University graduate program and the dean of the School of Sciences. The work must be pertinent to the student's plan of study and must be within the five-year term limit. A student who has completed a master's degree or a professional degree may request that 6 semester hours be transferred to the MIR degree. It is the student's responsibility to apply for transfer credit and obtain official transcripts of such work.

Residency Requirement

With the exception of transfer credits, a student must take all course work toward the MIR degree in residence. No correspondence or distance learning credit may be granted.

Other Degree Requirements

The Master of International Relations degree consists of 30 semester hours, of which no more than 6 hours may be transfer credit. Students must maintain a 3.0 GPA or higher and must pass a written comprehensive examination in their last semester of course work. There is no thesis requirement.

Eligibility

The MIR program exists primarily to serve the officers and enlisted members of the U.S. Armed Services assigned to Maxwell AFB, as well as their spouses and dependents. Civilian employees of the Department of Defense and other executive departments of the U.S. Government assigned to Maxwell are also eligible. Other civilians may apply on a space-available basis. International officers may also apply, but they must meet all requirements listed above, meet U.S. Immigration and Naturalization Service (INS) regulations and provide acceptable scores on the Test of English as a Foreign Language (TOEFL).

Tuition and Fees

Tuition and fees in the MIR program are the same as those for campus graduate programs.

Application Information

To apply for admission to the MIR program a prospective student must:

1. Submit a completed Graduate Application for Admission. Submit the to the Admissions Office, Auburn University at Montgomery, P.O. Box 244023, Montgomery, AL 36124-4023. A check or money order in the amount of \$25 payable to AUM must be enclosed with the application.

Prospective student may also submit an online application which can be found at www.aum.edu.

2. Request the college or university that awarded the baccalaureate to forward an official transcript of the applicant's record to the Admissions Office. If the applicant has attended other colleges or universities, official transcripts of this work must also be submitted. Official transcripts or records of Professional Military Education must be submitted before transfer credit can be granted for this work. Personal copies of transcripts are not acceptable.
3. Submit satisfactory scores on either the Graduate Record Examination General Test or the Miller Analogies Test. The test should be taken before applying to the MIR program. An applicant may be granted Provisional Admission without GRE or MAT scores, but these must be received before the end of the first semester of course work. Scores on the GRE General Test or the MAT may not be over 5 years old at the time of application. Official copies of the scores must be sent directly to the Admissions Office. Personal copies of scores will not be accepted.

■ Courses in the MIR Degree Program (POLs)

The MIR degree program is composed of the following courses:

6060. Applied Research and Program Evaluation (3). Pr., graduate standing. The application of scientific research methods to administrative problems, including practical methods of gathering, analyzing and interpreting data. Includes theory and basic techniques underlying quantitative and qualitative analysis of public programs.

6110. Seminar in American Government (3). Pr., graduate standing. A systematic examination of functions, problems and issues within the political and constitutional framework of selected areas of American government.

6200. U.S. Foreign Policy (3). Pr., graduate standing. An examination of American diplomatic experience and foreign relations from the Revolution to the present.

6250. National Security and Domestic Policy (3). Pr., graduate standing. An analysis of concepts of national security, national interest, self-defense and self-determination and how these concepts are affected by domestic policy decisions.

6350. Area Studies (3). Pr., graduate standing. An in-depth analysis of the political environment, institutions and processes of government in a geographical area selected by the instructor. May be repeated with focus in another area.

6450. Comparative Government and Politics (3). Pr., graduate standing. An examination of the institutions, political processes, functions and problems of major contemporary political systems from a comparative perspective.

6550. Problems in Contemporary International Politics (3). Pr., graduate standing.

An in-depth analysis of current problems and conflicts in international relations, such as terrorism, globalization and the use of force.

6660. Democracy and Democratization (3). Pr., graduate standing.

The roots, development and major components of the democratic idea, the variety of modern democratic practice, as well as the spread of democracy in the modern world and its effects on international politics.

6670. Seminar in International Politics (3). Pr., graduate standing.

In-depth research on concepts and topics of international relations under the supervision of the instructor, with results presented in a seminar setting.

6850. Seminar in International Law and Organization (3). Pr., graduate standing.

A systematic analysis of international law and organizations and their relevance and effectiveness in resolving conflict among states.

■ **Board of Trustees**

Auburn University is governed by a board of trustees consisting of one member from each congressional district, as these districts were constituted on Jan. 1, 1961, one member from Lee County; three at-large members, all of whom shall be residents of the continental United States; and the governor, who is ex-officio. The governor is the president. Prior to 2003, trustees were appointed by the governor, by and with the consent of the state Senate, for a term of 12 years. Currently, new trustees are appointed by a committee, by and with the consent of the state Senate, for a term of seven years and may serve no more than two full seven-year terms. A member may continue to serve until a successor is confirmed, but in no case for more than one year after a completion of a term. Members of the board receive no compensation. Consistent with an executive order of the governor in 1971, a non-voting student representative selected by the student body serves as a member ex-officio.

Members of the Board

The Honorable Bob Riley, Governor of Alabama, President
(ex officio) Montgomery

Name	District	Home
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Term Ends 2015		
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Advisory Members

President, Student Government Association, Auburn University (ex officio)
 President, Student Government Association, Auburn Montgomery (ex officio)

■ Faculty Approved for Graduate Teaching

Name, Title and Degrees held	Year Began Work at AUM
Aaij, Michel, Assistant Professor of English M.A., Ph.D., University of Alabama	2006
Aga, Mosisa, Assistant Professor of Mathematics B.S., M.S., Addis Ababa University; M.A., Ph.D., Wayne State University	2006
Alexander, Jeri Jo, Professor of Education and Distinguished Teaching Professor B.A., Fort Lewis College; M.A., Northern Arizona University; Ph.D., University of New Mexico	1988
All, Anita, Professor and Director of Joint MSN Program B.S.N., University of Wyoming; M.S.N., University of Northern Colorado; Ph.D., University of Colorado	2006
Anderson, Nancy, Associate Professor of English B.A., Millsaps College; M.A., University of Virginia	1973
Ang, David S., Professor of Information Systems and Decision Science B.S., Ohio University; M.S., Ph.D., University of Alabama at Huntsville	1992
Arms-Chavez, Clarissa, Assistant Professor of Psychology B.S., Western Illinois University, M.A., Ph.D., University of Texas El-Paso	2009
Arnold, Edwin W., Professor of Management B.B.A., University of Wisconsin-Whitewater; M.B.A., University of Arkansas; Ph.D., University of Alabama	1989
Austin, Shelia, Associate Professor of Education B.S., M.S., Ed.D., University of Toledo	2008
Baine, Breuna K., Associate Professor of Fine Arts B.F.A., Savannah College of Art and Design; M.F.A., Auburn University	2005
Banning, Kevin C., Head, Department of Management and Associate Professor of Management B.S., Indiana University; Ph.D., University of Florida	1997
Bargel, Antoine, Assistant Professor of French Baccalaureat, Lycee Francais de Prague, Master de Langue et Litterature Francaises, Universite Lumiere-Lyon	2010
Bhuiyan, Serajul, Head, Department of Communication and Dramatic Arts and Professor of Communication M.S., Bangladesh Agricultural University; M.B.A., Texas A&M University-Texarkana; Ph.D. University of Wisconsin-Madison	2008

Bowden, Shelly J., Professor of Education and Distinguished Teaching Professor B.S., Morehead State University; M.S., Troy State University; Ph.D., Florida State University	1996
Brackett, Kimberly P., Head, Department of Sociology and Associate Professor of Sociology; Distinguished Teaching Professor B.S., Jacksonville University; M.A., Ph.D., University of Florida	1996
Brown, Jennifer, Dean, School of Education and Professor of Education B.S., Jacksonville State University; M.A., Ed.D., University of Alabama	1976
Brown, Scott, Associate Professor of Mathematics B.A., West Virginia University; M.A., Pepperdine University; M.Ed., Ph.D., Auburn University	2003
Bulman, Jan K., Associate Professor of History B.A., Oakland University; M.A., Ph.D., Michigan State University	2003
Burger, Michael, Dean, School of Liberal Arts and Associate Professor of History B.A., Michigan State University; M.A., Ph.D., University of California, Santa Barbara	2009
Buskist, Connie, Associate Professor of Education B.S., Brigham Young University; M.Ed., Ph.D., Auburn University	2005
Carpenter, Laura B., Professor of Education; Distinguished Teaching Professor B.A., Huntingdon College; M.S., Troy University; Ed.D., University of Alabama	1999
Clark, Joy, Associate Dean, School of Business and Professor of Economics B.S., M.S., Auburn University; Ph.D., Texas A&M University	1988
Cobb, Aaron, D., Assistant Professor of Philosophy B.A., Greenville College; M.A., Western Michigan University; Ph.D., Saint Louis University	2010
Davis-Maye, Denise, Associate Professor, Sociology B.A., Clark Atlanta University; M.S.W., Ph.D., University of Alabama	2009
Deal, Keren H., Associate Professor of Accounting B.S., M.B.A., Auburn University at Montgomery; Ph.D., Auburn University; C.P.A.	2000
Dennard, Linda F., Professor of Political Science and Public Administration B.A., University of Idaho; M.P.A., New Mexico State University; Ph.D., Virginia Polytechnic Institute and State University	2006
Djamba, Yanyi, Director, Center for Demographics and Cultural Research, and Associate Professor of Sociology B.S., Universite' de Kinshasa (D.R. Congo); M.A., Ph.D., Louisiana State University	2007

Dyal, Allen B., Professor of Education.....	1993
B.S., Appalachian State University; M.A., Western Carolina College; Ed.D., University of Tennessee	
Estes, II, N. Robert, Assistant Professor of Biology.....	2007
B.S., Auburn University at Montgomery; Ph.D., University of Alabama at Birmingham	
Esco, Michael R., Instructor of Education.....	2007
B.S., M.Ed., Auburn University at Montgomery; Ph.D., Auburn University	
Evans, Robert C., Professor of English and Philosophy.....	1982
B.A., University of Pittsburgh; Ph.D., Princeton University	
Farrow, Lee A., Associate Professor of History and Distinguished Teaching Professor.....	1999
B.A., University of New Orleans; M.A., Ph.D., Tulane University	
Faulk, Debbie R., Professor of Nursing and Distinguished Teaching Professor.....	1996
B.S.N., Auburn University at Montgomery; M.S.N., Troy University; C.R.N.P., University of Alabama at Birmingham; Ph.D., Auburn University	
Fitzsimmons, Michael P., Professor of History.....	1985
B.A., Belmont Abbey College; M.A., Ph.D., University of North Carolina	
Flynt, Samuel W., Associate Dean, School of Education and Professor of Education.....	1987
B.S., M.S., University of South Alabama; Ed.D., Auburn University	
Funches, Venessa, Assistant Professor of Marketing.....	2006
B.S.M., Tulane University; M.B.A., University of Alabama at Birmingham; Ph.D., University of Alabama	
Gehling, Robert, Associate Professor of Information Systems and Decision Science.....	2001
B.S., Austin Peay State University; M.B.A., University of North Florida; M.M.I.S., Ph.D., Auburn University	
Gerard, William Blake, Associate Professor of English.....	2002
B.A., M.A., Florida Atlantic University; Ph.D., University of Florida	
Giagnoni, Silvia, Assistant Professor of Communication and Dramatic Arts.....	2008
B.A., M.A., La Sapienza University; Ph.D., Florida Atlantic University	
Gilchrist, Michael R., Head, Department of Foundations and Secondary Education and Professor of Education.....	1991
B.S., Texas Christian University; M.Ed., Auburn University at Montgomery; Ed.D., Auburn University	
Gish, Steven D., Chair, Department of History and Professor of History.....	1997
B.A., Northwestern University; A.M., Ph.D., Stanford University	
Good, Jennifer, Director, Writing Across the Curriculum; Director, Office of Institutional Effectiveness and Associate Professor of Education.....	2009
B.A., William & Mary; M.A., George Washington University; Ph.D., Auburn University	

Gribben, Alan, Professor of English.....	1991
B.A., University of Kansas; M.A., University of Oregon; Ph.D., University of California at Berkeley	
Griffin, Thomas F., III, Professor of Information Systems and Decision Science.....	1992
B.S., M.B.A., Ph.D., University of Alabama	
Gross, Michael K., Instructor of Education.....	2007
B.S., M.Ed., Auburn University at Montgomery; Ph.D., Auburn University	
Haddix, Pryce L, "Pete", Associate Professor of Biology.....	2005
B.A., Transylvania University; Ph.D., University of Kentucky	
Hahn, TeWhan, Associate Professor of Finance.....	2006
B.S., M.S., Chonnam National University; M.B.A., University of Missouri; Ph.D., University of Alabama	
Hairstans, Andrew, Assistant Professor of Fine Arts.....	2006
B.A., Duncan of Jordanstone College of Art and Design, University of Dundee, Scotland; M.F.A., Southern Illinois University at Carbondale	
Hall, Rosine, Associate Dean, School of Science and Associate Professor of Biology.....	1996
B.A., Rice University; M.S., Yale University; Ph.D., Rice University	
Hard, Paul, Assistant Professor of Education.....	2007
B.S., University of Mobile; M.S., Ph.D., University of Alabama	
Harper, Bridgette D., Assistant Professor of Psychology.....	2006
B.A., M.A., Western Kentucky University; Ph.D., University of Texas at Dallas	
Hegji, Charles E., Professor of Economics.....	1985
B.S., M.S., University of Wisconsin; Ph.D., Washington University	
Heier, Jan Richard, Professor of Accounting and Finance.....	1986
B.S., M.B.A., University of Wisconsin; D.B.A., Mississippi State University; CPA	
Henderson, Timothy J., Professor of History.....	1996
B.A., M.A., University of Texas; Ph.D., University of North Carolina	
Hogan, Jan, Associate Professor of Education.....	2004
B.S., Sanford University; M.Ed., Troy University Montgomery; Ph.D., Auburn University	
Ingram, Rhea, Head, Department of Marketing and Associate Professor of Marketing.....	2008
B.S.B.A., M.B.A., Troy University; Ph.D., University of Kentucky	
Ioimo, Ralph E., Associate Professor of Justice and Public Safety.....	2000
B.A., California State Polytechnic University; M.S., California Lutheran University; D.P.A., Nova Southeastern University	
Jacobs, Fred A., Professor of Accounting and Lowder-Weil Chair.....	2007
B.A., University of North Carolina at Wilmington; M.B.A., East Carolina University; Ph.D., University of Georgia; C.P.A.	
Johnson, Kimberly, Assistant Professor of Management.....	2005
B.S., Tennessee State University; M.S., M.S., Auburn University	

Johnson, Raymond M., Professor of Finance.....	1970
B.S., M.B.A., University of Southern Mississippi; M.S., Ph.D., Oklahoma State University	
Jordan, Matthew C., Assistant Professor of Philosophy.....	2010
B.A., Ohio University, M.A., Biola University, Ph.D., Ohio State University	
Jourdan, Stephen Zack, Assistant Professor of Information Systems and Decision Sciences.....	2010
B.B.A., M.S.I.S., Mississippi State University; Ph.D., Auburn University	
Kakhnovets, Regina, Assistant Professor of Psychology.....	2009
B.A., University of Texas-Austin, M.A., Ph.D., Ohio State University	
Kalu, Kalu N., Professor of Political Science and Public Administration.....	2006
B.S., Rutgers University; M.B.A., Atlanta University; Ph.D., Texas Tech University	
Kamnkar, Judith, Professor of Accounting.....	1985
B.S., M.S.B.A., Northern Illinois University; Ph.D., University of Denver; CPA	
Kaufman, Alexander, Associate Professor of English.....	2006
B.S.E., Millersville University of Pennsylvania M.A., Ph.D., Purdue University of West Lafayette Indiana	
Kelly, Joyce, Assistant Professor of English.....	2009
B.A., Haverford College; M.A., Ph.D., University of Iowa	
Kiker, D. Scott, Associate Professor of Management.....	2002
B.S., University of South Carolina; Ph.D., University of Florida	
Kiker, Mary D., Associate Professor of Management.....	1999
B.S.B.A., M.B.A., Creighton University; Ph.D., University of Florida	
Klevay, Robert, Assistant Professor of English.....	2009
B.A., Hillsdale College; M.A., Ph.D., University of Delaware	
Krawczynski, Keith, Associate Professor of History.....	2000
B.A., University of Texas-San Antonio; M.A., Baylor University; Ph.D., University of South Carolina	
Lan, Yuxing "Simon", Assistant Professor of Economics.....	2007
B.A., South Central University for Nationalities, China; Ph.D., Southern Illinois University Carbondale	
Lange, David R., Professor of Finance.....	1990
B.S., Northern Kentucky University; M.A., D.B.A., University of Kentucky	
Lazenby, Ramona B., Associate Dean and Professor of Nursing.....	1989
B.S.N., C.R.N.P., University of Alabama at Birmingham; M.S.N., Troy University; Ed.D., Auburn University	
Leach, Maria Antonieta Lopez, Associate Professor of Accounting.....	2004
B.A., Mississippi State University for Women; M.P.A., D.B.A., Mississippi State University	
Lee, Kin Shun Enoch, Head, Department of Mathematics and Associate Professor of Mathematics.....	2005
B.S., Hong Kong Baptist University; M.S., Ph.D., University of Louisiana	

Lewis, Christine W., Associate Professor of Management.....	1988
B.A., J.D., University of Alabama	
Ligeon, Carel, Associate Professor of Economics.....	2001
B.A., University of Suriname; Ph.D., Auburn University	
Linna, Kenneth W., Associate Professor of Economics.....	1999
B.S.B.A., M.B.A., Auburn University at Montgomery; Ph.D., University of Alabama	
LoBello, Steven G., Professor of Psychology.....	1989
B.A., Christian Brothers College; M.S., Mississippi State University; Ph.D., University of Southern Mississippi	
Long, Pamela H., Associate Professor of French, Spanish and International Studies.....	2002
B.A., M.A., Auburn University; Ph.D., Tulane University	
Manning, Jackie B., Assistant Professor of Education.....	2005
B.S., Meredith College; M.Ed., North Carolina Agricultural and Technical State University; Ph.D., Virginia Polytechnic and State University	
Marcoux, Jon B., Assistant Professor of Anthropology.....	2011
B.A., Vanderbilt University; M.A., University of Alabama; Ph.D., University of North Carolina at Chapel Hill	
Martin, Richard H., Interim Head of Department and Associate Professor of Justice and Public Safety.....	2007
B.S., Lipscomb University; M.S., Ed.D., Indiana University	
Marudas, Nicholas P., Associate Professor of Accounting.....	2002
B.A., University of Maryland (UMBC); M.B.A., New York University; Ph.D., Georgia State University; CPA	
McCoy, Cindy, Associate Professor of Nursing.....	2010
B.S.N., M.S.N., M.S., Troy University; Ph.D., University of Alabama	
McDavis, Chaunda, Assistant Professor of English.....	2008
B.A., Paine College; M.A., Ph.D., Pennsylvania State University	
McKenzie, Nelya J., Associate Professor of Communication.....	1994
B.S., M.A., Auburn University; Ph.D., University of Florida	
Mehta, Sheila, Associate Professor of Psychology.....	1993
A.B., Brown University; M.A., Ph.D., University of Connecticut	
Mills, Lynne, Head, Department of Early Childhood, Elementary and Reading Education and Associate Professor of Education.....	1990
B.S., M.Ed., Ph.D., Auburn University	
Moore, Evan C., Head and Associate Professor of Economics.....	2002
B.S., Virginia Commonwealth University; M.A., Ph.D., Virginia Polytechnic Institute and State University	
Morris, Arlene H., Associate Professor of Nursing.....	1997
B.S.N., Harding University; M.S.N., Troy University; Ed.D., Auburn University	

Morton, Rhonda C., Head, Department of Counselor, Leadership and Special Education and Professor Education; Distinguished Teaching Professor.....	1991
B.S., M.Ed., College of Charleston; Ph.D., Florida State University	
Mullins, Larry C., Professor of Sociology and Distinguished Research Professor.....	1994
B.A., M.A., University of Alabama; Ph.D., Yale University	
Nathan, James A., Khaled bin Sultan Eminent Scholar in Political Science and International Policy.....	1991
A.B., Indiana University; M.A., Ph.D., Johns Hopkins University	
Newman, Joseph A., Associate Professor of Finance	2003
B.S., Indiana University; M.B.A., Ph.D., University of Tennessee	
Ochoa-Winemiller, Virginia, Assistant Professor of Geography.....	2010
B.A., Yucatan Autonomous University; M.A., Ph.D., Louisiana State University	
Ogburn, Amy, Associate Professor of Speech/Language Pathology and Audiology	2004
B.S., Auburn University; Ph.D., University of South Alabama	
Okeke, Benedict C., Associate Professor of Biology	2005
B.S., University of Nigeria; M.S., Ph.D., University of Strathclyde	
Olson, Michele Scharff, Professor of Education and Distinguished Research and Teaching Professor.....	1995
B.A., Huntingdon College; M.Ed., Ph.D., Auburn University	
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