



# UNDERGRADUATE CATALOG

AUBURN MONTGOMERY  
2012-2014



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 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, 2012. 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 at [www.aum.edu](http://www.aum.edu), the Office of Admissions and Recruiting and/or the dean's office. 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.

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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, master's, 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, Ga., 30033-4097, 404-679-4500 or [www.sacscoc.org](http://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](http://www.aum.edu).

## ■ Baccalaureate Degrees

### School of Business

Degree  
B.S.B.A.

#### Curriculum

##### Accounting

##### Business Economics

International Business Studies

##### Finance

##### General Business

##### Human Resource Management

##### Information Systems

Infrastructure

Applications

##### Management

##### Marketing

Hospitality and Tourism

### School of Education

Degree  
B.S./Education

#### Curriculum

##### Art Education (P-12)

##### Childhood Education (P-6)

##### Physical Education (P-12)

Exercise Science

Sport Leadership

Sport Management

##### Secondary Education (6-12)

Biology Education

English Language Arts Education

General Science Education



Social Science Education  
History Education  
Mathematics Education

**Special Education**

Early Childhood Special Education (B-8)  
Collaborative Teacher (K-6)/Elementary  
Education  
Collaborative Teacher (6-12)

**School of Liberal Arts**

**Degree**

B.A./Communication and  
Dramatic Arts

B.A./English  
B.A./Fine Arts

B.A./History

B.A./International Studies

B.A./Sociology

B.L.A.

**School of Nursing**

**Degree**

B.S.N.

(Must be admitted to upper division by the School of Nursing)

**Curriculum**

**Communication and Dramatic Arts**

Communication  
Speech-Language Pathology and Audiology  
Theatre

**English**

**Art**

Graphic Design  
Studio Art  
Visual Arts

**History**

Pre-Law

**International Studies**

Francophone Studies  
German Studies  
Hispanic Studies  
International Trade

**Sociology**

Anthropology  
Geographic Information Systems (Certificate)  
Geography  
Marriage and Family  
Pre-Social Work

**Bachelor of Liberal Arts**

Pre-Law

**Curriculum**

**Pre-Nursing**

**Nursing**

**School of Sciences****Degree**

B.S./Biology

**Curriculum****Biology**

Biology Health Sciences  
General Biology  
Cytotechnology (Certificate)  
Environmental Science  
Medical Laboratory Science  
Molecular Biology  
Public Health and Microbiology

B.S./Justice and Public Safety

**Justice and Public Safety**

Legal Studies  
Criminal Justice

B.S./Mathematics

**Mathematics**

Mathematics/Computer Science  
Mathematics/Economics  
Mathematics

B.S./Organizational Leadership

**Organizational Leadership**

B.S./Physical Science

**Physical Science**

General Physical Science  
Chemistry  
Forensic Sciences  
Health Sciences

B.S./Political Science

**Political Science**

General Political Science  
Pre-Law

B.S./Psychology

**Psychology**

## ■ Minors

Anthropology

Art History

Biology

Ceramics

Child Advocacy Studies

Criminal Justice/Corrections

Criminal Justice/Juvenile Justice

Criminal Justice/Law Enforcement

Criminal Justice/Security Administration

English Language and Literature

Fine Arts-Photography

French

Geographic Information Systems

Geography

Graphic Design (for art majors)

Graphic Design (for non-art majors)

History

International Studies

Legal Studies

Mathematics

Medieval Studies

Music

Organizational Leadership

Painting (for art majors)

Painting (for non-art majors)

Philosophy

Political Science

Printmaking (for art majors)

Printmaking (for non-art majors)

Psychology

Sculpture (for art majors)

Sculpture (for non-art majors)

Sociology

Spanish

Theatre

Writing and Editing

## ■ 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 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 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 Auburn University.
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 Ida Belle Young Library Tower. The library collection contains over 300,000 books, over 60,000 ebooks, and more than 70,000 full-text journals available in print and/or electronic format. The library provides Internet access to more than 120 databases covering all academic disciplines. The library also has extensive collections of documents and periodicals in electronic format and on microfilm, and a growing collection of manuscripts and archival materials. In addition, it maintains a collection of browsing materials consisting of bestseller and popular fiction items. The library is one of two regional federal documents depository libraries in Alabama, with more than 1.75 million publications dating from the mid-19th century to the present.

The library provides access to its holdings through its online catalog, and access to the catalogs of libraries within the state and throughout the world. For remote access to library collections, visit the library at [aumnicat.aum.edu](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](mailto:reference@aum.edu). The library faculty and staff also provide assistance in finding information, using online databases, and library equipment. The library provides news and updates through its blog at <http://aumnocat.aum.edu/weblog>.

Seating is available for more than 70 students including study tables and chairs, and comfortable soft seating. For quiet study there are individual study carrels located on floors three, four, and five of the tower. The library provides equipment to assist those with visual impairments, listening carrels and a combined computer lab/classroom that can seat 31 patrons. The library is also configured for wireless access and provides comfortable seating on the first floor, with access to a coffee bar.

The library is open 87 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.

## ■ 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 but appointments are encouraged; please call 334-244-3469 to schedule. The center is located in room 319 of the Taylor Center. Office hours are Monday through Friday 8 a.m. – 5 p.m. For after hours emergency care contact Campus Police at 334-244-3424.

Center Services include:

1. Individual counseling services by licensed professional counselor 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 skills in the area of educational enhancement.
4. Crisis intervention.
5. Consultation and referral services.

## ■ Learning Center and Instructional Support Lab

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 (ISL) 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 to classes, the library, the 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 and Residence Life Office or online.

AUM Housing also offers an exciting residence hall study program. Learning Comes First is specifically designed to help first-time freshmen make a successful transition to college by giving them a leg up academically and socially. Participants live together in North Commons, where they:

- Take the majority of classes together, creating a close, convenient study group.
- Receive a free laptop/netbook to use throughout their freshman year.
- Get tutoring in-house.
- Accrue points for awards and scholarships by attending programs on leadership, academics, athletic and cultural events.

Participation is free, but space is limited. To learn more about LCF, visit [www.aum.edu/LCF](http://www.aum.edu/LCF).

## ■ 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

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 all students to aid in making decisions regarding a career or college major. Upon request, job search seminars are given throughout the year to assist in writing resumes and cover letters, develop job interviewing skills and improve 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, up-to-date information covering preparation for the job search, resume writing, interviewing and negotiating the job offer are available. 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. Advantages for students participating in the 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 to help cover educational expenses. Students interested in co-op should complete an application form and establish a co-op file with the Career Development Center.

There is no charge for many of the services provided by the center. In addition, a list of full- and part-time jobs is available. For more information contact or visit the Career Development Center in the 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.

## **■ Scholarship and Stipend Award Policy**

AUM offers a variety of scholarship opportunities for entering freshman from Alabama high schools, Alabama community college transfers, active duty military dependents stationed in Alabama, and for those currently enrolled. Most scholarships require full-time attendance and are based on the applicant's academic or extracurricular record, while some are based on financial need. To ensure consideration for all scholarship opportunities, a student should complete a Free Application for Federal Student Aid (FAFSA) annually.

## **New AUM Students**

AUM offers excellent scholarship opportunities to students of high academic achievement. The scholarship programs listed below are available to new undergraduate students at AUM who have graduated from an Alabama high school, transferred from an Alabama community college, or are active duty military dependents stationed in Alabama. Minimum requirements for AUM scholarships include a 3.0 GPA, or B average in the core curriculum and a minimum ACT composite score of 23.

Generally, students transferring from a community college must have earned sophomore standing with an overall collegiate GPA of 3.5 or greater. Many scholarships are automatically renewable for up to four academic years (up to two years for community college transfers), provided the student maintains full-time enrollment each semester (12 undergraduate hours fall and spring semesters) and the student's overall GPA on all work attempted at AUM does not fall below a 3.0.

### **Application Procedures for New AUM Student Scholarships**

- Apply for admission to AUM.
- Request that official ACT or SAT scores be mailed to the AUM Office of Admissions and Recruiting, P.O. Box 244023, Montgomery, Ala., 36124.

- Request that an official high school transcript (or community college transcript) be mailed to the AUM Office of Admissions Processing. The transcript must show grades through the junior year (or most recent term for community college transfers).
- February 1 is the freshman scholarship priority deadline.

## **New AUM Student Scholarship Programs**

Academic Excellence Scholarships are offered to a limited number of new AUM students each year. For updated information, visit <http://www.aum.edu/admissions/financial-information> or call 334-244-3067. Minimum academic requirements for scholarship consideration are for students planning to enroll fall 2013 and are subject to change for enrollment in future terms. Tuition scholarships are based on current tuition and will automatically adjust if rates change. Scholarships available for the 2012-2013 academic year (subject to change) include:

### **Chancellor's Scholarship**

Awarded \$32,600 – tuition at in-state rate for four years (current annual value \$8,150) Requires minimum 27 ACT score (1220 SAT) and a minimum 3.0 high school grade-point average

### **Warhawk Scholarship**

Awarded \$12,000 – annual value \$3,000

Requires a minimum 23 ACT score (1070 SAT) and minimum GPA of 3.5

### **Achievement Scholarship**

Awarded \$8,000 – annual value \$2,000

Requires a minimum 23 ACT score (1070 SAT) and GPA of 3.0-3.49

### **Recognition Scholarship**

Awarded \$4,000 – annual value \$1,000

Requires a minimum 20 ACT score (950 SAT) and minimum GPA of 3.5

### **Valedictorian Scholarship**

Awarded \$8,000 Housing Stipend – annual value \$2,000

Eligible for combination with listed scholarships

Scholarships are also available for students in the University Honors Program. Call the Office of Admissions at 334-244-3615 for current information.

## **Continuing AUM Students**

AUM offers a limited number of merit scholarships to currently enrolled students. These scholarships are funded primarily through scholarship endowments maintained by the Office of Advancement and Alumni Services. Various departmental scholarships are also available. Visit [www.aum.edu/scholarships](http://www.aum.edu/scholarships) for a complete list

of these. 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 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, a student must complete the Merit Scholarship Application for Continuing Students found online at <http://www.aum.edu/admissions/financial-information/scholarships> between January 1 and March 1 each year.

## ■ 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 a student registers after this time, a billing statement will not be received. However, students are responsible for paying all charges 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 student's 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 or Web Pay 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 charges. Payments may be made via Web Pay at [www.aum.edu](http://www.aum.edu), by mail, or by direct delivery to the Cashier Office. Payments made by mail should allow for

delivery on or before the due date. Students may pay by cash, check or credit card (VISA, MasterCard, Discover or 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 a 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 Office of the Registrar.

## 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 and Post 9/11 Programs).

## Yellow Ribbon Program Agreement

AUM agrees to participate 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](http://www.aum.edu).

## **Registration Cancellation**

Student schedules for each term are subject to cancellation if charges are not paid by the specified date. The registration cancellation date is the fifth calendar day of the term. The specified dates for cancellation will be posted online at [www.aum.edu](http://www.aum.edu). It is the student's responsibility to be aware of these dates.

If a student receives financial aid (federal and state aid, scholarships, third party tuition payments, military assistance, PACT, etc.) for the semester at issue, the portion of the charge covered by financial aid will not be subject to cancellation. If partial financial aid is received, the student 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) in both instances is required. 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 (6 undergraduate hours) each term in order to qualify. All loans must be repaid.

The Federal Direct 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.

The Federal Direct 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 Federal Direct Parent Loan for Undergraduate Students (PLUS) allows the parents or adopted parents of a dependent student to borrow funds to meet the cost of education not met by other financial aid assistance. The repayment period on these loans begins 60 days after the loan is fully disbursed.

## **Grants**

A grant is gift aid that does not have to be repaid. Only undergraduate students pursuing their first undergraduate degree are eligible for grants. There are several types of grants available at AUM.

The Federal Pell Grant is an entitlement program based on financial need. The amount of the Pell Grant is determined by the results from the Free Application for Federal Student Aid (FAFSA). Pell Grants must be prorated for less than full-time enrollment.

The Federal Supplemental Educational Opportunity Grant (SEOG) is a grant program based on exceptional need and availability of funds. Generally, students must be eligible for a Federal Pell Grant, apply early and meet other eligibility requirements in order to be considered for these funds. Students must enroll at least half-time (6 hours) each term or eligibility for this grant will be lost and funds advanced must be repaid.

The Alabama Student Assistance Program (ASAP) is a state grant program based on state of Alabama residency, exceptional need, and availability of funds. Generally, students must be eligible for a Federal Pell Grant, apply early and meet other eligibility requirements in order to be considered for these funds. Students must enroll at least half-time (6 hours) each term or eligibility for this grant will be lost and funds advanced must be repaid.

**Federal College Work-Study**

The Federal College Work-Study Program provides students with part-time employment. Eligibility for this program is dependent on financial need and availability of funds. Students earn minimum wage and are paid bi-weekly for actual hours worked. Students are assigned work based on positions that are available and the need for student assistance. Students must agree to work the hours required by these positions. Work schedules and positions are determined each semester and are scheduled around the students' class schedules whenever possible.

**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. Failure to begin attendance in any course for which a student is registered will require a pro rata reduction in Pell Grant awards and possible cancellation of student loans and other aid.

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 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 from AUM (whether official or unofficial) will require a review of awards and the possible reduction or repayment of funds unearned by attendance. See the Return of Title IV Funds Policy in the catalog.

## Satisfactory Academic Progress Requirement for Federal Financial Aid Recipients

All students at Auburn University at Montgomery who receive federal financial aid must make satisfactory academic progress toward completion of their degrees within a reasonable period of time. AUM's standing committee on financial aid has approved the following standards defining satisfactory progress, in accordance with regulations issued by the U.S. Department of Education. Satisfactory Academic Progress status will be determined at the end of each semester.

**Undergraduate Students**

An undergraduate student is considered to be making satisfactory progress if he or she:

1. Is admitted and enrolled as a degree-seeking student;
2. Meets the required qualitative measure for financial aid recipients;
3. Maintains measurable progress toward the completion of the degree;
4. Completes degree requirements within a reasonable length of time.



### **Qualitative Measure**

In order to meet the required qualitative measure, students must maintain a minimum overall GPA of at least a 2.0 on a 4.0 scale at Auburn University at Montgomery. Transfer credit is not included in the GPA calculation.

### **Quantitative Measure**

In order to maintain measurable progress toward the completion of their degrees, students must successfully complete at least 67 percent of all credit hours attempted at Auburn University at Montgomery. Hours attempted include repeated courses, dropped courses, withdrawals, and incomplete courses.

- Example A: If you have attempted 32 credit hours and successfully completed 26 of those hours, dropped 3 hours and failed 3 hours, your completion rate will be 26 hours earned divided by 32 attempted = 81.2 percent completion rate. You meet the quantitative measure component of the SAP Policy.
- Example B: If you have attempted 32 credit hours and successfully completed 20 of those hours, and either dropped, failed, repeated, have an incomplete in, or withdrew from the other 12, your completion rate would be 20 divided by 32 = 62.5 percent completion rate. You do not meet the quantitative measure component of the SAP Policy, therefore, you are not eligible for financial aid assistance.

### **Reasonable Length of Time Measure**

At Auburn University at Montgomery, reasonable length of time for the completion of a degree program is defined as no more than 150 percent of the normal time required to complete a degree program. Course work that transfers will adjust the time frame accordingly.

- Example A: If your degree requires that you complete 120 credit hours, your reasonable length of time will be 120 hours X 150% = 180. You will be within the reasonable length of time measure during your first 180 hours of attempted course work.
- Example B: If your degree requires that you complete 120 credit hours and you have transferred in 54 hours, your reasonable length of time will be 180 hours - 54 transfer hours = 126 hours. You will be within the reasonable length of time measure during your first 126 hours of course work attempted at Auburn University at Montgomery.

### **Obtaining Second Bachelor's Degree**

A student who is working toward a degree level that he or she has already completed or exceeded (i.e., second bachelor's degree) will have his or her reasonable length of time established at no more than 100 percent of the normal length of the program minus any course work that transfers into the program.

- Example: If your new BS degree requires 120 credit hours and AUM allows 65 hours from your first degree to count toward your second degree, your reasonable length of time will be 120 credit hours - 65 from your first degree = 55. You will be within your reasonable length of time during your first 55 hours of course work attempted on your second degree.

### **Graduate Students**

Graduate students are considered to be making satisfactory progress if they comply with the academic regulations and time frames described in the AUM Graduate School Catalog and meet the above stated quantitative measure.

## **Reinstatement of Financial Aid Eligibility and Appeals Process**

A student failing to meet the SAP Policy requirements may regain financial aid eligibility for future terms once all components of the policy are again met.

### **Process for Appealing Suspension of Financial Aid**

A student not meeting SAP Policy requirements has the option of appealing the suspension of financial aid or requesting to be placed in warning status. It is the responsibility of the student to initiate any appeal or request for warning status. Academic reinstatement by the Office of the Registrar or the Office of Admissions does not constitute reinstatement of federal aid eligibility.

### **Appeal Process**

If extenuating circumstances are involved, the student may submit an appeal letter. Appeals are reviewed based on documentable extenuating circumstances impacting academic performance. Extenuating circumstances are considered to be past events that are no longer barriers to academic progress that were beyond the student's control. Appeals received without the inclusion of extenuating circumstances, and what has changed will automatically be denied. Circumstances related to the typical adjustment to college life are not considered as extenuating for purposes of appealing suspension of financial aid.

To submit an appeal, the student must document the extenuating or special circumstance(s), and indicate what has changed that will allow the student to meet the conditions by the next evaluation. Follow the instructions below to appeal:

1. Draft a letter of appeal to the Senior Director of Financial Aid requesting reinstatement. The letter must:
  - Explain the reason(s) why satisfactory progress is not being made. Be specific.
  - Provide documentation that supports the rationale for the appeal (i.e., medical documentation, death certificate, etc.).
  - Indicate what has changed that will allow the conditions to be met by the next evaluation.

2. Submit the letter of appeal to the Financial Aid Office with the supporting documentation mentioned above.

Appeals are reviewed and processed on a case-by-case basis, and the result of the appeal may lead to a denial. All decisions are final. An email notification will be sent to the student's AUM email address to inform the student of the decision.

### **Probationary Status**

A student approved after review of their written appeal will be placed in probationary status, and will be allowed to receive financial aid for one semester. The student will be provided with academic requirements that must be attained during the semester in which the approval is granted. If the requirements for the semester are met, the student may submit another appeal for the following semester. Failure to meet the conditions outlined will result in a loss of continued aid eligibility, and an automatic denial on all future appeals for reinstatement.

### **Warning Status**

A student failing to meet the qualitative measure or the quantitative measure component of the SAP Policy for the first time may request to be placed in warning status by completing the Warning Status Request Form. A written appeal is not necessary to request this status. A student approved to be placed in warning status is eligible to receive financial aid for one semester. The student must meet all requirements of the SAP Policy after the approved semester to regain financial aid eligibility. A student denied warning status may follow the appeal process above if extenuating circumstances are involved.

### **Return of Title IV Funds Policy**

The Return of Title IV Funds policy applies to all federal financial aid programs, including Pell Grants, Supplemental Educational Opportunity 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 "un-earned" 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 none of the 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 of 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 who plan to attend school and expect to receive G.I. Bill benefits should visit the Manager of Veterans 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. Undergraduate students receive full-time benefits if enrolled for at least 12 credit hours, three-quarter time benefits for 9-11 hours and half benefits for at least six hours for a standard 15-week term. Post 9/11 recipients will not receive a monthly stipend if their level of enrollment is half-time or less.

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 term.

For complete information about these programs, please contact the Manager 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 Manager of Veteran 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 the AUM 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 advisor.
- 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 (D 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. This measure generally becomes effective when the student has attempted 24 hours at AUM. Students not making satisfactory academic progress as stated above will be subject to having their VA benefits terminated.

## 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/recertified 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. Check each semester with the AUM Manager of Veterans 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 must be reported to the AUM Manager of Veterans Affairs. These changes include: dropping or adding courses, dropping out of school and renewing enrollment, change in VA Chapter, change in major or degree, change in grades, change in transfer credit, or change in attendance.

For further information about veterans benefits, visit our financial aid website at [www.aum.edu/financial-information](http://www.aum.edu/financial-information).

# ■ Admission Policies and Procedures

## Application

Auburn Montgomery encourages online application for admission at [www.aum.edu](http://www.aum.edu). Paper applications should be mailed to the Office of Admissions and Recruiting, Auburn University at Montgomery, P.O. Box 244023, Montgomery, Ala., 36124-4023.

Students may apply for admission prior to the start of any semester. Credentials should be filed at the earliest possible time. In every case, complete admission credentials must be filed at least three weeks prior to the opening of the semester in which admission is desired. In submitting admission credentials, applicants must give complete and accurate information. False or misleading statements can result in denial of admission or cancellation of the student's registration.

Commensurate with available faculty and facilities, favorable consideration for admission will be given to secondary school graduates who hold either a standard or advanced diploma or the equivalent and whose college ability test scores and high school grades indicate a potential for success in fields of study in which enrollment is sought. All students planning to apply for admission should emphasize English, mathematics, social studies, sciences and foreign languages in their high school programs.

Prospective students must submit the following items for consideration:

**First-Time Freshmen**

1. Complete the Undergraduate Application for Admission online.
2. Have official high school transcript sent directly to the AUM Office of Admissions and Recruiting from the high school via the U.S. Postal System or a GED report sent directly to AUM via the U.S. Postal System.
3. An official ACT or SAT score report sent directly to the AUM Office of Admissions and Recruiting via the U.S. Postal System for applicants who graduated from high school less than three years prior to initial enrollment or for GED applicants who seek full admission.

**Transfer Students**

1. Complete the Undergraduate Application for Admission online.
2. Have official academic transcripts from all colleges or universities previously attended sent to AUM. These transcripts must be received directly by the Office of Admission and Recruiting from other institutions attended via the U.S. Postal System to be considered official.

The AUM admissions staff will review all documents and notify applicants of the university's decision. In accordance with academic standards established by the university, students may be admitted in different categories based upon their academic evaluation. Specific academic programs might have additional requirements for admission, including additional testing.

## Full Admission

### First-Time Freshmen

1. Applicants who graduated from high school less than three years prior to initial enrollment at AUM must have a minimum ACT composite score of 18 (SAT score of 860) to be considered for full admission. A combination of ACT/SAT scores and GPA will be used to determine admission. A minimum ACT composite score of 18 (SAT score of 860) would require a GPA of no less than 2.3 for full admission.
2. Applicants who graduated from high school more than three years prior to initial enrollment at AUM do not have to submit ACT or SAT scores and may gain full admission with a GPA of not less than 2.3.
3. Applicants with a GED whose high school class graduated within the three years prior to initial enrollment at AUM must have a minimum ACT composite score of 18 (SAT score of 860) to be considered for full admission. A combination of ACT/SAT scores and GED score will be used to determine admission. A minimum ACT composite score of 18 (SAT score of 860) would require a GED composite score of not less than 500 for full admission.
4. Applicants with a GED whose high school class graduated more than three years prior to initial enrollment may gain full admission with a GED composite score of 500.
5. Admission credentials must be filed at least three weeks prior to the first day of class for the semester in which admission is desired.

## Transfer Students

To gain admission, transfer students must have completed 24 or more hours of college level credit at a regionally accredited institution(s) with at least a 2.0 on all GPA hours (all graded hours) from all universities attended.

The student must be in good standing (eligible to return) at the last institution attended and will need to verify that standing to the AUM Admissions Office with official notification from the previous institution's registrar's office

## Provisional Admission

Applicants who do not meet requirements for full admission may be granted provisional acceptance. A limited number of applicants will be invited to enroll in the provisional program. Students considered for provisional acceptance will be:

### First-Time Freshmen

1. Applicants from high school with an ACT composite score of no less than 18 (SAT score of 860) whose combination of test scores and GPA or test scores and GED composite score does not equal the AUM admission decision level may be granted provisional admission.

2. Applicants who graduated from high school more than three years prior to initial enrollment at AUM whose GPA is less than 2.3 may be granted provisional admission.
3. Applicants who have completed GED requirements and whose high school class graduated more than three years prior to initial enrollment at AUM may be granted provisional admission with a composite GED score below 500.

Complete admission credentials must be filed at least three weeks prior to the first day of class for the semester in which admission is desired.

All provisional students must sign a contract in order to complete the admission process. The contract restricts students from utilizing AUM's grade forgiveness policy and from taking courses as transient/cross enrollment students at other institutions (ROTC cross enrollment at Alabama State University is an exception) until they obtain full admission. Additional contract requirements do apply.

## **Proof of Immunization**

Effective Fall 2012, Auburn Montgomery will require all incoming students born after January 1, 1957 to provide documentation of proof of immunity to rubeola (measles), rubella and mumps by laboratory immunity or evidence of two injections of the Measles, Mumps and Rubella (MMR )vaccine.

Students are also required to submit documentation of a diphtheria, tetanus toxoid and pertussis (TDaP) booster that must not be longer than five years since administration upon entering and through completion of their studies at AUM. Finally, students will submit documentation of either a negative Mantoux tuberculosis skin test or a chest x-ray performed within the 6 months prior to their admission to AUM.

For questions, please contact Student Health Services at 334-244-3281.

## **Orientation Requirement**

All new students admitted to AUM with the classification of freshman (full or provisional) must attend new student orientation. A mandatory orientation fee will be automatically added to each student's university account. Specific information regarding orientation will be provided upon admission to the university.

## **Exceptional Student Admission**

When an applicant does not meet the established admissions criteria for freshmen but has demonstrated potential for successful college work, he or she may be eligible to be evaluated for admission by the Exceptional Student Admissions Committee. This committee consists of a representative from the Office of the Provost, the university registrar, the director of admissions and two faculty representatives from the student's prospective area of study. The committee's review of the applicant's academic eligibility will include but not necessarily be limited to standardized tests



and past classroom performance. Prospective applicants may be required to be interviewed by the committee.

## **Early Admission/Dual Enrollment**

A student who has completed the sophomore year of high school may apply for early admission in order to take classes and earn college credit while still in high school. Students who seek early admission must submit the documents required for first-time freshman applicants and be recommended by a high school counselor, principal or teacher. Early admission requires a minimum high school GPA of 3.0 and a minimum ACT composite score of 20 (SAT score of 950), an English score of 18. To enroll in upper level math requires a score of 20.

## **Transient Students**

### **AUM Students**

A student in good standing may, with written permission of the department head of his or her major and of the dean of the school in which he or she is majoring, qualify to enroll as a transient student to another institution for one term. If the student does not receive this written permission prior to going to another school as a transient, course(s) taken will not transfer back to AUM. A student who is not in good academic standing is not authorized to go to another school in transient status. The provisional classification does not constitute good standing. Students who earned a D or F in a freshman composition class at AUM or an F in a core math class will not be permitted to transfer those courses from another school to offset the AUM grade. Immediately upon completion of the transient course, the student must request an official transcript be sent to the AUM Office of the Registrar.

### **Students from Other Colleges or Universities**

A student in good standing at an accredited college or university may be allowed to take AUM courses as a transient student when available faculty and facilities permit. To be eligible, an applicant must submit a Transient Authorization Form properly completed and signed by the dean and/or registrar of the college or university in which the student is currently enrolled. It is the student's responsibility to contact the necessary individuals at his or her current institution regarding the transferability of course work taken at AUM. It is also the responsibility of the transient student to request the course grade be transferred to the current institution.

Permission to enroll in courses on a transient basis is granted for one semester only and a student seeking re-entry in the transient classification must submit transient student forms for any additional semesters. It should also be understood that transient student permission does not constitute admission or formal matriculation as a regularly enrolled student; that courses taken and credit hours earned in a transient student classification do not meet residency requirements should the student subsequently decide to transfer to AUM; and that a transient student is subject to the same fees and regulations as a regular student except for standards applied for academic continuation.

It is the responsibility of the transient student to ensure he or she has met all prerequisites for the courses in which he or she wishes to enroll. If at any time a transient student desires admission as a regular student at AUM, a formal application as a transfer student must be made (see previous information regarding admission).

## **Second Bachelor's Degree Applicants**

Students who wish to pursue a second (or subsequent) bachelor's degree must submit the same admission credentials as transfer applicants. Residency requirements for the awarding of an additional bachelor's degree begin with enrollment after admission in this classification.

Students who were awarded an initial bachelor's degree at AUM and wish to pursue a second degree at AUM must notify the Office of Admissions and Recruiting prior to beginning work on the second degree.

## **Unclassified Students**

Admission as an unclassified student may be granted on the basis of a bachelor's (or higher) degree from an accredited institution. Students wishing to enroll in this classification must submit the same admission credentials as transfer applicants. A degree cannot be granted to students in the unclassified status.

## **Audit Students**

A student may be allowed to audit a lecture course or the lecture portion of a combined lecture/laboratory course only with the approval of the instructor, department head and dean of the school in which the course is offered and when available faculty and facilities permit.

## **Senior Guest Program**

Senior adults, age 60 and over, have the opportunity to enroll in many regular college courses as guests of the university. Offered through the AUM Office of the Registrar, this special program allows enrollment at no cost on a space-available basis. Science lab classes, studio courses in fine arts and computer classes are not available in this program. Senior guests will not receive credit, will not normally take tests and will not be required to complete assignments. The level of participation is agreed upon by the senior guest and the instructor.

Senior college represents a unique opportunity to pursue learning for its own sake. The university welcomes senior guests as members of the university community, where their ideas, insights and inspiration contribute to lifelong learning.

## **Graduate Course Work (Senior Privilege)**

An AUM undergraduate who is within 6 semester hours of graduation may register for graduate courses during his or her last semester in school. If the student is accepted into one of the graduate programs upon graduation, such work taken as an undergraduate may be applied to the graduate program. This work must be accepted by the school in which the graduate program is offered. Graduate work taken by an undergraduate student is not to be applied to the baccalaureate degree. Permission from the undergraduate advisor is required for this privilege.

## Seamless Admission

Seamless Admission provides an alternative admission route for new first-time freshmen with their hearts set on attending Auburn University, but who have had their admission deferred. The program is a competitive academic-enhancement program designed to help prepare students for success at Auburn University. Seamless Admission students are officially Auburn Montgomery students and have the option to take core classes on the Auburn campus (if eligible) or the Montgomery campus. For more information call 334-244-3395 or visit [www.aum.edu/seamless](http://www.aum.edu/seamless).

## Admission of International Students

AUM welcomes admission inquiries from international students. If an international student wishes to apply for admission to an undergraduate 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, the student must be “in status” according to U.S. immigration regulations before AUM can process the application.

The following documents are required for evaluation (those students requiring the issuance of an I-20/F-1 visa have additional requirements identified below):

1. Completed online International Undergraduate Application for Admission; and
2. Official transcripts from all schools previously attended (high school and college).

These transcripts, if not in English, must be translated into English by an official translation service. (Submit course content descriptions of any courses for which you wish to receive transfer credit); and

3. Evaluation by a recognized, expert service or qualified AUM individual(s) in the field of foreign credential evaluations and international admissions as follows:
  - a. For first-time freshmen: A document-by-document evaluation that the foreign credential is equivalent to a U.S. secondary school diploma and indicates a minimum 2.3 grade-point average on a 4.0 scale.
  - b. For transfer students: A course-by-course evaluation of academic credentials that indicates a minimum GPA of 2.0 on a 4.0 scale. Please contact the Office of International Affairs for a list of approved credential evaluators. Exceptions:
    - i. Students enrolling in programs that are included in a contract between AUM and a foreign government/institution and/or U.S. military organization.
    - ii. International transfer students who have 24 semester hours of college level work from an accredited U.S. college or university and no transfer credit from outside the U.S. and who meet AUM’s transfer admission eligibility requirements.
4. Satisfactory completion of any one of the following as evidence of English proficiency:

- 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) or 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 (IETLS). The minimum acceptable score for admission is 5.0. IETLS 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. The Scholastic Aptitude Test (SAT). The minimum acceptable score for admission is a composite score of 860 (Critical Reading and Mathematics only) with a minimum sub-score of 450 on the Critical Reading section.
- e. The American College Testing Program (ACT). The minimum acceptable score for admission is a composite score of 18 with a minimum sub-score of 18 on the English section.
- f. 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.
- g. Completion of ELS Language Centers' Level 112 Intensive English Program.
- h. 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/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/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. (NOTE: Any student who does not take the SAT or ACT will be required to take the AUM mathematics placement test. Any student

who does take the SAT or ACT but does not score at least 510 on the SAT Mathematics section or 20 on the ACT Mathematics section will be required to take the AUM mathematics placement test upon arrival on campus.)

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 U.S. secondary diploma or have satisfactorily completed the equivalent of AUM English composition requirements at an accredited U.S. college or university.
  - c. 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, 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, Mauritius, Malta, 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.
  - 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 h.
5. 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: <http://ce.aum.edu/continuing-education/english-as-a-second-language>.

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

International undergraduate 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. Health and Repatriation Insurance. All Auburn University at Montgomery foreign national students (F-1/J-1 visas) and their dependents (F-2 and J-2 visas) are required to participate in the AUM Group Health Insurance Plan. As part of the university's continuing commitment to facilitating our international students' transition to pursuing their studies at AUM, the cost of the health insurance plan will be paid by the University for F-1 student visa holders enrolled in an AUM academic program. We remain committed to the health, welfare and safety of our international students. The cost of insurance plans for J-1 students, their family members (J-2 visa holders) and family members of F-1 students (F-2 visa holders), however, remains the responsibility of the F-1/J-1 visa holder, as appropriate.

## **Admission Process**

1. All documentation for issuance of I-20s and/or admission must be received in the AUM Office of International Affairs 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, he or she will be sent an acceptance notice and an I-20 (if appropriate). (Note: F-1 international students may not be granted provisional admission.) Students who receive the I-20 should complete the student section of the form and present it to an American consulate in their country.
3. Students transferring from a U.S. college or university or wishing to change their course of study at AUM (including attaining a second or higher degree) must be issued a new I-20.

## **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**

A student issued an I-20 may accept employment at AUM without prior approval from the U.S. Immigration Service as soon as he/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 a non-resident tuition fee.

An Alabama student is a person who is a citizen of the United States or a resident alien and 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" means a person applying for admission to the institution if the applicant is married or 19 years of age and financially independent. Otherwise, it means his or her parents, parent 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 non-resident 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 will generally 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.

Note: Students in F-1 visa status will not be granted Alabama residency fees unless they have an athletic scholarship or graduate assistantship. Due to the very nature of the F-1 visa, students are at AUM for the sole purpose of gaining an education. Individuals married to a U.S. citizen, but who are not themselves naturalized citizens or resident aliens, shall not be eligible for in-state tuition under any of the provisions listed in this policy.)

### **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. Non-resident undergraduate students who have been awarded full academic, athletic 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, their spouses and dependent children.
4. Spouse and dependent children of a non-resident, 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. Non-resident students enrolled in programs included in the Southern Regional Education Board Academic Common Market, provided the student does not change to another program not included. In such cases of change, the student will be classified as a non-resident 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 that 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 that 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 they have established permanent domicile in Alabama. The burden of proof of change in eligibility rests on those requesting change. Evidence relevant to an initial determination of eligibility is also relevant to establishing a change in eligibility.

Non-resident students who carry a full academic load considered normal (12 or more hours per term) for students at AUM will be presumed to be in 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 change in eligibility. 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 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 Alabama and continuous occupation thereof on an extended term of not less than 12 consecutive months.
2. Full-time permanent employment in Alabama.
3. Possession 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 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 Alabama for 12 consecutive months prior to making application for residency change.

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

## ■ 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), is responsible for coordinating compliance with the disability provisions. The dean of students is responsible for coordinating compliance with all other non-discrimination provisions. AUM has adopted grievance procedures providing for the prompt and equitable resolution of complaints. Students and applicants for admission 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 students with disabilities 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. Such 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.

## 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 victims of discrimination or harassment should report the incidents to the Dean of Students at 334-244-3620.

## 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, 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, 334-244-3960, 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, 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.

## 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 AUM student handbook.

## 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 that identifies the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are 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 student's education records that the student believes are inaccurate, misleading or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the university to amend a record should write to the university official responsible for the record, clearly identify the part of the record the student wants changed and specify why it should be changed. If the university decides not to amend the record as requested, the university 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. One exception, which permits disclosure without consent, is the disclosure 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 educational 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 Office of the Registrar 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 or all 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 information 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 name and address of 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**

AUM's Student Health Services clinic is available for students seeking treatment for minor medical problems. Preventive services are also offered. Clinic is located in 102 Moore Hall, 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 Clinic 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. Those students who are not covered under an insurance program are encouraged to participate in the voluntary low-cost student health insurance program available to enrolled AUM students. Additional information can be obtained from the Office of Student Affairs, 334-244-3620. TDD users may call 334-244-3801. Note: At this time, Student Health Services is only able to accept cash or checks as forms of payment.

### **Office of Student Affairs**

Within the Office of Student Affairs you will find student involvement and leadership, counseling services, services for students with disabilities, career development resources, Greek life, a learning center, student accountability and advocacy, over 60 organizations, and much more. The office of the Dean of Student Affairs is located in the Taylor Center Room 157 and the phone number is 334-244-3620. Please call for more information.

## Office of Student Involvement and Leadership Programs

The Office of Student Involvement and Leadership provides leadership and coordination for co-curricular programs on campus to enhance and complement the academic experience. These programs include the Student Government Association, Campus Activities Board, fraternities and sororities, registration of student organizations, service to the community and event authorization. Students wishing to receive information about campus life or establishing a new student organization should call 334-244-3279.

## 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. It 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 SGA can be found on the SGA webpage on the AUM website or by contacting the SGA Office at 334-244-3829.

## Athletics

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

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

While the NAIA has established base conditions for students to compete in intercollegiate sports, each institution has to fit these into its mission and academic standards.

When students are admitted under "provisional" status, they may participate in intercollegiate sports under the following conditions:

1. They must fulfill the obligations outlined in the contract all students sign upon enrollment.
2. They will receive advising from the Office of Advising and Academic Enhancement on course selection until they have met the requirements for

- full admission to the university.
3. As a provisional student, each athlete must take no more than four courses (12 or 13 credit hours). This will not include a varsity sport course. In a course where grades are assigned, a minimum of C must be earned. According to the NAIA, freshmen must pass at least 9 credit hours in their first term of attendance in order to be eligible to play the next term.
  4. In the second term of attendance, provisional students will be allowed to enroll in 12 or 13 credit hours and must maintain an overall GPA of 2.0 in courses with grades. The student is expected to pass all non-graded courses. This will not include a varsity sport course.
  5. Upon matriculating to full admission status, the student athlete will comply with all AUM rules for continued enrollment and all NAIA rules for athletic competition.

## **Intramural Programs**

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 or visit [www.aum.edu/intramurals](http://www.aum.edu/intramurals).

## **Auburn Montgomery Alumni Association**

The Auburn Montgomery Alumni Association was established in 1979. When you join, 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 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



Services.

- 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.
- Opportunity to join the Wellness Center
- The opportunity to carry Bank of America's Auburn Montgomery Affinity credit card, which generates funds for association programs.

For further information regarding the alumni association, call the Office of Advancement, 334-244-3369, email them at [alumni@aum.edu](mailto:alumni@aum.edu) or visit [www.aum.edu/alumni](http://www.aum.edu/alumni).

## ■ Student E-mail Policy

At Auburn Montgomery, e-mail is considered an 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](mailto:username@aum.edu) and can be accessed via the AUM website.

## ■ University Academic Regulations and Procedures

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.

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. Specific academic programs might have additional requirements for admission; this could include additional testing. 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 the student's first registration at the university and in consideration of the student's valid admission to a program unless:

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

- tration 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 either the program requirements 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 a schedule adjustment, 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 deficiency, 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 a student by units such as the Provost Office, Admissions, Bookstore, Cashier, Financial Aid, Housing, Library, Registrar or Campus Police.

## **Discipline**

Each student, by act of registration, agrees to conform to all rules and regulations of the university. Students are expected to conduct themselves as good citizens by obeying the laws of the United States, the State of Alabama, the City of Montgomery and the university. Enrollment as a student in no way exempts any person from penalty in case of violation of local, state or national laws. The Student Code of Conduct can be found in the AUM student handbook.

## **Academic Honesty Code**

Students are expected to maintain academic honesty and integrity in all work pursued at AUM. Students should not condone violations of academic honesty and should act in a manner to prevent opportunities for violations. Violations of the Academic Honesty Code are defined as:

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 reevaluation 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 AUM student handbook under the title "Academic Honesty Code."

## ■ Writing Across the Curriculum

The AUM Writing Across the Curriculum (WAC) program seeks to improve the quality of student writing campus-wide by incorporating writing-intensive instruction into all undergraduate students' required programs of study.

All undergraduate students will be required to complete a total of five writing intensive (WI) courses in order to graduate. Transcripts will be checked to ensure that

all undergraduate students have met the minimal five course WAC requirements prior to graduation.

The first two required courses, which teach basic English language conventions, are the composition series, English 1010 and 1020. These classes can be taken at AUM or credit can be transferred from another institution. The third course introduces students to writing for a specific content area. Students can select from a “Writing in the Professions” course, required of many of the academic programs, or a course from the core curriculum. Students select the final two courses from program requirements specific to their majors. These courses prepare students to understand and master the writing expectations of their discipline.

The writing-intensive courses will carry a special designation and be listed on the WAC website ([www.aum.edu/writing](http://www.aum.edu/writing)) to assist students and advisors in planning. WAC-approved writing-intensive courses will be labeled in the section field of Banner as WI1, WI2, WI3, etc. Students can explore any sections that have WI labels for one of the three remaining writing-intensive graduation requirements.

In addition, WAC-approved courses will have a WI label with the course title. Students and advisors can do quick and easy checks to locate the three content-area WAC requirements by finding the WI label in front of courses on student transcripts.

The WAC program provides focused instruction to improve students’ writing skills throughout their academic careers, culminating in writing proficiency specific to their selected future careers.

For more information on the WAC program, please visit the following website: [www.aum.edu/writing](http://www.aum.edu/writing).

## ■ AUM Core Curriculum

The university’s undergraduate instructional program requires that each student complete a component of general studies in addition to the requirements of his or her school or departmental major. This general studies component as defined by the State Articulation and General Studies Committee includes course work in English composition, literature, history, sciences, fine arts, social sciences and mathematics to be taken during the lower-division years, primarily at the freshman level.

The following competencies are accentuated in the core curriculum:

1. Critical thinking: Includes understanding scientific methodologies, analysis, synthesis, evaluation, decision-making and problem solving.
2. Communication skills: Emphasize reading, writing, active listening, and public speaking.
3. Interpersonal skills: Lead to effective teamwork, ethical consciousness, conflict resolution, and workplace skills.

- 4. Information management: Involves collecting and analyzing data from a variety of sources.
- 5. Technology: Includes computer literacy, Internet skills, and retrieving and managing information.
- 6. Community: Stresses our interdependence as global citizens combined with understanding the history, culture, diversity, and commonality of life’s experiences.
- 7. Aesthetics: Develop the knowledge and appreciation of the literary, fine and performing arts.
- 8. Lifelong learning: Encourages the pursuit of inquiry.

The minimum university requirements for all students are listed below; however, individual schools and departments may increase the number of hours in this component of their undergraduate programs. Students should consult their academic advisors regarding specific courses in the AUM Core Curriculum that are required for their programs of study. All students who have completed a minimum of 55 hours but who have not fulfilled all AUM Core Curriculum requirements must, in all terms of attendance, schedule a minimum of one course designated in these requirements until they have completed all requirements. Deans must approve any requests for exceptions.

AUM Core Curriculum Requirements	Semester Hours
Area I. Written Composition (ENGL 1010 and ENGL 1020) <sup>1</sup> .....	6
Area II. Humanities and Fine Arts.....	12
Literature <sup>2</sup> - minimum of 3 semester hours	
Fine Arts <sup>3</sup> - minimum of 3 semester hours	
Humanities and Fine Arts Elective(s)	
Area III. Natural Sciences and Mathematics.....	11
Natural Sciences <sup>4</sup> - minimum of 8 semester hours	
Mathematics <sup>5</sup> - minimum of 3 semester hours	
Area IV. History, Social Sciences and Behavioral Sciences.....	12
History <sup>6</sup> - minimum of 3 semester hours	
History, Social Science and Behavioral Science Electives	
Area V. Determined by Major and Degree Requirements <sup>7</sup> .....	23

<sup>1</sup> A grade of C or better must be earned in each class. No student earning a grade of D or F in a first-year English composition course at AUM will be permitted to transfer credit from another school to offset that lower grade; the course must be repeated in residence at AUM.

<sup>2</sup> One mandatory literature course. Students must complete a 6-semester hour sequence either in literature or in history. If two literature courses are taken in a sequence, then only one history course is required. (Minimum of 12 semester hours required in Area II.)

<sup>3</sup> One mandatory fine arts course selected from the following: Art Appreciation or Art History, Music Appreciation or Music History, Theatre Appreciation or Theatre History.

<sup>4</sup> Each course must include a lab.

<sup>5</sup> MATH 1100, MATH 1150, MATH 1610, MATH 1620, MATH 2630 or MATH 2660. No student earning a grade of F in a core mathematics course at AUM will be permitted to transfer core mathematics credit from another school to fulfill the core mathematics requirement; under such circumstances the mathematics core requirement must be completed at AUM.

<sup>6</sup> One mandatory history course. Students must complete a 6-semester hour sequence either in literature or in history. If two history courses are taken in a sequence, then only one literature course is required. (Minimum of 12 semester hours required in Area IV.)

<sup>7</sup> Computer literacy: one semester hour minimum or by challenge, handled in the major.

## AUM Core Courses

The State Articulation General Studies Committee has approved the following list of courses. The courses can be used to fulfill the AUM Core Curriculum requirements. Students should check with their advisor for other courses that may have been approved after the publication date of this catalog.

Courses	Semester Hours
<b>Area I. Written Composition</b>	
ENGL 1010 English Composition I .....	3
ENGL 1017 English Composition I, Honors .....	3
ENGL 1020 English Composition II .....	3
ENGL 1027 English Composition II, Honors .....	3
<b>Area II. Humanities and Fine Arts</b>	
COMM 1010 Introduction to Human Communication .....	3
COMM 2212 Public Speaking .....	3
ENGL 2530 Survey of English Literature I .....	3
ENGL 2540 Survey of English Literature II .....	3
ENGL 2570 Survey of American Literature I .....	3
ENGL 2580 Survey of American Literature II .....	3
ENGL 2600 Survey of Literature of the Western World I .....	3
ENGL 2610 Survey of Literature of the Western World II .....	3
FREN 1010 Beginning French I .....	4
FREN 1020 Beginning French II .....	4
FREN 2010 Intermediate French I/Lab .....	4
FREN 2020 Intermediate French II/Lab .....	4
GERM 1010 Beginning German I .....	4
GERM 1020 Beginning German II .....	4
GERM 2010 Intermediate German I/Lab .....	4
GERM 2020 Intermediate German II/Lab .....	4
INTL 2600 Survey of Literature of the Western World I .....	3
INTL 2610 Survey of Literature of the Western World II .....	3
MUSI 2110 Music Appreciation <sup>1</sup> .....	3
PHIL 2000 Reasoning and Critical Thinking .....	3

PHIL 2010 Introduction to Philosophy..... 3

PHIL 2100 Applied Ethics ..... 3

SPAN 1010 Beginning Spanish I ..... 4

SPAN 1020 Beginning Spanish II..... 4

SPAN 2010 Intermediate Spanish I/Lab..... 4

SPAN 2020 Intermediate Spanish II/Lab ..... 4

THEA 2040 Theatre Appreciation..... 3

VISU 1000 Art Appreciation<sup>1</sup> ..... 3

VISU 2030 Art History I<sup>1</sup>..... 3

VISU 2040 Art History II<sup>1</sup>..... 3

**Area III. Natural Sciences and Mathematics**

BIOL 1010/1011 Principles of Biology I/Lab ..... 4

BIOL 1020/1021 Principles of Biology II/Lab ..... 4

CHEM 1100/1101 General Chemistry I/Lab..... 4

CHEM 1200/1201 General Chemistry II/Lab..... 4

MATH 1100 Finite Mathematics..... 3

MATH 1150 Precalculus Algebra and Trigonometry..... 4

MATH 1610 Calculus I..... 4

MATH 1620 Calculus II..... 4

MATH 2630 Multivariable Calculus ..... 4

MATH 2660 Linear Algebra..... 3

PHYS 2100/2101 General Physics I/Lab..... 4

PHYS 2200/2201 General Physics II/Lab ..... 4

PSCI 1100/1101 Introduction to Physical Science/Lab..... 4

PSCI 1400/1401 Introduction to Astronomy/Lab ..... 4

PSCI 1500/1501 Introduction to Chemistry/Lab..... 4

**Area IV. History, Social Sciences and Behavioral Sciences**

ANTH 2110 Cultural Anthropology ..... 3

ECON 2010 Economics I..... 3

ECON 2020 Economics II ..... 3

GEOG 2050 Geography of World Regions ..... 3

GEOG 2150 Human Geography..... 3

HIST 1010 World History I..... 3

HIST 1017 World History I, Honors..... 3

HIST 1020 World History II ..... 3

HIST 1027 World History II, Honors ..... 3

HIST 1060 Western Civilization to 1648..... 3

HIST 1070 Western Civilization since 1648 ..... 3

HIST 2010 U.S. History to 1877..... 3

HIST 2020 U.S. History Since 1877..... 3

INTL 2050 Geography of World Regions..... 3

INTL 2110 Cultural Anthropology..... 3

INTL 2150 Human Geography ..... 3

POLS 2020 Institutions of American State and National Govt. ....	3
PSYC 2110 General Introductory Psychology.....	3
SOCI 2000 Introduction to Sociology .....	3
SOCI 2007 Introduction to Sociology, Honors .....	3
SOCI 2010 Social Problems.....	3

<sup>1</sup> *Approved Fine Arts course.*

## English Composition Grade Requirement

Correct English usage is expected of all students in both their oral and written work. Instructors in all curricula are directed to insist on clear, effective and grammatically accurate speaking and writing in all class work. A grade of C or higher in both of the required English composition courses is necessary for enrollment in any other English courses, as well as for graduation.

No student earning a grade of D or F in a first-year English composition course at AUM will be permitted to transfer credit from another school to offset that lower grade; the course must be repeated in residence at AUM.

## English Composition Placement

You must take the AUM English Placement Test only if you have not taken the ACT or SAT in the last three years. All other students' English placement will be decided based on their ACT or SAT score.

If you scored 18 or higher on the English portion of the ACT (or 450 or higher on the critical reading portion of the SAT) in the last three years, you will be placed in English Composition I (ENGL 1010). If you scored lower, you will be placed in Basic English (ENGL 0100) and its lab component (ENGL 0101).

Final placement in Basic English and English Composition I is confirmed on the first day of class with the assistance of a diagnostic essay. Your diagnostic performance during this first class meeting determines whether you remain in the course or move to the other course.

For more information, refer to [www.aum.edu/placement-testing](http://www.aum.edu/placement-testing) or email [composition@aum.edu](mailto:composition@aum.edu).

## Core Mathematics Requirement

No student earning a grade of F in a core mathematics course (MATH 1100, MATH 1120, MATH 1150, MATH 1610, MATH 1620, MATH 2630 and MATH 2660) at AUM will be permitted to transfer core mathematics credit from another school to fulfill the core mathematics requirement; under such circumstances the mathematics core requirement must be completed at AUM.



## Testing for Mathematics Placement

You only are required to take the Mathematics Placement test if:

- You scored below 20 on ACT Math or below 510 on SAT Math within the last three years; or
- If it has been three years or more since you last took the ACT (SAT) or the placement test.

If your ACT Math score is 25 or higher (SAT 600 or higher), you are cleared to register for Calculus (MATH 1610 or 1510), though you may still register for Finite Math (MATH 1100) or Precalculus (MATH 1120 or 1150) if either is required for your major.

If you must take the placement test, please note that the Department of Mathematics uses the ACT Mathematics Test. You can find information about the test (including sample test questions) by going to <http://www.act.org/compass/>. (We are only administering the Algebra, College Algebra, and Trigonometry test.)

Students will need to pay a \$10 test fee in the Cashier Office and bring the receipt with them to the testing session. Students who take the test after the Cashier Office closes on Wednesdays will not be allowed to take the test without a receipt, so they should make arrangements to pay their testing fee before the Cashier Office closes at 5 p.m.

The test takes an average of 30 minutes, so you will need to allow at least 30 minutes for testing. You can start testing at any time during the testing session, but make sure you arrive in time to finish the test before the testing session is over. No student will be allowed to start the test when there are less than 30 minutes left in the testing session.

### What to bring:

- Your receipt from the Cashier Office.
- Picture ID
- Calculator (No graphing calculators are allowed. The Windows calculator is included online with the test.)
- Pencil
- Your student ID number (S number)

We will generate a printout of your test results together with our placement recommendations when you complete the test. You need to show this printout to your advisor before registering for a math class. This is particularly important in case your test results qualify you to take one of several options of math courses. Visit [www.aum.edu/placement-testing](http://www.aum.edu/placement-testing) for more information.

## ■ General Requirements

### Advising

All students are required to seek the guidance of an academic advisor before registering for courses. Some departments may notify students of their assigned advisor shortly after the student is admitted to AUM. Students who are not notified of their advisor after they are admitted to AUM should contact the department of their major to be assigned one.

Students should be aware that pre-professional curricula (e.g., pre-medicine, pre-pharmacy, pre-law) are not majors. Individuals completing one of these curricula will be required to declare a separate major (biology, chemistry, political science, etc.). Such students will need advising both in their pre-professional curriculum and in their major. They should see the advisor designated for their pre-professional curriculum. If this pre-professional advisor is in the department of the student's major, he or she will be the student's only academic advisor. However, if this pre-professional advisor is not in the department of the student's major, the student will need to seek additional advice from an advisor in the department of his or her major.

All underdeclared majors and unclassified students will be advised by Liberal Arts. These students should call 334-244-3278. They will continue to be advised in Liberal Arts until they declare a different major.

It is the student's responsibility to meet with his or her assigned academic advisor prior to course registration for guidance in selecting courses that comply with his or her specific program/major requirements. In order to register for courses, students must obtain their advisor's signed approval of the courses. Once the advisor gives this approval, the student can obtain personal identification numbers (PINs) that will allow him or her to register on WEBSTER, AUM's online registration program. These PINs will be issued by the advisor or by the advisor's departmental administrative assistant.

Although all students are required to seek the guidance of an academic advisor, it is ultimately the students' responsibility to ensure that their degree requirements are met.

### Students with Undeclared Majors

Degree-seeking students who have not declared a major are advised by the Liberal Arts advisor. Undeclared students at AUM are required to declare a major within their first 41 semester hours of credit. While classified as undeclared, students must complete core courses. Since undeclared students will be advised without the direction of their major, all classes taken as an undeclared student may not be applicable to the major for which they declare.

## 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. If additional attendance requirements are posted in the syllabus, the instructor is required to monitor and inform the students of their attendance status. Attendance verification is required for the first three classes to comply with federal financial aid requirements. Instructors must also report the “last day 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.

## Auditing Privilege

The privilege of auditing courses is restricted. Students may audit a lecture course or the lecture part of a combined lecture and laboratory course with the approval of the 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. It is not permitted in studio courses in the Department of Fine Arts.

Auditors must complete the regular admission and registration process and 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 these requirements. The grade of NR (No Grade Reported) is assigned for those not meeting the attendance requirement. 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. 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.

## Enrollment and Degree Verification

AUM contracts with the National Student Clearinghouse to serve as a third party agent in providing enrollment and degree verifications. The clearinghouse may be contacted at 703-742-4200 or via the Web at [www.studentclearinghouse.org](http://www.studentclearinghouse.org) or [www.degreeverify.com](http://www.degreeverify.com). Currently enrolled students may download free enrollment verifications via WEBSTER.

## Certification of Student Status

Undergraduate students are certified for enrollment and student status based upon the number of credit hours the student is taking each term (Note: All three terms – fall, spring and summer – are counted the same) and to be classified as such must be taking:

Full-time: 12 or more semester hours

Half-time: 6 - 11.99 semester hours

Less than half-time: Fewer than 6 semester hours

This certification is used for student loans, insurance, military ID cards and other types of certification. Note: For veteran certification, please see the section under Financial Aid in this catalog. If you have any questions concerning this section, please contact the Office of the Registrar at 334-244-3125.

## **Classification**

Each undergraduate student will be classified according to the number of semester credit hours earned at AUM and other institutions as follows: freshman, 27 or fewer; sophomore, 28 to 57; junior, 58 to 87; senior, 88 or more.

Any student who has been awarded one baccalaureate degree and pursues another course of study for a second baccalaureate degree will be classified as an undergraduate student.

Students who, for reasons acceptable to the dean, do not wish to pursue a regular course of study with respect to course load or curriculum will be admitted as unclassified students.

## **Curriculum Transfer**

A student who transfers from one curriculum, major or degree program to another must meet the degree requirements specified in the catalog in effect at the time of the transfer.

## **ID Card**

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

## **Prerequisites**

Course prerequisites or co-requisites are listed with the course description in the catalog. It is the responsibility of the student to know these requirements and to comply with them when registering. Any waiver of these requirements must be approved by the instructor of the course and/or the dean of the school in which the course is taught.

## **Restrictions**

Some courses have restrictions that preclude some students from registering for these courses. For example, there are level restrictions (undergraduate or graduate); major restrictions (only certain majors are allowed to take courses); class restrictions (an example of this would be only seniors could register for a course). These are not all the restrictions. Check with your advisor prior to registering to find out if a course has a restriction.

## Registration

Every student is required to be registered at AUM when taking course work of any type, including but not limited to thesis work; co-op; making up an incomplete grade; auditing; 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 withdraw or resign 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 academic calendar as the last day for final registration, a late registration fee will be charged.

## Schedule Adjustment

A student may add a course prior to the second meeting of the class for full-term classes and prior to the first class for half-term and tri-term classes. After these periods, no student may register for a class except by permission of the head of the department or dean of the school in which the class is taught.

Resignation occurs when a student decides to withdraw 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 transcript. Resignation after classes have started on the sixth day will result in a student receiving a grade of W (Withdrawal). The deadline for withdrawing/resigning from a course is identified on the student registration system WEBSTER and in the academic calendar.

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. 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.

## Student Load

A typical semester load for full-time students is 12 to 15 hours. Fully admitted students may schedule up to 18 hours in one semester, but must receive written permission from the dean of the school of their major to schedule more. Provisionally admitted students can schedule no more than 12-13 hours per semester. It is recommended that provisionally admitted students schedule no more than 10 hours per semester.

## ■ Examinations and Grades

### Examinations

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 to 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.

### Multiple Exams Policy

The possibility exists for a student to be scheduled to take three final examinations on the same day. This may place an undue burden on the student. Therefore, the Office of the Provost and the deans have instituted the following policy:

- If a student has been scheduled for more than two final exams in one day, the student can ask his or her instructor to reschedule the middle exam to another day. The instructor may reschedule the exam taken with another section or class the instructor is teaching.
- The exam must be completed during the final exam week. The request must be submitted in writing to the instructor prior to the 12th week of the semester to allow for the reschedule.
- The authority to reschedule the exam rests with the instructor.
- If the instructor whose exam falls in the middle cannot make alternative arrangements, the student may go to one of the other instructors to reschedule a final exam.
- If the student is graduating at the end of the term when this policy is applied, then the exam would have to be administered, graded and the final grade turned into the Registrar's Office prior to the deadline to turn in the graduating student's grades.

### Grading System

Final grades are assigned as follows: A, B, C, D, D\*, F, F\*, FA, FAN, 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.
- D\* = Grade has been replaced, not counted in GPA (see Grade Adjustment/Course Repeat Policy).
- F = Failure and 0 quality points per hour attempted.
- F\* = Grade has been replaced, not counted in GPA (see Grade Adjustment/Course Repeat Policy).
- FA = Failure due to absence and 0 quality points per hour attempted.
- FAN = Failure to attend developmental courses (not counted in GPA).

- S = Passing and 0 quality points, but the hours attempted are not included in grade point average determinations.
- U = Failure and 0 quality points, but the hours attempted are not included in grade point average determinations.
- 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 one-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 determinations.
- 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. It 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 or including the final examination. It is recommended that a contract be developed between the instructor and the student to specify the terms for clearing the grade of Incomplete. Grades of Incomplete not cleared within one calendar year shall be changed to F by the registrar unless an extension is approved by the instructor and the dean and the registrar is so notified.

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."

Students will not be permitted to graduate with Incomplete grades. These will be changed to F.

There is a time limit of one calendar year from the last day of the semester 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.

## Appeal of Grades

Individual course instructors have the responsibility for assigning grades. Students wishing to appeal a grade should follow the procedure listed below.

The student must initiate the procedure in writing to the appropriate department head by the fifth week after the grade was filed in the Office of the Registrar.

1. Prior to appealing the grade, the student should meet with the instructor to discuss the matter.
2. If, after meeting with the instructor, the student wishes to appeal the grade, the student must prepare a letter to the department head of the instructor outlining reasons for the appeal and providing all relevant evidence. This letter and any supporting documentation must present all the facts the student wishes to make known concerning this matter. The letter should also include the student's mailing address and phone number.
3. The department head will organize a meeting between the student and instructor in order to seek a resolution to the dispute. If no resolution is found and the student wishes to continue the appeal process, the department head will form a departmental grievance committee and provide the committee with all relevant materials. After review of all materials, the committee will make a recommendation to the department head to raise, lower or leave the grade intact. The department head will inform both the instructor and student of his or her decision within three weeks of receipt of the student's letter.
4. Either the instructor or student may appeal the department head's decision within one week of receiving it.
5. A written appeal should be made to the dean within one week of receiving the department head's decision. The dean will review the case and inform the parties of his or her recommendation within three weeks of receiving the appeal.
6. If the instructor or the student wishes to further appeal the grade, a written appeal should be made to the associate provost within one week of receiving the dean's recommendation. The associate provost will review the case and inform the parties of the final decision within three weeks of receiving the appeal.
7. Individual course instructors have the responsibility for making the grade change determined by the appeals process.
8. In the School of Nursing, the associate dean will replace the department head, since it does not have departments.

## Grade Adjustment/Course Repeat Policy

AUM has implemented the following grade adjustment/course repeat policy for all currently enrolled, fully admitted undergraduate students.



Undergraduate students may delete a maximum of three course grades of D or F (including FA or U) associated with their undergraduate degree program from the computation of their cumulative grade point average (This includes all undergraduate work at AUM). Grades and credit considered as transfer credit at either Auburn campus, grades earned in a previously awarded baccalaureate degree or grades that have been assigned as a result of academic misconduct are excluded from this policy.

This policy does not offer exemption from academic requirements for AUM degrees; adjustment only applies to grades in individual courses. All core and major requirements must be met for graduation. Students should be aware that D or F/FA/U grades in required courses may be deleted from the computation of the cumulative grade point average prior to a repeat but must be repeated at AUM before graduation. Where a specific course is required for the core or a major, that course must be repeated to replace the deleted grade. Courses covered by this policy and needed to meet core area requirements or elective courses within a major may, subject to the approval of the academic dean, be replaced by any course accepted for that requirement, where applicable.

All courses for which a grade is awarded will remain on the transcript. Courses for which a grade has been deleted from the cumulative grade point average will have the grade recorded and a notation that the grade has been excluded from the earned hours and the cumulative grade point average. Students may submit a written request for grade deletion to their academic dean's office at any time prior to graduation. Once a request for deletion of a grade has been granted and that grade has been removed from the calculation of the cumulative grade point average, the grade and credit cannot be restored.

Deletion of grades is only available to currently enrolled, regularly admitted undergraduate students and is not available to former students. Students should follow AUM guidelines for the repeat of courses in which grades of A, B or C have been awarded. However, all grades will be used for determining all academic honors.

All AUM transcripts will include two grade point averages: a semester grade point average and a cumulative grade point average. The transcript will carry an appropriate notation that these grade point averages may not include grades for all courses attempted. For further information on this policy, please consult the dean of your school.

## **Grade-Point Average**

AUM operates on a four-point system, where the number of grade points is divided by the number of hours attempted (less hours in which a grade of S, U, CR, NC, FAN, P or IP is issued).

## Good Standing

Students must have a 2.00 grade point average (both at AUM and their cumulative GPA) to be in good standing academically at AUM. The provisional classification does not constitute good standing.

## Continued Status

A student who falls below the criteria for good standing but who is not on academic probation or suspension will be allowed to continue at AUM in continued status.

## Dean's List

A full-time undergraduate student (minimum of 12 semester hours not including developmental course work) passing all credit work carried during a semester and attaining a grade-point average of 3.5 for the semester may be designated a Dean's List student for that semester. Undergraduate students who are named to the Dean's List may be invited to participate in the AUM Honors Program. See University Honors Program for details. These academic honors will be made a part of the student's permanent record.

## Academic Eligibility

AUM may place a student on probation or suspension at any time if he or she neglects academic work or makes unsatisfactory progress toward graduation, as defined by the following categories.

### Academic Probation

A student will be placed on academic probation whenever his or her cumulative grade-point average at AUM is less than the grade-point average identified below for the applicable level of cumulative graded hours:

Cumulative Graded Hours <sup>1</sup>	AUM GPA <sup>2</sup>
0 - 27	GPA is less than 1.43
28 - 57	GPA is less than 1.73
58 - 87	GPA is less than 1.81
More than 87	GPA is less than 1.87

<sup>1</sup> Cumulative graded hours include hours attempted at AUM and attempted hours transferred from any other institution(s).

<sup>2</sup> Only the institution GPA earned at AUM is used to determine the probation and suspension status (regardless of what the overall GPA may be for transfer students).

No entering freshman or transfer student will be placed on probation at the conclusion of his or her first semester's work.

## Clearing Probation

A student may clear probation by elevating the cumulative grade point average at AUM to equal to or greater than those identified above for the applicable class level. Credits and grades earned at another institution may not be used to clear probation.

## Academic Suspension

A student will be placed on academic suspension whenever his or her cumulative grade point average at AUM is less than the grade point average identified below for the applicable level of cumulative graded hours:

Cumulative Graded Hours <sup>1</sup>	AUM GPA <sup>2</sup>
0 - 27	GPA is less than 1.00
28 - 57	GPA is less than 1.52
58 - 87	GPA is less than 1.61
More than 87	GPA is less than 1.76

<sup>1</sup> Cumulative graded hours include hours attempted at AUM and attempted hours transferred from any other institution(s).

<sup>2</sup> Only the institution GPA earned at AUM is used to determine the probation and suspension status (regardless of what the overall GPA may be for transfer students).

A student will be suspended only if he or she was on academic probation the previously enrolled term. A student will not be placed on academic suspension at the end of a semester in which a 2.00 (C) average was earned but will be continued on academic probation.

The first academic suspension will be for a period of one semester, summer term being counted as any other term. A student will be readmitted (by AUM's Office of the Registrar) on academic probation following the expiration of the academic suspension.

No credit earned at another institution by a student on suspension from AUM will be used in clearing a suspension or in meeting requirements for an AUM degree.

## Indefinite Suspension

A student who returns to AUM on academic probation after an academic suspension will be placed on indefinite suspension whenever his or her cumulative grade point average at AUM is less than the grade point average identified above (under the heading Academic Suspension) for the applicable class level. A student will not be placed on indefinite suspension at the end of a semester in which a 2.00 (C) average is earned but will be continued on academic probation. Indefinite suspension will be for a period of at least two terms (more than two terms if there

are multiple indefinite suspensions), summer being counted as any other term, and the student may be readmitted only after submitting a petition for readmission to the associate provost and interviewing with the Readmission Committee and on the basis of adequate evidence of the student's ability, maturity and motivation.

No credit earned at another institution by a student on indefinite suspension from AUM will be used in clearing a suspension or in meeting requirements for an AUM degree.

Note: If a final academic or indefinite suspension decision cannot be made because of deferred grades or the resolution of Incomplete or In Progress grades, the student will be suspended but permitted to register for the next semester on a conditional basis. All deferred grades and resolutions of Incomplete and In Progress grades that may affect the suspension consideration must be resolved within two weeks of the beginning of the semester for which the conditional approval to register was granted. If the deferred grades and/or resolutions of Incomplete and In Progress grades are not recorded in the Office of the Registrar within the first two weeks or the grades are not of sufficient quality to override the suspension criteria, the student will be suspended and disenrolled from the university.

## **Residence Requirement**

At least 25 percent of the total semester hours required for graduation must be taken at AUM. Generally, these hours must be taken in the student's final year unless the dean approves credits (up to a maximum of 9 hours) earned elsewhere during the final year. In any case, the residence requirement of 25 percent of the total semester hours at AUM must be met.

## **■ Graduation and Degree Requirements**

### **Applying for Graduation**

AUM students nearing completion of degree requirements must apply for graduation no later than the first week of the term in which they intend to graduate. Application may be made online by going to the AUM website ([www.aum.edu](http://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 semester of graduation.

If a student fails to graduate in the semester for which application is made, the applicant must reapply to graduate in a subsequent semester. (The graduation fee will be retained by AUM and applied to the term of graduation.) Deadlines for graduation application are available online and in the Office of the Registrar.

## **Degree Requirements**

To qualify for graduation, a student must:

1. Complete the courses and hours specifically required and accepted for the curriculum with a grade-point average of 2.0 (C).

2. Complete the Area I English composition core requirements with a minimum grade of C in each course. See the section on English requirements in this catalog for the limitation on acceptable transfer credit.
3. Complete Areas II, III and IV university core requirements with a GPA of at least 2.0 (C).
4. Complete all Area V courses identified in the major field of study with a GPA of at least 2.0 (C). Students who began their college career Fall 2009 or later must complete five writing intensive courses.
5. Complete a minimum of 120 semester hours of passing credit within the framework of the identified field of study. Credit earned in developmental courses (ENGL 0100, EDUC 0800, READ 0700, MATH 0700, MATH 0800) will be in addition to minimum degree requirements.
6. Be free of probation or suspension status at the end of the desired semester of graduation. Even though the GPA in specifically required and accepted courses for the curriculum may be 2.0 (C), the overall record of courses attempted may place the student in jeopardy.

Note: The requirements stated above are general university graduation requirements. Individual schools and departments may impose more stringent requirements. Schools and departments may not impose less stringent requirements. Students should contact individual schools and departments to determine the exact graduation requirements for their desired major.

## Second Degree

To earn a second baccalaureate degree, a student must complete a minimum of 30 semester hours in residence at AUM subsequent to the awarding of the first degree with a 2.0 GPA. Additionally, the student must satisfy all university, school, departmental and major course requirements for the second degree.

## Dual Major

Dual majors are authorized in the academic schools upon approval of the dean when all requirements for both majors and for the schools in which those majors are based are satisfied. When the above provisions are satisfied, both majors may be listed on the student's transcript and on the diploma. The student may choose the school from which the degree will be awarded.

## Graduation Honors

Students with a minimum overall GPA of 3.4 are graduated Cum Laude; 3.6, Magna Cum Laude; and 3.8, Summa Cum Laude. This distinction of high academic achievement is placed on the student's diploma and on his or her permanent record.

The GPA for graduation honors must also be achieved on AUM course work. Grades of S or U and noncredit courses are not used in the calculations. However,

any courses that have been deleted from your GPA calculation through the Grade Adjustment Policy will be factored back in to your GPA. A student who graduates with a second degree will have all undergraduate work, wherever taken, considered in the determination of eligibility for honors. In all cases, at least 50 hours of course work at AUM are required for graduation honors.

## **Transferring Within the University System**

The Auburn University system is composed of two campuses — Auburn and Montgomery. A student enrolled in an undergraduate division at either campus who wishes to transfer to the undergraduate division at the other will be considered as a transfer student just as from any other accredited institution. Due to the difference in some curricula and courses, the amount of transfer credit and advanced standing will be determined by the appropriate academic unit and the registrar at the campus to which the student transfers.

## **Transfer Credit**

Transfer credit is reviewed, evaluated and assigned for courses from regionally accredited institutions of higher education that translate to specific AUM courses or are eligible for elective credit. Students should have official transcripts sent directly to AUM's Office of Admissions and Recruitment from each college or university attended to begin the process.

## **Credit by Examination**

AUM recognizes that students learn through a variety of experiences outside the traditional classroom. When these experiences are equivalent to specific courses at AUM, students may earn credit for these courses through two types of examinations: the subject examinations of the College Level Examination Program (CLEP) approved by the department in which the course is offered and departmental proficiency examinations. A student may not attempt credit by examination for a course in which a failing grade has been received or in an area in which the student has received college credit for a more advanced course.

A student may receive no more than 55 semester hours of credit on the basis of non-classroom experience. Semester hours of credit toward graduation earned through credit by examination are recorded on a student's transcript, but no grades or quality points are given; therefore, these credits will not affect a student's grade point average.

## **CLEP**

Test scores on certain subject examinations approved by the department in which the courses are offered are equated with specific courses in the current AUM catalog and a student may receive credit in areas in which academic credit has not been earned.

Students transferring to AUM who have received college credit through the CLEP at other institutions may transfer such credit to AUM if scores on the CLEP meet the AUM requirements for awarding of such credit. CLEP test scores must be submitted directly from the CLEP program before a determination of allowable credit can be made.

All requests for credit based on CLEP subject examinations are submitted to the Office of the Registrar. Test results are evaluated and recorded on a student's transcript if credit is earned. Students may retest after six months on any exam that they may have previously failed to achieve a satisfactory score.

## **Proficiency Examinations**

Credit by examination may be earned for selected courses at AUM through departmental proficiency examinations. The student should contact the appropriate department to determine the availability of proficiency examinations. The minimum passing level for all such examinations is the mid-C range. To apply for a proficiency examination, a student must obtain the approval of the academic advisor, the department head and dean of the school in which the student is majoring and the head of the department in which the course is offered. The head of the department in which the course is offered will report successful completion of the proficiency examination to the Office of the Registrar, and the Office of the Registrar will record this credit on the student's transcript.

Students who transfer to other institutions of higher education should realize that credit by examination for courses at AUM may not be recognized by other institutions.

## **■ Military Services**

### **Credit for Military Schools**

It is the policy of AUM to follow the recommendations of the American Council on Education on credit given for the successful completion of service schools, including AWC and ACSC. The applicability of such credit to a specific program will be determined by the dean of the school concerned. Additionally, AUM has in place specialized articulation agreement that may allow for additional credits. Contact the Office of the Registrar if you think you may fall into this category.

### **Credit for USAFI/DANTES Level Tests and Subject Standardized Tests**

Undergraduate credit may be allowed for college level courses completed by correspondence or for subject examinations administered by the Armed Forces Institute or institutions approved by the Armed Forces Institute and other accredited institutions as approved by the dean concerned. Contact the Office of the Registrar for specific subject areas that are eligible for DANTES.

## **Credit Recommended by the American Council on Education (ACE)**

The ACE presently evaluates both military schools and civilian training programs for 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 nonacademic programs. The applicability of such credit to a specific program will be determined by the dean of the school and faculty advisor.

## **Servicemember's Opportunity College**

The Servicemember's Opportunity College (SOC) is a network of colleges and universities providing educational opportunities to servicemembers or civil servants whose course work is interrupted by military obligations which necessitate relocation. The SOC program provides the opportunity for a student who has met AUM residency requirements (30 semester hours) and who has secured approval of the advisor and dean to take the remaining course work of the degree program at another accredited college or university. The degree will be awarded by AUM upon completion of all degree requirements. The dean must certify a student for participation in the SOC program and approve, in advance, all course work that will be acceptable as transfer credit.

## **Army ROTC Cross Enrollment Program**

AUM, in conjunction with Troy University, Huntingdon College, Alabama State University and Faulkner University, has a separate agreement for Army ROTC. A student who attends one of these schools and is interested in taking Army ROTC courses at AUM should contact military science at 334-244-3528. For the curriculum of military sciences see the School of Sciences section.

## **■ Air Force Reserve Officers Training Corps**

Students can enroll in Air Force ROTC whether he or she is a full-time student at the host university or at a cross-town school. Auburn Montgomery has an Air Force ROTC cross-enrollment agreement with Alabama State University. This means students will be enrolled full-time at AUM and take ROTC classes each week at ASU.

### **Division of Aerospace Studies — Alabama State University**

Air Force ROTC course offerings and military training leading to a commission as an Air Force second lieutenant are available to all AUM students through a cross-enrollment agreement with AFROTC Detachment 019 at Alabama State University.

The nationwide AFROTC program is the major source of Air Force officer procurement. The purpose of AFROTC Detachment 019 at ASU is to offer educational experiences which develop an appreciation for democracy, prepare students for responsible citizenship and train students for management and leadership in the Air Force. The Division of Aerospace Studies is available to students at AUM, Faulkner University, Troy University's Montgomery campus and Huntingdon College.



## **The Four-Year Program**

Students desiring to participate in the four-year program should visit the detachment at Alabama State University to fill out the necessary paperwork. There is no military obligation connected with enrolling in the freshman and sophomore years of the four-year program. The freshman and sophomore years are referred to as the General Military Course (GMC).

Upon completion of the first two years, or GMC portion, of the four-year program, a student may be selected for enrollment in the Professional Officer Course (POC). All or a portion of the General Military Course may be waived by the professor of aerospace studies if the student has a Junior ROTC certificate, has participated in the Civil Air Patrol or has had military school training or prior active service in any branch of the U.S. Armed Forces.

Selection into the POC is based upon passing the Air Force Officer Qualifying Test, a minimum GPA of 2.5 on a 4.0 point scale, passing an Air Force medical examination and completing a four-week summer field training session, usually between the sophomore and junior years. All summer field training costs are paid by the Air Force and the student receives a salary for the four-week training period. (Field training is explained more fully below.) Other basic requirements for the four-year program are U.S. citizenship and possession of a sound moral character.

Cadets desiring to be pilots or navigator designees must be able to complete commissioning requirements prior to age 29. Scholarship recipients must fulfill commissioning requirements before reaching age 27 on June 30 in the estimated year of commissioning. All other cadets must receive an enrollment allocation prior to age 30.

Cadets admitted to the POC receive \$350 a month nontaxable allowance, up to \$4,800 per school year. They may also travel free on military aircraft on a space-available basis. All AFROTC uniforms and course materials are provided by the Air Force at no cost to students.

A cadet who enrolls in the Professional Officer Course agrees to accept a commission as a reserve second lieutenant and serve for four years on active duty. Cadets accepted for pilot training agree to serve on active duty for 10 years after completing pilot training. Cadets accepted for navigator training must agree to serve on active duty for six years after completing navigator training.

## **The Two-Year Program**

The major requirement for entry into the two-year program is that a student have two academic years remaining, either at the graduate or undergraduate level or a combination of the two. Other requirements are passing the Air Force Officer Qualifying Test, passing the Air Force medical examination, a minimum GPA of 2.5 on a 4.0 scale and successfully completing a five-week field training course.

Students desiring to enter the two-year program must apply late in the calendar year, October–November, preceding the fall semester in which they intend to enter the program. This is necessary because the selection process takes place early in the calendar year, January–March, of intended enrollment. Application by interested students should be made by contacting the unit admissions officer.

No military obligation is incurred for attending summer field training or completing the Air Force medical examination and the Air Force Officer Qualifying Test. Students accepted for the two-year program must also be citizens of the United States who will not turn 30 later than the date of graduation and commissioning. After completing the five-week summer field training course, applicants meeting all the requirements may then be enrolled in the Professional Officer Course. All other benefits, requirements and obligations are the same as under the four-year program.

### **The AFROTC Scholarship Program**

Scholarships are available to qualified cadets in the four-year and two-year programs. Scholarships in all programs cover full tuition, laboratory and incidental fees and a flat rate for books. Scholarship cadets also receive a nontaxable allowance each month ranging from \$250 to \$400. Initial selection for scholarships to be awarded during the sophomore, junior or senior years is made on the campus by a board of Air Force ROTC officers. Final selection is made by a selection board at Air Force ROTC Headquarters.

An applicant's academic major and potential active duty career field are considered with respect to the needs of the Air Force.

Scholarships are awarded on a competitive basis. There is no limit to the number that can be awarded to cadets at a given college or university hosting Air Force ROTC's four-year program.

### **AFROTC Curriculum**

The basic goal of the AFROTC curriculum is to provide the military knowledge and skills which cadets will need when they become Air Force officers.

#### **General Military Courses**

**AS 101 and AS 102** (2 hours credit per semester). Survey courses introducing students to the U.S. Air Force and AFROTC. Topics include mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, group leadership problems and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

**AS 201 and AS 202** (2 hours credit per semester). Survey courses facilitating the transition from Air Force ROTC cadet to Air Force ROTC officer candidate.

Topics include Air Force heritage and leaders; Quality Air Force; introduction to ethics, values and leadership; group leadership problems; and continuing application of communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements these courses by providing the first opportunity for applied leadership experiences discussed in class.

**Professional Officer Courses**

**AS 301 and 302** (4 hours credit per semester). A study of leadership, quality management fundamentals, professional knowledge, Air Force doctrine, leadership ethics and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements these courses by providing advanced leadership experiences in officer-type activities by providing opportunity to apply leadership and management principles.

**AS 401 and 402** (4 hours credit per semester). Examine the national security process, regional studies, advanced leadership ethics and Air Force doctrine. Focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty and current issues affecting military professionalism. Continued emphasis is given to refining communication skills. A mandatory Leadership Laboratory complements these courses by providing advanced leadership experiences and the opportunity to apply the leadership and management principles.

**Aerospace Studies Courses**

General Military Course consists of the following courses:

	Semester Hours
AS 101 The Foundations of the United States Air Force .....	2
AS 102 The Foundations of the United States Air Force .....	2
AS 201 The Evolution of the United States Air Force and Space Power .....	2
AS 202 The Evolution of the United States Air Force and Space Power .....	2
Total .....	8

The Professional Officer Course consists of the following courses:

	Semester Hours
AS 300 Air Force Leadership Studies.....	4
AS 301 Air Force Leadership Studies .....	4
AS 400 National Security Affairs/Preparation for Active Duty.....	4
AS 401 National Security Affairs/Preparation for Active Duty .....	4
Total .....	16

**Leadership Laboratory**

Leadership Laboratory is open to ROTC members and students to pursue a commission as determined by the professor of aerospace studies. Attendance is normally two hours each week during the fall and spring semesters. Instruction is

conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities, and the life and work of an Air Force officer. Students develop their leadership potential in a practical, supervised laboratory, which typically includes field trips to Air Force installations throughout the U.S. Physical fitness training is also a mandatory part of Leadership Laboratory and must be attended by all cadets.

### **Field Training**

AFROTC Field Training is offered during the summer months at selected Air Force bases throughout the U.S. Students in the four-year program participate in four weeks of field training, usually between their sophomore and junior years. Students applying for entry into the two-year program must successfully complete five weeks of field training prior to enrollment in the Professional Officer Course.

The major areas of study in the four-week field training program include junior officer training, aircraft and aircrew orientation, career orientation, survival training, base functions and Air Force environment and physical training.

The major areas of study included in the five-week field training are essentially the same as those conducted at four-week training and in the General Military Course, including Leadership Laboratory.

## **■ Cross Enrollment**

### **AUM-Huntingdon/Faulkner Cross Enrollment**

In keeping with the desire to provide a complete and flexible educational opportunity for students in the Montgomery area, AUM has agreed to a cross-enrollment arrangement with Huntingdon College and with Faulkner University. Under this agreement, it is possible for a fully admitted student enrolled at AUM to have access to courses offered either at Huntingdon or Faulkner. The specific details of this agreement are as follows:

1. Students officially registered and enrolled on a full-time basis in one institution will be allowed to cross enroll in another institution for a maximum of one regular course or the equivalent during a given term.
2. All academic courses of either institution are subject to cross-enrollment.
3. Tuition and registration fees will be waived by the host institution, but the cross-enrolled student will be obligated to pay the host institution all laboratory fees and other special charges normally made for certain courses.
4. Cross enrollment must occur during coinciding terms. If the student's enrollment status at the home institution changes during the term, he or she may remain enrolled at the host institution by paying all normal tuition and fees retroactive to the beginning of the term.



Honors Colloquium (s/u) <sup>2</sup>	Semester Hours
HONR 1957 .....	1
HONR 1957 .....	1
HONR 1957 .....	1
Total .....	3
Additional Honors Courses <sup>3</sup> .....	6
Research and Thesis	
HONR 3997 <sup>4</sup> (s/u)	
HONR 4997 <sup>5</sup> (s/u)	
Total .....	6
<b>Area III.</b>	
Math and Sciences	
MATH .....	3
Science/lab .....	3/1
Science/lab (3/1) .....	3/1
Total .....	11
<b>Area V</b> .....	23 <sup>6</sup>
Determined by Major and Degree	
<i><sup>1</sup>3-hour course, offered each fall and spring. UHP students may substitute either ENGL 1017/1027 sequence or HIST 1017/1027 sequence for 6 hours. Study abroad may be used to waive 3 hours of this requirement with approval of the UHP Director. To be repeated with a different theme each time. Writing Intensive course.</i>	
<i><sup>2</sup>Must be taken at least three times. Grading is satisfactory/unsatisfactory.</i>	
<i><sup>3</sup>May be UHP special topics courses (HONR 1997, 2997, 3997, 4937, 4997) or courses taken by UHP contract or selected from COMM 1017, SOCI 2007, or other approved honors courses offered by academic departments).</i>	
<i><sup>4</sup>Grading is satisfactory/unsatisfactory.</i>	
<i><sup>5</sup>Grading is satisfactory/unsatisfactory. May be repeated once.</i>	
<i><sup>6</sup>Wherever possible the UHP recommends that students take at least two semesters of a foreign language to meet Area V requirements.</i>	

Scholarship Opportunities

Each year, freshman students who join the UHP are eligible for 50 scholarships, which may be added to other scholarships given by AUM. In addition, there are a number of other scholarships available for textbook purchase and other purposes. Additional funds are available for research and other costs.

# School of Business

*Dr. W. Rhea Ingram, Dean*

**Accounting**

**Business Economics**

International Business Studies

**Finance**

**General Business**

**Human Resource Management**

**Information Systems**

Infrastructure

Applications

**Management**

**Marketing**

Hospitality and Tourism

## ■ 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 that are 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.

## ■ AACSB–International Accreditation

The degree programs, both undergraduate and graduate, offered by the School of Business have achieved business accreditation by AACSB–International, the nation's oldest and most prestigious business school accrediting body. In addition, the undergraduate accounting program has received separate AACSB accounting accreditation, which is an honor held by only 1% of schools worldwide.

## ■ Undergraduate Programs

The School of Business curricula are designed to provide the student with the foundation of a broad liberal education before beginning a more intensive study of

specific areas of business. The student may elect to pursue programs that specialize in the areas of Accounting, Business Economics (Option in International Business Studies), Finance, Information Systems (Options in Infrastructure and Applications), Human Resource Management, Management, Marketing or General Business. The respective programs are composed of the following: Lower Division Business Core, Upper Division Business Core and courses which comprise an area of specialization.

- I. The Lower Division Business Core is comprised of:
  - A. General studies courses which will fulfill the requirements of the AUM Core Curriculum and Alabama Articulation in General Studies Committee (AGSC) Business template. These courses include:
 

Area I. Written Composition	Semester Hours
ENGL 1010 English Composition I.....	3
ENGL 1020 English Composition II.....	3
 Area II. Humanities and Fine Arts	
Approved Literature I <sup>1</sup> .....	3
Approved Literature II <sup>1</sup> .....	3
Approved Fine Arts <sup>1</sup> .....	3
COMM 1010 Introduction to Human Communication .....	3
 Area III. Natural Sciences and Mathematics	
Approved Science/Lab <sup>1</sup> .....	4
Approved Science/Lab <sup>1</sup> .....	4
MATH 1100 Finite Mathematics or MATH 1150 Precalculus	
Algebra/Trigonometry .....	3
 Area IV. History, Social Sciences and Behavioral Sciences	
Approved History <sup>1</sup> .....	3
Select one of the following:	
ANTH 2110 Cultural Anthropology or	
PSYC 2110 Introductory Psychology or	
SOCI 2000 Introduction to Sociology .....	3
Approved Non-Business Electives <sup>2</sup> .....	9
Total Hours	44

<sup>1</sup> *Approved courses in these areas are AUM courses that have been approved by the State General Studies and Articulation Committee. As of February 2001, the following courses have been approved:*

*Literature Sequences: ENGL 2530 and ENGL 2540, ENGL 2570 and ENGL 2580, or ENGL 2600 and ENGL 2610. School of Business students are required to take a literature sequence.*

*Fine Arts: MUSI 2110, VISU 1000, VISU 2030, VISU 2040 or THEA 2040.*

*Science/Lab courses: BIOL 1010, BIOL 1020, CHEM 1100, CHEM 1200, PSCI 1100, PSCI 1400, PSCI 1500, PHYS 2100, PHYS 2200 (all must include lab).*

*History: HIST 1010, HIST 1020, HIST 2010, HIST 2020.*



<sup>2</sup> For a current listing of approved non-business elective courses and to ensure that the courses meet university and school requirements, please contact the School of Business Information and Advising Office.

AND

B. 1000-2000 level courses in business and economics.

These courses include:

BUSN 1000 Cornerstone of Business .....	3
ACCT 2010 Introduction to Financial Accounting .....	3
ACCT 2020 Introduction to Managerial Accounting.....	3
ECON 2010 Economics I (Micro) .....	3
ECON 2020 Economics II (Macro).....	3
INFO 2070 Introduction to Management Information Systems .....	3
MNGT 2410 Legal Environment of Business.....	3
ECST 2740 Business Statistics I.....	3
ECST 2750 Business Statistics II .....	3

Total Hours..... 27

Students must demonstrate competency in Microsoft Office either through an exam or INFO 2050.

After completion of these lower division requirements, the student is admitted to the upper division.

II. The following courses comprise the Upper Division Business Core:

ENGL 3060 Business and Professional Writing (WI).....	3
FINA 3610 Financial Management I .....	3
MNGT 3100 Management of Organizations (WI) .....	3
MKTG 3310 Principles of Marketing .....	3
ECON 3050 Issues in Global Trade and Finance.....	3
MNGT 3460 Organization Behavior.....	3
QMTD 3600 Operations Management.....	3
MNGT 4800 Strategic Management .....	3
3000/4000 Business Elective .....	3

Total Hours..... 27

WI denotes a writing-intensive course

III. The area of specialization requires 25 semester hours including the options.

Specializations include:

- Accounting
- Business Economics
- Option in International Business Studies
- Finance
- General Business
- Human Resource Management
- Information Systems

Option in Infrastructure  
Option in Applications  
Management  
Marketing  
Hospitality and Tourism

These courses must be at the 3000/4000 level (unless otherwise indicated) and a grade of C or better must be earned if used to fulfill graduation requirements. The specific requirements for each of the specializations are listed on the following pages.

The minimum number of semester hours to complete the AUM Bachelor of Science in Business Administration degree (B.S.B.A.) is 124 semester hours.

## ■ Rules and General Requirements

1. It is the student's responsibility to ensure that all course prerequisites are met.
2. Courses considered developmental in nature may not be used to fulfill the graduation requirements.
3. Students are required to complete lower division requirements prior to attempting upper division courses. In the semester of transition from lower to upper division, students may enroll in the following designated transition courses: FINA 3610, MNGT 3100 or MKTG 3310 if the required prerequisite courses are completed and if the students have completed their core mathematics and English composition requirements.
4. Courses required in the specialization must be taken in residence at AUM. With permission, two courses in a student's specialization may be completed at another AACSB accredited school.
5. Grades below C in upper division specialization subjects are not acceptable as prerequisites for other course work or for graduation. Upper division specialization courses are those which constitute the specific requirements for the specialization.
6. Non-business students may take up to 30 semester hours of business courses for graduation purposes in their non-business major.
7. The AUM School of Business has specified policies and procedures for grade grievance, incomplete grades, late withdrawal, independent studies and internships. Students needing information on these topics should contact the department head of their specialization or the AUM School of Business Information and Advising Office.
8. Students must comply with all other rules and general requirements found elsewhere in this catalog.

# School of Business Information and Advising Office

The School of Business Information and Advising Office, located in Room 326 Clement Hall, is the school's centralized student advising, records and information center. Schedule advising, registration and schedule adjustment are just some services offered to business students. This office also evaluates transcripts for transfer students and for current AUM students switching their major to business. All questions concerning School of Business programs should be directed to this office by calling 334-244-3564 or via e-mail at [jstrong@aum.edu](mailto:jstrong@aum.edu).

## ■ Department of Accounting

### Accounting Specialization

The accounting specialization prepares students to enter a variety of accounting careers. The program consists of eight courses: six required courses to provide students with the knowledge and skills generally expected of all entry-level accountants and two accounting electives that students can choose based on their choice of careers. Students planning to sit for the Certified Public Accountant (C.P.A.) Examination in Alabama must satisfy the requirements of the Alabama Public Accountancy Act. These requirements are described on the Alabama State Board of Public Accountancy website, [www.aspba.alabama.gov](http://www.aspba.alabama.gov).

Accounting Specialization Requirements	Semester Hours
ACCT 3110 Intermediate Accounting I.....	3
ACCT 3120 Intermediate Accounting II .....	3
ACCT 3200 Accounting Information Systems (WI) .....	4
ACCT 3210 Managerial Cost Accounting .....	3
ACCT 3310 Income Tax Accounting.....	3
ACCT 4410 Auditing Financial Statements .....	3
Accounting Electives.....	6
Total Hours.....	25

### Accounting Electives

ACCT 4130 Advanced Financial Accounting .....	3
ACCT 4320 Advanced Income Tax Accounting.....	3
ACCT 4420 Seminar in Auditing .....	3
ACCT 4510 Government and Nonprofit Accounting, Financial Reporting and Budgeting .....	3
ACCT 4520 Governmental Auditing and Internal Control.....	3

## Grade Requirements for Upper Division Accounting Specialization Courses

Students enrolled in the B.S.B.A. degree program with a major in accounting must achieve a minimum grade of C in all upper division accounting courses. Students who receive a D or F in an upper division accounting course at AUM have one opportunity to repeat that course and the course must be repeated at AUM. Students who receive a D or F in any two upper division accounting courses at AUM will be dis-enrolled from the program and will not be eligible for readmission.

Students who have failed (D or F) one course will meet with the Head of the Department of Accounting prior to enrollment in any upper division accounting course. The student must submit a written action plan for improving future performance for approval by the Head of the Department of Accounting before permission can be granted to enroll in any upper division accounting courses at AUM.

## ■ Department of Economics and Finance

### Business Economics Specialization

This curriculum provides students with a solid foundation in economic analysis and prepares students for careers in business, financial institutions and the public sector. In addition, the curriculum prepares students for graduate or professional schools in business, law, economics, international studies and other related fields of study. The student in the business economics program is offered two options of study with related but unique curricula: business economics and international business studies option.

The option in business economics includes seven separate tracks. These include banking and financial markets, public administration, business management, pre-law, international economics, professional and macroeconomics. Each track includes recommended courses in economics, business or other courses outside the School of Business. The purpose of these tracks is to broaden the academic preparation of students and to encourage students to make preliminary career choices.

<b>Business Economics Option Requirements</b>	<b>Semester Hours</b>
ECON 4100 Intermediate Macroeconomics .....	3
ECON 4110 Intermediate Microeconomics (WI) .....	4
Economics Elective <sup>1</sup> .....	3
Economics Elective <sup>1</sup> .....	3
Economics Elective <sup>1</sup> .....	3
Economics/Business/Approved Elective <sup>2</sup> .....	3
Economics/Business/Approved Elective <sup>2</sup> .....	3
Economics/Business/Approved Elective <sup>2</sup> .....	3
<b>Total Hours</b> .....	<b>25</b>

*WI denotes a writing-intensive course*

<sup>1</sup> These electives are determined by selecting a business economics track. The economics faculty will advise students as to the appropriate combination of courses.

<sup>2</sup> These courses must be at the 3000/4000 level or higher.

**International Business Studies Option**

This program consists of courses offered by the Department of Economics, other departments in the School of Business and the Division of International Studies. The program combines training in economics, management and other business skills with language skills and an appreciation for cultural differences that affect business relations in the global marketplace. Students specializing in the international business studies option must have a minimum of two courses in a foreign language consisting of 8 credit hours.

International Business Option Requirements	Semester Hours
INTL 3000 Introduction to International Studies.....	3
ECON 4100 Intermediate Macroeconomics.....	3
MNGT 4750 International Business Management.....	3
MKTG 4650 International Marketing .....	3
International Business Option Elective <sup>1</sup> .....	3
International Business Option Elective <sup>1</sup> .....	3
Economics or Business Elective.....	3
Economics or Business Elective.....	3
Total Hours.....	24

<sup>1</sup> ECON 4700 International Economics, ECON 4050 International Institutions and Contemporary Trade Policy, FINA 4750 International Finance, MNGT 4760 International Law.

**Finance Specialization**

The program in finance provides a foundation in financial institutions, financial planning and financial management. Students may then elect to concentrate in these areas or select advanced courses in related areas of finance, accounting or economics.

Finance Specialization Requirements	Semester Hours
FINA 3370 Personal Financial Planning (WI) .....	4
FINA 3650 Financial Institutions and Markets .....	3
FINA 4640 Investment Analysis and Portfolio Management .....	3
Finance Electives <sup>1</sup> .....	15
Total Hours .....	25

Finance Electives	Semester Hours
FINA 3210 Personal Risk Management and Insurance .....	3
FINA 3230 Principles of Real Estate .....	3
FINA 3620 Financial Management II .....	3
FINA 4210 Commercial Risk Management and Insurance.....	3

FINA 4600 Financial Asset and Liability Management..... 3

FINA 4700 Short-Term Financial Management..... 3

FINA 4750 International Finance ..... 3

FINA 4924 Internship in Finance ..... 1-3

FINA 4970 Special Problems/Special Topics ..... 3

ACCT 3110 Intermediate Accounting I ..... 3

ACCT 3120 Intermediate Accounting II..... 3

ACCT 3310 Income Tax Accounting ..... 3

ACCT 4320 Advanced Income Tax Accounting ..... 3

ECON 4100 Intermediate Macroeconomics ..... 3

ECON 4110 Intermediate Microeconomics..... 3

ECON 4650 Public Finance..... 3

<sup>1</sup>At least three electives must be finance (FINA) courses.

■ **Department of Information Systems  
and Decision Sciences**

**Information Systems Specialization**

The program of study in information systems (IS) is designed to prepare students to be business-oriented, technically proficient IS professionals who can perform and eventually lead systems analysis, systems development and technology management activities, using state-of-the-art, web-based and traditional software tools and design methodologies.

Students will develop the skills and knowledge necessary to analyze and understand business problems and apply information technology to help solve these problems. Students will learn how to analyze client needs, define systems to meet these needs, develop applications, manage operations and act as technical intermediaries between management and other technical staff. Courses require extensive hands-on projects, teamwork and use of high-end technology in labs. People attracted to IS enjoy solving puzzles, being involved in creative tasks, are comfortable around technology and like change. Skills required for success in IS are analytical thinking, good oral and written communication and teamwork. IS professionals often deal with a number of tasks simultaneously, consequently the ability to concentrate and pay close attention to details is important.

Students in the information systems curriculum take a common body of INFO courses beyond the School of Business core. In addition, four elective courses allow students to tailor their studies to a particular area of interest. Study within the information systems area is broken into an infrastructure option or an applications option. Students can focus on two areas of emphasis within each of these option areas.

Information Systems Specialization Requirements	Semester Hours
One Programming Language (depending on interest) .....	3
INFO 3560 Database Systems .....	3
INFO 3700 Data Communication (WI) .....	4
INFO 4800 Project Management .....	3
INFO Electives .....	12
Total Hours .....	25

Infrastructure Option Requirements	Semester Hours
INFO 4200 Disaster Recovery & Contingency Planning .....	3
INFO 4560 Database Administration .....	3
INFO Electives .....	6
Total Hours .....	12

Students interested in data administration and communication will be required to take INFO 2100 Networking Systems as a business elective and INFO 3200 C++ as their programming language. Electives include INFO 4000, INFO 4400, or INFO 4410.

Students interested in data storage management will be required to take INFO 2100 Networking Systems (can be used as a business elective) and INFO 3200 C++ as their programming language. Electives include INFO 4100 and INFO 4150.

Application Option Requirements	Semester Hours
Programming Language .....	3
INFO 4780 Systems Analysis, Design & Implementation .....	3
INFO Electives .....	6
Total Hours .....	12

Students interested in system development, will be required to take INFO 3000 Java I as their programming language. Electives include INFO 3010 Java II as second programming language and two elective courses that use Microsoft .Net (e.g., INFO 3800, INFO 3810 or INFO 3200).

Students interested in a general information systems degree will have the most flexibility in choosing among all electives. Students should speak with information systems faculty regarding appropriate combinations of electives for this area of emphasis.

## ■ Department of Management Management Specialization

The management specialization is designed to prepare students to respond to the opportunities and demands of a highly competitive world. The program gives students the knowledge and skills that are universally needed to be successful in leadership roles in any organization. The curriculum builds a knowledge base that includes the latest ideas in management thought and practice, with a particular emphasis on acquiring critical people management skills.

<b>Management Specialization Requirements</b>	<b>Semester Hours</b>
HRSM 3150 Human Resource Management (WI) .....	4
MNGT 4500 Leadership for a Changing World.....	3
MNGT Elective .....	3
MNGT Elective .....	3
MNGT Elective .....	3
HRSM Elective.....	3
HRSM Elective.....	3
HRSM Elective.....	3
<b>Total Hours</b> .....	<b>25</b>

*(WI) denotes a writing-intensive course*

### **MNGT Electives**

MNGT 3420 Legal Aspects of Business Management .....	3
MKTG 4010 Entrepreneurship .....	3
MNGT 4100 Business Ethics .....	3
MNGT 4250 Managing Diversity.....	3
MNGT 4390 Small Business Management.....	3
MNGT 4750 International Business Management.....	3
MNGT 4760 International Business Law.....	3

### **HRSM Electives**

HRSM 4000 Compensation Management.....	3
HRSM 4050 Employment Law.....	3
HRSM 4550 Advanced Issues in Employment Law.....	3
HRSM 4600 Employee Recruitment and Selection.....	3
HRSM 4610 Human Resource Development, Evaluation and Safety .....	3
HRSM 4440 Labor Management Relations.....	3

## **Human Resource Management Specialization**

The Human Resource Management Program prepares students to meet the challenges of a specialized career in human resources or general management. The program is affiliated with the national Society for Human Resources Management and has a curriculum that presents state-of-the-art practices in human resource management. Students are provided with the knowledge and skills needed to be competitive in this constantly changing field.



Human Resource Management Specialization Requirements	Semester Hours
HRSM 3150 Human Resources Management (WI) .....	4
HRSM 4000 Compensation Management.....	3
HRSM 4050 Employment Law.....	3
HRSM 4440 Labor Management Relations .....	3
HRSM 4610 Human Resource Development, Evaluation and Safety.....	3
HRSM 4600 Employee Recruitment and Selection.....	3
HRSM Electives.....	6
Total Hours .....	25

(WI) denotes a writing-intensive course

HRSM Electives	
ECON 3500 Labor Economics.....	3
HRSM 4550 Advanced Issues in Employment Law.....	3
MNGT 4250 Managing Diversity .....	3

■ Department of Marketing

The importance of marketing is underlined by the fact that marketing activities constitute one-half of the total cost of an average product and that a marketing orientation is linked with the purpose of any business or organization; that is, serving customer needs. The program of study in marketing provides the knowledge students need to successfully create customer value in a dynamic environment. Creating customer value requires a balance between thinking logically and creatively, and the marketing specialization challenges students to do both. Students also have opportunities to develop interpersonal and communication capabilities, and valuable skills in demand by local, national and international employers.

Students in the marketing specialization take a common body of MKTG courses beyond the School of Business core. In addition, elective courses allow each student to tailor his or her studies to a particular area of interest. Students are encouraged to work with the Head of the Department of Marketing to choose these electives. Students can also choose to focus on hospitality and tourism as an option within the marketing specialization.

Marketing Specialization Requirements	Semester Hours
MKTG 4360 Marketing Research (WI).....	4
MKTG 4400 Professional Selling & Sales Management .....	3
MKTG 4410 Buyer Behavior .....	3
MKTG 4650 International Marketing .....	3
MKTG 4780 Marketing Strategy .....	3
Marketing Electives .....	9
Total Hours.....	25

Hospitality and Tourism Option

The hospitality and tourism industry currently employs one in 10 people worldwide and this number is projected to grow. If you are interested in working for amusement parks, pro sports teams or in the resort industry, you should consider this option.

<b>Hospitality and Tourism Option Requirements</b>	<b>Semester Hours</b>
MKTG 4360 Marketing Research (WI)* .....	4
MKTG 4400 Professional Selling & Sales Management .....	3
MKTG 4410 Buyer Behavior* .....	3
MKTG 4650 International Marketing .....	3
MKTG 4780 Marketing Strategy* .....	3
MKTG 4924 Internship in Marketing* .....	3
Marketing Electives .....	6
<b>Total Hours .....</b>	<b>25</b>

*(WI) denotes a writing-intensive course*

\*The hospitality and tourism option includes the basic core MKTG courses in the marketing specialization; however, MKTG 4924 Internship in Marketing is also required. In addition, students in this option will focus on the hospitality and tourism industry when completing the major projects in MKTG 4360, MKTG 4410 and MKTG 4780.

## **General Business Specialization**

The general business specialization is designed for students who desire a more general background in the different functional areas of business or a custom-designed specialization. The general business option is composed of courses selected from different areas of business. For most students, the School of Business advises the student to select a specialization. The general business option consists of four required courses and four approved business electives. The four required courses consist of one course from four of the different areas of business. One of the eight business courses chosen must be a writing-intensive (WI) course with four (4) semester hours.

<b>General Business Option Requirements</b>	<b>Semester Hours</b>
Business courses from four different areas below.....	12-13
Approved business electives .....	12-13
<b>Total Hours .....</b>	<b>25</b>

The four courses are selected from the following (select only one from each area):

<b>Department Courses</b>	<b>Semester Hours</b>
<b>Accounting</b>	
ACCT 3110 Intermediate Accounting I .....	3
ACCT 3310 Income Tax Accounting .....	3
ACCT 3200 Accounting Systems and Internal Control (WI) .....	4

**Economics**

ECON 3600 Money and Banking.....3

ECON 4100 Intermediate Macroeconomics.....3

ECON 4110 Intermediate Microeconomics (WI) .....4

**Finance**

FINA 3370 Personal Financial Planning (WI) .....4

FINA 3620 Financial Management II .....3

FINA 3650 Financial Institutions and Markets .....3

**Information Systems and Decision Science**

INFO 3000 Java I.....3

INFO 3200 C++I .....3

INFO 3400 Visual Basic I.....3

INFO 3800 Web Application Development.....3

**Human Resource**

HRSM 3150 Human Resource Management (WI) .....4

**Management**

MNGT 3420 Legal Aspects of Business Management.....3

MNGT 4110 Business Ethics .....3

MNGT 4500 Leadership for a Changing World.....3

**Marketing**

MKTG 4360 Marketing Research (WI).....4

MKTG 4410 Consumer Behavior .....3

MKTG 4780 Marketing Strategy .....3

*(WI) denotes writing-intensive course.*

The remaining courses are approved 3000/4000 level business electives. The general business student is encouraged to take one course from each of the different functional areas of business.

# School of Education

*Dr. Samuel W. Flynt, Dean*

**Art Education**

**Childhood Education**

**Exercise Science**

**Physical Education**

**Secondary Education**

**Special Education**

**Sport Leadership**

**Sport Management**

## ■ 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 education with the knowledge, competencies, ethical attitudes, skills and credentials necessary for successful performance in the teaching profession.
  - a. Utilize recruitment, admission, retention and advising activities that facilitate student progress and guarantee highly qualified graduates.
  - b. Include in all teacher education programs a general studies component that will enable each student to become a well-educated person, as defined in the AUM Mission Statement.
  - c. Provide, through course work and field/clinical experiences within the professional studies component of each program, cognitive and affective experiences that enable students to become dedicated, ethical, successful teachers.
  - d. Provide prospective educators with a basic understanding of cultural diversity.
  - e. Provide prospective educators with the knowledge and skills necessary to teach children with exceptionalities.
  - f. Develop student skills and attitudes necessary for decision making, investigation, research, lifelong learning and continued professional development.
  - g. Prepare prospective educators to meet the demands of advances in knowledge and technology.

2. Provide graduate level programs leading to the master's and education specialist's degrees that will enable graduates to improve and extend their professional competencies and leadership abilities.
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 educational 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.

## ■ Bachelor of Science in Education

The School of Education offers courses leading to the B.S. in Education. The student may elect to pursue a program of teacher preparation designed to prepare elementary, early childhood, physical education, special education or secondary school teachers. The programs in education are composed of the following:

1. A broad core of courses that comply with the Core Curriculum
2. A professional education program consisting of courses in foundations of education and methods and curriculum in areas of specialization
3. Course work in areas of specialization providing depth of understanding required of the teacher
4. Professional field/clinical experiences, including field experiences in methods courses and Professional Internship, and special practica

## ■ Field Experiences Program

The Field Experiences Program provides sequential opportunities for education students to participate in learning activities in a variety of school and community settings. The Field Experiences Program is divided into four areas: Pre-professional Field Experiences, Professional Field Experiences, Professional Practicum Experiences, and Professional Internship.

The Pre-professional Field Experiences are designed to provide freshman and sophomore teacher education candidates initial field experiences in school or community settings. Students may enroll in pre-professional courses before being admitted to the Professional Education Program.

The Professional Field Experiences provide concurrent experiences for teacher education candidates enrolled in the appropriate professional methods courses. Candidates are provided laboratory time for involvement in actual teaching experiences in areas of specialization. Candidates are admitted to the Professional Education Program before enrolling in professional courses.

The School of Education has established special partnership arrangements with many elementary and secondary schools. Candidates have opportunities for clinical experiences in surrounding school districts.

■ Admission to the Professional Education Program

Each student preparing to teach must be admitted to the Professional Education Program and complete that program as one of the qualifications for teacher certification. Applications to enter the program should be filed with the School of Education during the fourth semester in school or upon the completion of 50 hours of course work. Students may not register for advanced level education courses until they have been admitted to the Professional Education Program.

The final dates for submission are as follows:

Fall semester . . . . .	June 15
Spring semester . . . . .	October 15
Summer term . . . . .	March 15

I. Requirements for admission to Professional Education:

A. Prerequisite course work:

A minimum of 50 hours of work completed, including the following courses or their equivalents:

- FNDS 2010
- FNDS 2120
- FNDS 2140
- ENGL 1010 and ENGL 1020
- COMM 1010

B. Fingerprint background clearance by FBI and ABI before participating in field experiences in public school systems.

C. Health requirement: The student is required to submit evidence of a physical examination, dated within the current year, that states the student is free of communicable diseases and is in general good health.

**D. Self-assessment:**

FNDS 2010 students will complete career interest inventories ([www.aum.edu/careertest](http://www.aum.edu/careertest)) so advisors may counsel them more effectively.

These tests will be administered once per semester for transfer students and certification students. Prior to admission to Professional Education, each student will review these goals and needs with an advisor.

**E. Communication skills:**

The student should demonstrate proficiency in reading and oral and written English as demonstrated by the following:

1. The student must have a grade of 2.0 (on a 4.0 scale) or better in COMM 1010 or its equivalent.
2. The student must have a grade of 2.0 (on a 4.0 scale) or better in ENGL 1010 and ENGL 1020 or their equivalents with no grade lower than C.
3. The student must pass the speech and hearing examinations administered by the Speech and Hearing Clinic personnel. In the event these tests reveal any deficiency, recommendations for remediation procedures will be communicated to the student. These recommendations may include speech therapy or referral to a physician.

**F. Scholarship:**

1. The student must have a minimum overall grade-point average of 2.5 (on a 4.0 scale) on course work on the program plan of study taken prior to admission to Professional Education.
2. The secondary student must have a minimum grade point average of 2.5 (on a 4.0 scale) in his or her major teaching field with no grade less than a C accepted.
3. The student must have a minimum grade point average of 2.5 (on a 4.0 scale) in professional education courses with no grade less than a C accepted.
4. Students majoring in any education program will not be allowed to take a professional studies or teaching field course more than twice. This refers to any course on page 2 (the back) of the plan of study.

**G. Test Score:**

The student must successfully complete all sections (reading for information, applied mathematics and writing) of the basic skills test of the Alabama Prospective Teacher Testing Program (APTTP).

**H. Notification**

After application for admission to Professional Education, the student's application file will be reviewed by the Certification Office, and the student will be notified of acceptance or denial. In the event of denial, the student may request an interview with the Committee for

Admission to Professional Education. The student may reapply for admission to Professional Education after deficiencies are met in lieu of or in addition to an interview.

### **I. PHED Health Fitness Test Requirement**

In order to meet National (NASPE) and Alabama Department of Education Standards, every student majoring in the Department of Physical Education and Exercise Science must participate in, and pass, a standardized physical fitness test prior to their internship: The AUM Health Fitness Test. Students must take the fitness test a minimum of two times:

**Part 1.** Initially, those students majoring in Physical Education must take the Test prior to admission to professional education. Students majoring in Exercise Science must take the Test prior to enrolling in PHED 4003 Physiology of Exercise or PHED 4043 Kinesiology. Students majoring in Sport Management must take the Health and Fitness Test while enrolled in PHED 2010 Foundations of Health and Physical Education. Students majoring in Sport Leadership must take the Test prior to being admitted to professional studies. If a student fails to score in the Healthy Fitness Zone on any test item they will be referred to enroll in an appropriate physical activity course as part of a remediation process to improve their health related physical fitness.

**Part 2.** Students majoring in Physical Education, Sport Leadership, Exercise Science, Sport Management must also retake and pass the AUM Health Related Fitness Test the semester that precedes their admission to Internship.

**Swimming Requirement:** Students will be required to take a swimming competency test or pass PHED 1113 Beginning and Intermediate Swimming. Students must pass the swimming test or course prior to admission to Internship.

### **II. Persons to whom these criteria apply:**

Students pursuing initial teaching certification at the Class B level must apply for admission to Professional Education and be screened according to the previously listed criteria.

## **■ Admission to the Professional Internship Program**

The professional internship course is a full-time assignment in an area public/private school or community agency. The internship involves orientation, teaching experience, professional school and community involvement and evaluation.

The student enrolls for nine credit hours and devotes a full semester to the internship.



Prior to the internship the student must submit an application approved by his or her advisor to the Certification Office. The final dates for submission of the internship application are as follows:

Fall semester internship . . . . .	March 30
Spring semester internship . . . . .	August 30
(There are no summer internships available.)	

**I. Requirements for admission to professional internship:**

**A. Prerequisite course work:**

- 1. A minimum of 100 hours completed, including the professional courses or their equivalents as determined by the student's advisor.
- 2. Students who are completing certification programs must meet all prerequisites and may enroll in professional internship during the last two semesters of the program.

**B. Scholarship:**

- 1. The student must have a minimum overall grade point average of 2.5 (on a 4.0 scale) on all course work on the program plan of study prior to admission to the professional internship.
- 2. The student must have a minimum grade point average of 2.5 (on a 4.0 scale) in his or her major teaching field with no grade less than a C accepted.
- 3. The student must have a minimum grade point average of 2.5 (on a 4.0 scale) in education courses with no grade less than a C accepted.

**C. Alabama Prospective Teacher Test (APTT):**

The student must pass three sections (reading for information, applied mathematics and writing) of the APTT prior to enrolling in professional internship.

**D. Praxis II - Content Knowledge Test:**

The student must pass the appropriate Praxis II test before beginning the internship.

**E. Additional considerations:**

- 1. Teaching is a specialized profession that requires the ability to relate effectively to others as well as demonstrate academic competence. Because of the special nature of this program, the faculty reserves the right to recommend to the department head and the dean the exclusion of students from the internship based on criteria other than scholarship.
- 2. After application for admission to the professional internship, the student's application file will be reviewed by the Certification Office, and the student will be notified of acceptance or denial. In the event of denial, the student may request an interview with the Committee for Admission to Professional Internship. The student may reapply for admission after deficiencies are met in lieu of or in addition to an interview.

3. Students may not enroll in additional courses during the professional internship. Requests for exceptions will be considered only in unusual cases.
4. Students majoring in Physical Education, Sport Leadership, Exercise Science, Sport Management must retake and pass the AUM health-related fitness test prior to admission to internship.

## **II. Internship requirements:**

- A. The student must complete the professional internship at AUM.
- B. Interns must be exposed to, and given experience in, all responsibilities of the classroom teacher.
- C. Interns must be responsible for planning, teaching and evaluating at least one major unit of work.
- D. The student will receive a letter grade in the internship. In the event the intern receives a letter 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 in the internship course.

## **III. Retention and completion requirements:**

To remain in the professional program, each student shall make satisfactory progress as determined by continuous evaluation according to institutional policies and procedures. The following minimum requirements shall be met to qualify for Class B certification:

- A. Satisfactory completion of a state-approved program with at least a 2.5 GPA (on a 4.0 point scale) on all work attempted and at least a 2.5 GPA with no grade less than a C accepted on all work attempted in the teaching field and in professional teacher education.
- B. Demonstrated readiness to teach through on-the-job performance as an intern as determined by use of the AUM Intern Evaluation form.
- C. Completion of the Teacher Education Program no later than four years after admission to the program. A student who does not complete the program within a four-year period may be reinstated, consistent with AUM policy.
- D. A passing score on a comprehensive examination.
- E. A passing score on the appropriate PRAXIS II Test.

## **IV. Persons to whom these criteria apply:**

The student pursuing initial teaching certification at the B level must apply for admission to professional internship and be screened according to the previously listed criteria.

## ■ Teacher Certification

Programs in the School of Education are approved by the Alabama Board of Education for certifying elementary, early childhood, special education, physical education and secondary teachers. A professional certificate will be issued by the Alabama Department of Education upon satisfactory completion of a prescribed course of study, successful completion of the test administered by the state Department of Education, and recommendation of the AUM certification officer. The student must apply through the School of Education Certification Office.

Alabama teacher certification applicants will be 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.

For detailed requirements for the professional certificate (Ranks B, A or AA), consult the Alabama Department of Education Certification document available in the department's Certification Office.

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

## ■ Transient Work

A student enrolled in the School of Education who wishes to take courses at another regionally accredited university may do so with permission. Approval may be granted if the student has completed at least 9 hours at AUM and has a 2.50 grade-point average. The School of Education will not accept professional studies courses taken at a junior/community college. This does NOT apply to subject specific content courses. Upper level professional studies course work (3000 and 4000 level courses) from other four-year institutions cannot be transferred

## ■ Reciprocity

Graduates of NCATE-accredited professional education programs are eligible to be granted reciprocity when applying for a license to work in the schools of some states. To determine if they qualify for this privilege, graduates of NCATE-accredited institutions should contact the state director of teacher education and certification in the state in which they are interested in teaching.

## ■ Student Affairs Committee

Students concerned about student evaluation, advising, recruitment, retention, student welfare and similar issues should contact the chairperson of the Student Affairs Committee of the School of Education as the initial step toward resolution.

## ■ Student Load

A normal semester load is 12 to 15 hours. Scheduling more than 18 hours requires written permission from the dean of the School of Education.

## ■ Programs in Education

### Art Education

The P-12 Art Education program helps prepare teacher candidates by guiding their passion for teaching visual art into a rewarding career as an art teacher in both elementary and secondary settings. The studio component of the program offers students a chance to concentrate on accumulating technical skills and promoting their own personal growth as artists.

### Childhood Education

The undergraduate Childhood Education Program at Auburn Montgomery prepares students for careers as classroom teachers in elementary or middle schools (grades K – 6), early childhood center directors, Head Start teachers, or early childhood center teachers. Coursework will be provided in all subject areas, along with extensive field experiences (approximately 300 hours) in settings with infants, toddlers, and elementary-aged children. Professional Internships are provided in two semesters, one in the AUM Early Childhood Center (200 hours) and the other in an Elementary/Middle School (600 hours). The Childhood Education program allows students to receive two levels of state certification, Early Childhood Education (grades P – 3) and Elementary Education (grades K – 6), which allows students to be more marketable upon graduation.

### Exercise Science

The exercise science program prepares candidates for a career or advanced study in exercise physiology and research in related fields including health promotion, cardiac rehabilitation, physical fitness, wellness and corporate fitness, human performance, and strength and conditioning. Students take classes in anatomy and physiology, kinesiology and biomechanics, measurement and evaluation, nutrition, the physiology and science of conditioning, and clinical exercise science. AUM's exercise science program is also an Educationally Recognized Program (ERP) by the National Strength and Conditioning Association (NSCA) at both the undergraduate and graduate levels. Pre-professional preparation can also be fulfilled for those seeking careers in physical and occupational therapy.

### Physical Education (P - 12)

The physical education /teacher certification program (P-12) prepares candidates to teach physical education in a (P-12) school setting. Students will take methods of teaching and professional core courses leading to internships in both elementary and secondary schools. The candidates must meet Auburn Montgomery and Alabama Department of Education teacher certification requirements. Prior to graduation the candidate must make a passing score on the PRAXIS II Exam.

**Secondary Education**

General studies, professional studies and the academic teaching major are the principal components of the secondary education programs. Each component is important in the preparation of teacher candidates.

The undergraduate programs in secondary education are designed to prepare middle school, junior and senior high school teachers (grades 6-12) with:

- 1. A general education program consisting of required courses and electives approved by the student’s academic advisor.
- 2. An academic major in one or more of the major instructional areas of the secondary school curriculum:

Art	Language Arts
Biology	Mathematics
General Science	Social Studies
History	

Note: Some secondary education majors will be assigned two academic advisors, one in the School of Education and another in the academic major.

Students will not only be expected to satisfy School of Education requirements for admission to professional education and professional internship, but also graduation requirements in each major.

**Special Education**

The undergraduate programs in Special Education at Auburn Montgomery lead to teacher certification in the areas of Early Childhood Special Education, Collaborative Teacher (K-6)/Elementary Education, and Collaborative Teacher (6-12). Candidates seeking degrees in these areas will be prepared to provide special education services to infants, toddlers, children, and youth with disabilities. Candidates in the area of Early Childhood Special Education will hold credentials to work both in Early Intervention as well as Preschool Special Education. Candidates seeking a degree in Collaborative Teacher (K-6) and Elementary Education will receive dual teacher certification in special education and elementary education.

The program area of Collaborative Teacher 6-12 provides the candidate with the skills necessary to provide special education services in the secondary school environment. Each program of study culminates with a one semester internship in a school setting where the candidate has the opportunity to demonstrate abilities and skills as professional educators.

**Sport Leadership**

The undergraduate Sport Leadership program at Auburn Montgomery prepares students for careers in sport, community health, and/or recreation. The multidisciplinary approach provides students with coursework from diverse content areas,

including sport management, physical education, and exercise science. Courses include those in sport finance, sport marketing, kinesiology, nutrition, and psychology of coaching. Throughout the program, the instructors attempt to expose students to many career paths, including those students may not have considered. A rigorous, 400-hour internship in a sport-related or health setting is required. The ultimate goal of the Sport Leadership program is to produce well-rounded graduates who can effectively communicate, collaborate, and think critically in the sport/health industry.

## **Sport Management**

The undergraduate sport management program at Auburn Montgomery will assist students in preparing for sport related careers. A combination of sport related coursework and business class work will develop the knowledge and skills necessary to enter the sport industry. Instructors will assist students in exploring and determining potential career paths. Courses will focus on the uniqueness of sport in areas such as marketing, facility management, risk management and legal issues, leadership, ethics, etc. An internship is required.

# School of Liberal Arts

Dr. Michael Burger, Dean

Communication	Communication Speech-Language Pathology and Audiology Theatre
English	
Fine Arts	Visual Art Studio Art Graphic Design
History	
International Studies	Francophone Studies German Studies Hispanic Studies International Trade
Liberal Arts	
Pre-social Work	
Sociology	General Sociology Marriage and Family Anthropology

Spanish (Shared Program with Auburn University)  
Geographic Information Systems (Certificate)

## ■ School of Liberal Arts

Nearly all educated men and women would agree that the graduates of a school of liberal arts, whatever their specializations, should know enough about their world to live, in humanistic terms, to the fullest of their potential as intellectual, social and ethical beings. Therefore, these graduates should have encountered ideas and values that are part of their culture and against which they will measure experiential reality. It is commonplace that educated men and women should know something about the foundations of their culture; should overcome geographical provincialism through a knowledge of cultures other than their own; should be conversant with the best that has been thought and said in Western culture in order to formulate their own philosophical constructs; should be able to express themselves clearly in their own language, both in speech and in writing; should be familiar with basic scientific and analytical methods as they are specifically applied to the disciplines of mathematics and the natural and physical sciences; and should cultivate a knowledge and appreciation of aesthetics through exposure to the fine arts.

The liberal arts requirements at AUM reflect these assumptions about the

fundamentals of education and are designed to offer a plan of study that will ensure the student's exposure to many of the academic disciplines which provide a basic context for the liberally educated person.

## ■ Majors

A student who is undecided about his or her major will be classified as undeclared and will be advised by the School of Liberal Arts. Undeclared majors must choose a major by the completion of 41 semester hours of credit. The following are majors in the School of Liberal Arts:

**Bachelor of Liberal Arts**

**Communication**

**English**

**Fine Arts**

**History**

**Sociology**

**International Studies**

Several of the above majors include well-developed courses of study, termed "options," "concentrations," or "emphases." Students should consult the list above, at the start of the School of Liberal Arts' entry in this Catalog.

In all curricula within the School of Liberal Arts, the major consists of a minimum of 33 hours (see departmental requirements), a minor of at least 12 hours and, in addition to the requirements of the university Liberal Arts Education Program, sufficient electives to ensure the completion of a minimum of 120 semester hours of course work. All degree programs in the School of Liberal Arts require a minimum of 120 hours for completion.

## **Special Requirements for Majors**

The university requires students to complete all courses identified in the major field of study with a cumulative GPA of at least 2.0 (C) and a grade of C or higher in each of the required university English composition courses. Since each department in the School of Liberal Arts has specific requirements for its majors and since these requirements will vary significantly from one department to another, it is imperative that students consult their advisors in the department of their major field of study early in their college career and on a regular basis thereafter. After a student has designated a particular area as a major field of study, he or she will be assigned an advisor in the appropriate department. This advisor is responsible for working with the student to ensure his or her program meets departmental requirements. It is, however, the responsibility of all students to meet with their advisors on a regular basis and to fulfill all requirements for the degree.



## ■ Minors

All majors in the School of Liberal Arts must complete a minor consisting of at least 12 hours, as defined by the department or school offering the minor. Courses used for the minor must be in addition to all other curriculum requirements.

## ■ English Composition Placement

Students are placed in English composition courses based on an ACT English subscore, an SAT verbal score, or an English Placement Test score. If you score 18 or higher on the English portion of the ACT (taken within the past three years), 450 or higher on the critical reading portion of the SAT (taken within the past three years), or 35 on the English Placement Test, you are placed in English Composition I. If you score below those levels, you are placed in Basic English and its lab component.

English Placement Testing takes approximately thirty minutes. You may not be admitted to the test if you arrive late. There is no charge for taking this placement test. For more information, email [composition@aum.edu](mailto:composition@aum.edu) or call the Senior Assistant for the Composition Program at (334) 244-3384.

## ■ Advanced Placement

Both the disciplines of English and foreign languages have advanced placement programs. Advanced placement credit in English Composition I is available to students with appropriate scores on the College Board Advanced Placement Examination in English. For information about advanced placement in English, consult the chair of the Department of English and Philosophy or the director of English composition.

Students with written proficiency in French or Spanish who begin with an advanced foreign language class may, upon its completion with an appropriate grade, apply for a maximum of 16 semester hours of ungraded institutional credit for the bypassed courses. Proficiency in other languages (and hours credit up to 16 semester hours) may also be established in accordance with the School of Liberal Arts advanced credit/credit in passing procedure. For information about advanced placement in a foreign language, consult the director of International Studies.

## ■ Liberal Arts Departments and Departmental Requirements

### Department of Communication and Dramatic Arts

The Department of Communication and Dramatic Arts includes three disciplines: communication, speech-language pathology and audiology, and theatre, each of which is an option in the communication degree. The major premise of this department is that the study of these disciplines is not an isolated activity. The

areas combine to provide a valuable body of knowledge dealing with the art and science of human communication. Under a major-minor option in communication, the student may elect to complete the option in one of the three communication disciplines and then take a 12-hour minor in a communication and dramatic arts discipline not selected as the option. Each student majoring in one of the three communication disciplines must complete at least 12 hours of the courses required within that discipline while in residence at AUM. Grades below C in the student's major are not acceptable for graduation.

Theatre AUM

Theatre AUM provides the training in practical theatre production that clarifies the principles taught in the classroom. It gives the student an opportunity to test ideas and theories about the practical application of theatre arts. Visit [www.aum.edu/theatreaum](http://www.aum.edu/theatreaum) for more information.

Speech and Hearing Clinic

Operated by the Department of Communication and Dramatic Arts, the AUM Speech and Hearing Clinic is a comprehensive facility serving central Alabama. The clinic provides complete diagnostic and therapeutic services for children and adults with speech/hearing problems. The Speech and Hearing Clinic benefits students in speech-language pathology and audiology by offering supervised clinical practicum hours working with individuals having various types of communication disorders.

Communication Laboratories

The communication laboratories are designed to complement the classroom study of journalism, broadcasting, and public relations.

■ Requirements for the Major

A student electing to major in the department must satisfy the following requirements:

I. AUM Core Curriculum Requirements	Semester Hours
Area I. Written Communication	
English Composition (ENGL 1010 and ENGL 1020) <sup>1</sup>	
Area II. Humanities and Fine Arts	
Literature <sup>2</sup> .....	6
Fine Arts <sup>3</sup> .....	6
Area III. Natural Sciences and Mathematics	
Physical Science and Biological Science <sup>4</sup> .....	8
Mathematics <sup>5</sup> .....	3
Area IV. History, Social Sciences and Behavioral Sciences	
World History (HIST 1010 and HIST 1020) .....	6
Social Sciences <sup>6</sup> .....	6
Total Hours .....	41

<sup>1</sup> See section on Testing for English Placement Testing.

- <sup>2</sup> *The courses that will meet this requirement are ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600 and ENGL 2610.*
- <sup>3</sup> *The course must be in art history or appreciation, music appreciation, or theatre appreciation and selected from the following: VISU 1000, VISU 2030, VISU 2040, MUSI 2110, THEA 2040.*
- <sup>4</sup> *Both courses must include laboratory experiences. One must be in the physical sciences and one in the biological sciences.*
- <sup>5</sup> *Students may need to complete placement testing before registering for mathematics courses.*
- <sup>6</sup> *Students must select two courses from the following: ANTH 2110, GEOG 2050, GEOG 2150, HIST 2010, HIST 2020, POLS 2020, PSYC 2110, SOCI 2000, and SOCI 2010.*

**II. Departmental Liberal Education Requirements Semester Hours**

Communication (COMM 1010 or COMM 2212) <sup>1</sup> .....	3
Foreign Language/Options (8 hours in one foreign language or research methodology, selected in consultation with advisor; foreign language required for communication and theatre emphases) .....	8
Computer Literacy <sup>2</sup> .....	3
Social Science (Option 3 only) .....	3
Total Hours .....	11 <sup>3</sup> -17 <sup>4</sup>

- <sup>1</sup>*COMM 2212 required for Communication*
- <sup>2</sup>*Options 2 and 3*
- <sup>3</sup>*Option 1*
- <sup>4</sup>*Options 2 and 3*

**III. Major Requirements**

Option 1: Communication Major with an Emphasis in Speech-Language Pathology and Audiology

Selection for admission into the Speech-Language Pathology and Audiology Program is based on the student’s previous academic performance on courses approved by the State Articulation General Studies Committee for the State of Alabama Core Curriculum coursework. Any applicant who is not first a student at AUM must apply to the University. Upon acceptance to the University, students may then apply for admission to the Speech-Language Pathology and Audiology Program.

Students must submit an application no later than **June 1st** to begin in the fall semester and no later than **March 1st** to begin in the summer semester. All materials in the application must arrive by the designated deadline. Applications will only be reviewed and considered if all materials are included. For the application, students must provide a completed and signed Application for Admission to the Speech-Language Pathology and Audiology Program, a copy of transcripts from all colleges and universities attended, and one letter of reference, which should originate from an academic source. Advising transcripts are acceptable for the application and the letter of reference must be completed by individuals who are not related to the applicant.

Transfer students must also submit evidence of acceptance to AUM. Applicants must also submit a sample of student writing which should address the question of why the student would like to study speech-language pathology and audiology to become a practicing clinician and where he/she would like to be academically or vocationally in five years.

Students may apply for admission before all core curriculum and other requirements are completed, but may not enter the program until 45 of the 61 credit hours are finished. Students must have a 2.5 (on a 4.0 scale) cumulative grade point average (GPA) to apply to the Speech-Language Pathology and Audiology Program. A GPA of 2.5 does not guarantee acceptance. The number of students who can be admitted to the program will be determined each semester based on the availability of clinical faculty resources. All applicants must meet the health, communication, and academic requirements which are outlined under Requirements for Students. Accepted students will be notified in writing of admission and will be required to make an advising appointment in order to register for classes. All students will be given a plan of study upon the first advising appointment. Students are expected to purchase a copy of the AUM Speech-Language Pathology and Audiology Student Handbook, which is not to supersede the AUM Student Handbook, and the most current copy of the Publication Manual of the American Psychological Association (APA manual) prior to the beginning of the first day of class.

Due to the nature of the profession, students must possess the ability to perform the skills and duties of a speech-language pathologist or audiologist. Students graduating from the Speech-Language Pathology and Audiology Program will have developed the following abilities in each area:

**Audiology:**

1. Conduct a pure tone sweep check audiometric screening according to the procedures recommended by the American Speech and Hearing Association (ASHA).
2. Conduct a pure tone air conduction audiometric test and screening audiometry using standard methods and procedures.
3. Interpret an audiogram
4. Appropriately refer patients with questionable or abnormal audiometric findings to other professionals for follow-up services.

**Speech-Language Pathology:**

1. Use both quantitative and qualitative evaluation procedures.
2. Recognize client's strengths and weaknesses.
3. Develop goals and procedures which reflect the client's level of functioning.
4. Demonstrate the ability to change therapy goals based on client's performance.
5. Discriminate between correct and incorrect production of target responses.

6. Establish a reinforcement schedule.
7. Collect data and use the information to determine efficacy of treatment.
8. Counsel the client or family members of the client.
9. Write professional reports which indicate evaluation results or therapy progress.

Students will be required to sign a Division Requirement Agreement Form, which states they must meet these requirements throughout the course of the program. Students unable to meet these criteria must withdraw from the division until they can meet them.

### **Health Requirements:**

1. Adequate vision such as that required to observe communication behavior, conduct speech, language and hearing assessment, and complete speech, language and hearing forms and reports.
2. Adequate hearing such as that required for independent communication in professional interactions (i.e., conduct speech, language and hearing evaluations and treatment, to provide education about these disorders and to interact appropriately in the classroom environment).
3. The student is required to provide evidence of a physical examination, which states that the student is free of communicable disease and is in good health overall, that is dated within one semester of entering the Program.
4. The student must be able to lift 35 pounds.

### **Communication Requirements:**

1. The student must demonstrate proficiency in reading and writing standard American English as indicated by the following:
  - A. The student must have a grade point of 2.0 (on a 4.0 scale) or higher in ENGL 1010 and 1020 or its equivalent, along with ENGL 2530, 2570 or 2600 or its equivalent.
  - B. The student must have a grade point of 2.0 (on a 4.0 scale) or higher in COMM 1010 or its equivalent.
  - C. The student must pass the speech and hearing screening examinations administered by the Speech and Hearing Clinic personnel. In the event these examinations reveal any deficiency, recommendations for remediation procedures will be communicated to the student. These recommendations may include speech therapy or referral to a physician.

### **Academic Requirements:**

1. The student must have completed a minimum of 45 of the 61 hours required in the Alabama State Core.
2. The student must have a minimum cumulative grade point average of 2.5 (on a 4.0 scale) on all work taken prior to admission to the

Speech-Language Pathology and Audiology Program and have made normal progress toward degree completion as stated in the AUM Catalog.

3. The student must be in good standing at Auburn University at Montgomery or other regionally accredited institution.
4. The major and concentration coursework in this curriculum must be successfully completed within 12 semesters.
5. Any course grade below C in the student's major is unacceptable for graduation and must be repeated.
6. Students who receive a D or F in any speech-language pathology and audiology course at AUM have one opportunity to repeat that course and the course must be repeated at AUM. Students who receive a D or F in any two speech-language pathology and audiology courses at AUM may not continue in the program unless one of the following exceptions applies:
  - A. The student provides the head of the Department of Communication and Dramatic Arts with a statement and supporting documentation indicating that the grades of D or F were the result of a medical problem or other nonrecurring event or condition.
  - B. The student provides a signed statement describing the reason(s) for grades of D or F to the head of the Department of Communication and Dramatic Arts. In addition, the student must obtain approval from the head of the Department of Communication and Dramatic Arts and provide a written action plan for improving future performance. Students who receive one more D or F in any speech-language pathology or audiology course at AUM may not continue in the program.

### **General Requirements:**

Students in the Auburn University Montgomery Speech-Language Pathology and Audiology Program must earn a grade of C or higher in each course both within the major and the concentration coursework in order to progress in the program. In addition, students who receive a D or F in any speech-language pathology and audiology course at AUM have one opportunity to repeat that course and the course must be repeated at AUM. Students who receive a D or F in any two speech-language pathology and audiology courses at AUM may not continue in the program unless one of the exceptions noted above in Academic Requirements applies. Students in the Speech-Language Pathology and Audiology Program must also meet the health, communication, and academic requirements, outlined above. In addition, students must complete, at a minimum, five Writing Across the Curriculum (WAC) courses prior to graduation. These courses will include (but are not limited to) English Composition I and II (ENGL 1010 and 1020), one swing course, and three within the major [Fluency Disorders (COMM 4580),

Writing for Speech Language Pathology and Audiology (COMM 4610) and Aural Rehabilitation (COMM 4620)] .

A. Coursework in Lower Program

See Core Curriculum on p. 44. *Students in Option 1 must take Chemistry with lab and Biology with lab (Area III)*

B. These requirements replace departmental Liberal Education requirements above:

Communication (COMM 1010) .....	3
Research Sequence (PSYC 2193 and 3193) .....	8

C. Coursework in Upper Program

Major Requirements

COMM 3400 The Speech and Hearing Mechanism .....	3
COMM 3500 Introduction to Speech-Language Pathology and Audiology ...	3
COMM 4410 Phonetics	3
COMM 4500 Methods and Procedure.....	3
COMM 4510 Articulation and Phonological Development and Disorders...	3
COMM 4520 Voice Disorders and Craniofacial Anomalies .....	3
COMM 4530 Language Development and Disorders .....	3
COMM 4543 Diagnosis and Clinical Management in Speech Pathology.....	3
COMM 4560 Speech and Hearing Science.....	3
COMM 4570 Neurophysiological Aspects .....	3
COMM 4580 Fluency Disorders (WI) .....	4
COMM 4600 Introduction to Audiology.....	3
COMM 4601 Clinical Practicum I in Audiology .....	1
COMM 4610 Writing for Speech Language Pathology and Audiology (WI)..	4
COMM 4620 Aural Rehabilitation, Habilitation, and Hearing Conservation (WI) .....	4
COMM 4621 Clinical Practicum II in Audiology.....	1
COMM 4911 Observations in Speech Pathology.....	1
COMM 4912 Clinical Procedures in Speech .....	3

Total Hours .....	51
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D. Concentration Requirements

Electives <sup>1, 2</sup> .....	12
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Total Minimum Requirements .....	124
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(WI) denotes a writing-intensive course

<sup>1</sup>To meet this requirement, students must select four courses from the following:  
ANTH 3740, BIOL 2100/2101, BIOL 2110/2110, BIOL 2200, BIOL 2410, BIOL 3160, BIOL 3303, BIOL 4103, COMM 4903, COMM 3203, COMM 3213, ECHE 3100, ECHE 3200, FNDS 3760, FNDS 4050, FNDS 4400,

FNDS 4500, FNDS 4600, FSE 2120, FSE 2140, FSE 4703, GERO 4400, GERO 4500, GERO 4700, GERO 4800, PSYC 2120, PSYC 3123, PSYC 3280, PSYC 3450, PSYC 3510, PSYC 3520, PSYC 3660, PSYC 3780, PSYC 4330, PSYC 4340, PSYC 4350, PSYC 4623, SCED 4000, SOCI 2010, SOCI 3250, 4300, SOCI 4400, SOCI 4450, SOCI 4500, SOCI 4700 or courses the advisor deems appropriate.

<sup>2</sup>The following courses are recommended electives for Speech Pathology and Audiology students who wish to pursue a minor in Psychology: PSYC 2110, PSYC 3123, PSYC 3280, PSYC 3450, PSYC 3510, PSYC 3520, PSYC 3660, PSYC 3780, PSYC 4330, PSYC 4340, PSYC 4350. Any combination of 18 credit hours from the above list will meet the requirements to earn a Psychology minor.

### Option 2: Communication Major with an Emphasis in Communication

This program provides an option within the Department of Communication and Dramatic Arts for students interested in the theories and skills involved in mass communication (journalism, broadcasting, and public relations). Students must elect the journalism track or public relations track.

<b>A. Required of All Students</b>	<b>Semester Hours</b>
COMM 1000 Cornerstone of Communication .....	3
COMM 2100 Media and Culture.....	3
COMM 2703 Media Writing I.....	3
COMM 2743 Media Writing II.....	3
COMM 4820 Media Law and Ethics .....	3
COMM 4130 Research Methods.....	4
<b>B. Journalism track required courses:</b>	
COMM 2783 Broadcast Journalism .....	3
COMM 3743 Advanced Media Writing .....	3
COMM 3760 Video Production .....	3
<b>C. Public Relations track required courses:</b>	
COMM 3800 Public Relations I.....	3
COMM 3843 Writing for Public Relations.....	3
COMM 4800 Public Relations II.....	3
Communication Electives .....	19
<b>Total Hours .....</b>	<b>47</b>

### Option 3: Communication Major with an Emphasis in Theatre

<b>A. Requirements</b>	<b>Semester Hours</b>
THEA 2040 Theatre Appreciation .....	3



THEA 2103, THEA 2113 and/or THEA 2123  
    Introduction to Technical Theatre..... 6  
THEA 3413 Acting..... 3  
THEA 3613 Scene Design..... 3  
THEA 4310 and THEA 4320 Theatre History..... 8  
Theatre Electives.....12  
THEA 2914 Theatre Practicum..... 4  
ENGL 3050 Advanced Expository Writing..... 3  
ENGL 4080 Literary Criticism ..... 3  
ENGL Drama Course ..... 3  
Total Hours ..... 48

IV. Minor Requirements (required for options 2 and 3)  
    Total Hours.....12

V. Electives  
    Option 1: Speech-Language Pathology and Audiology ..... 9  
    Option 2: Mass Communication ..... 9  
    Option 3: Theatre..... 9

Total Minimum Requirements..... 21-124

**Minor in Theatre**

A broad minor focusing on theatre production, performance, and history. Courses used for the minor must be in addition to all other curriculum requirements.

Students must complete twelve hours of courses from the following:

THEA 2040 Theatre Appreciation (if not used to fulfill a core requirement) ..... 3  
THEA 2103 Stagecraft ..... 3  
THEA 2113 Stage Lighting..... 3  
THEA 2123 Costume Construction ..... 3  
THEA 3413 Fundamentals of Acting..... 3  
THEA 3423 Intermediate Acting..... 3  
THEA 3433 Voice for the Actor ..... 3  
THEA 3443 Stage Movement ..... 3  
THEA 3453 Directing ..... 3  
THEA 3463 Stage Management..... 3  
THEA 3593 Makeup Design..... 3  
THEA 3603 Scene Painting ..... 3  
THEA 3613 Scene Design ..... 3  
THEA 3623 Rendering ..... 3  
THEA 3633 Costume Design ..... 3  
THEA 3713 Theatre Administration ..... 3  
THEA 4013 Playwriting..... 3  
THEA 4310 Dramatic Literature and Theatre History I (WI) ..... 4

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THEA 4320 Dramatic Literature and Theatre History II (WI) .....	4
Special topics theatre, studies in drama, and independent studies in theatre as offered .....	3

(WI) denotes a writing-intensive course

### Bachelor of Liberal Arts Degree

The B.L.A. degree primarily serves the needs of students seeking an alternative to the traditional program of disciplinary majors and minors and also those who may have acquired academic credits in diverse curricula from other institutions or from military service schools.

The B.L.A. requires the same quality of academic endeavor as any other baccalaureate degree awarded by the university. The principal difference between this program and other baccalaureate programs is the absence of a disciplinary major and the uniqueness of the combined methods of study. Applicants should meet the same general requirements for admission to the university as other degree-seeking applicants.

The B.L.A. degree program is based on a curriculum of interdisciplinary, or liberal, studies that is divided into four study areas: social sciences, natural sciences/mathematics, humanities and complementary area studies.

No more than 30 semester hours of courses offered by the School of Business may be counted toward satisfying the requirements for the Bachelor of Liberal Arts degree.

Curriculum Requirements	Semester Hours
Area I. Written Composition (ENGL 1010 and ENGL 1020) .....	6
Area II. Humanities and Fine Arts <sup>1,2,3,4</sup> .....	12
Area III. Natural Sciences and Mathematics <sup>5,6</sup> .....	11
Area IV. History, Social Sciences and Behavioral Sciences <sup>7,8</sup> .....	12
Area V. Departmental Liberal Education Requirements <sup>9</sup> .....	11
Computer Literacy .....	3
Foreign Language .....	8
Total Hours .....	52

<sup>1</sup> VISU 1000, VISU 2030, VISU 2040, MUSI 2110, THEA 2040 or other state-approved fine arts course.

<sup>2</sup> ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600, ENGL 2610 or other state-approved literature course.

<sup>3</sup> COMM 1010 or COMM 2212 (required for B.L.A. degree students), ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600, ENGL 2610, FREN series, GERM series, SPAN series, VISU 1000, VISU 2030, VISU 2040, MUSI 2110, THEA 2040, PHIL 2000, PHIL 2010, PHIL 2100 or other state-approved humanities and fine arts courses.

<sup>4</sup> A two-course sequence of literature (see footnote 2) or history (see

*footnote 7) must be taken.*

<sup>5</sup> MATH 1100, MATH 1120, MATH 1150, MATH 1610, MATH 1620, MATH 2630, MATH 2660 or other state-approved mathematics courses.

<sup>6</sup> BIOL 1010/1011, BIOL 1020/1021, CHEM 1100/1101, CHEM 1200/1201, PSCI 1100/1101, PSCI 1200/1201, PSCI 1400/1401, PSCI 1500/1501, PHYS 2100/2101, PHYS 2200/2201 or other state-approved science course.

<sup>7</sup> HIST 1010, HIST 1020, HIST 1060, HIST 1070, HIST 2010, HIST 2020 or other state-approved history course.

<sup>8</sup> ANTH 2110, ECON 2010, ECON 2020, GEOG 2050, GEOG 2150, HIST 1010, HIST 1020, HIST 2010, HIST 2020, POLS 2020, PSYC 2110, SOCI 2000, SOCI 2010 or other state-approved social science course.

<sup>9</sup> FREN, GERM or SPAN 1010/1020 series with labs; computer literacy course.

The remaining curriculum is divided into four parts, with the various fields clustered within these areas as follows:

Humanities: includes fine arts, philosophy, history, foreign languages, literature, theatre and specified areas in communication and international studies (see advisor for applicable COMM and INTL courses). A minimum of 9 hours of 3000 and/or 4000 level courses is required in this area.

Natural Sciences/Mathematics: includes physical sciences, biological sciences, earth sciences and mathematics.

Social/Behavioral Sciences: includes anthropology, government, psychology, geography, sociology, economics and specified areas in communication and international studies (see advisor for applicable COMM and INTL courses). A minimum of 9 hours of 3000 and/or 4000 level courses is required in this area.

Complementary Areas: allows for a wide diversity of courses in areas excluded by, but complementary to, the above three categories such as business and education. Students are limited to a maximum of 30 hours of business courses.

Systematic advising is an integral part of the candidate's experience under the B.L.A. program. The student is expected to consult with his or her advisor every semester prior to registering for courses. Each program, which includes the balance and distribution of courses within the four designated areas, is subject to an advisor's approval.

A minimum of 38 hours of the student's course work is to be at the 3000 level or above and at least 18 hours of credit in advanced courses must be in the humanities and the social sciences. Therefore, the B.L.A. student should ensure that he or she has sufficient prerequisites in several areas to be eligible for advanced work.

Also, a minimum 2.00 GPA must be attained in all 3000 level or above courses applied to the B.L.A. degree. To meet the University's requirement of five Writing Intensive ("WI") courses, B.L.A. students must complete ENGL 1010; ENGL 1020; a "swing" WI course offered in the core curriculum or as an elective; and two "content" (four hour) Writing Intensive 3000 level or higher humanities or social science courses.

The minimum number of hours required for graduation is 124.

Any student who transfers from another AUM curriculum or from another institution to the B.L.A. curriculum must be enrolled in the B.L.A. program for at least two semesters (for an accumulated 27 hours credit) for graduation. However, a student must still meet the university's minimum residence requirement of 30 semester hours for a baccalaureate degree.

## Pre-Professional Opportunities

Students pursuing a pre-professional curriculum who want a bachelor's degree from AUM should consult the appropriate advisor before the end of the sophomore year to arrange a degree program.

### Pre-Law (also designated in the School of Sciences)

Students planning to attend law school must first obtain a bachelor's degree in any major in this catalog. They are encouraged to major in one of the disciplines the American Bar Association recommends as inculcating a broad cultural background, habits of intellectual curiosity and scholarship, the ability to organize materials and communicate the results and verbal skills. A survey of Bench and Bar lists these courses in order of preference: English language and literature, political science, economics, American history, mathematics, English history, Latin, logic and scientific methods and philosophy.

Most law schools do not prescribe any particular curriculum of pre-law study but normally require as a condition for admission that the applicant has successfully completed the following undergraduate work or its equivalent:

English Composition (ENGL 1010 and ENGL 1020) .....	6
English or American Literature (ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580) .....	6
American History (HIST 2010 and HIST 2020) .....	6
Political Science (POLS 2020 and POLS 2030) .....	6
Principles of Economics (ECON 2010 and ECON 2020) .....	6

Additional recommended courses are English language and literature, mathematics, English history, philosophy (especially logic), psychology, sociology, foreign languages, justice and public safety, accounting, computer science and public speaking. Since other requirements must be met, completion of these courses does not ensure admission.

Interested students should consult the pre-law advisor in the School of Liberal Arts, preferably no later than their junior year, and should examine the requirements of the specific law school they wish to attend to identify the needed curriculum.

■ Department of English and Philosophy

The Department of English and Philosophy offers courses in the separate disciplines of English and philosophy.

The English program, leading to a Bachelor of Arts degree in English, is designed to meet the needs of those who want to develop critical skills in reading, writing and thinking as well as a knowledge of the history of ideas through literature; those desiring a firm undergraduate foundation preparatory to graduate studies in English and related fields; those wishing to prepare for careers that require verbal and analytical skills, such as law; and those who value education as intellectual and aesthetic enrichment.

Although the department does not offer a degree program in philosophy, students may fulfill their minor requirement in this area.

The requirements for a degree in English are as follows:

I. AUM Core Curriculum Requirements	Semester
Hours	
Area I. Written Composition (ENGL 1010 and ENGL 1020).....	6
Area II. Humanities and Fine Arts .....	12
Literature Survey Sequence.....	6
Area II Fine Arts .....	3
Area II Elective .....	3
Area III. Natural Sciences and Mathematics .....	11
Area III Science with Laboratory .....	8
Area III Mathematics.....	3
Area IV. History, Social Sciences and Behavioral Sciences .....	12
World History I .....	3
World History II .....	3
Area IV Electives.....	6
Total Hours .....	41
II. Additional Requirements	
English as a Field of Study .....	3
One year of a foreign language .....	8
History .....	3
Philosophy or Fine Arts (appreciation or history) .....	3
Philosophy <sup>1</sup> .....	3

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Communication (COMM 1010 or COMM 2212)	3
Total Hours	23

III. English Major Requirements

Literature Survey or 3000/4000-level English Electives <sup>2,3</sup>	9
3000/4000-level English Electives <sup>2,3</sup>	18
ENGL 3150, ENGL 4260 or ENGL 4270 <sup>4</sup>	3
ENGL 4050, ENGL 4060 or ENGL 4070	3
ENGL 4080	3
Total Hours	36

<sup>1</sup> These requirements must be met either in the core or in addition to those courses. Substitute courses must be in English or philosophy or approved by an academic advisor.

<sup>2</sup> Students must complete at least four 3000/4000-level courses in historical periods prior to the 20th century.

<sup>3</sup> Students may take one foreign-literature-in-translation course (see INTL course listings) as part of their English electives.

<sup>4</sup> ENGL 3150 may not count for any other requirement.

IV. Minor Requirements.....12

(Note: English majors wishing to minor in a foreign language may fulfill their minor requirement with two four-hour courses at the second-year level of foreign language study and an appropriate literature-in-translation course.)

V. Electives	9
Total Required Hours	121

Minor in English Language and Literature

The minor in English Language and Literature consists of 13–15 credit hours in English courses at the 3000 and 4000 level, with the following exceptions: ENGL 3004, 3005, 3012, 3030, 3050, 3060, 4060, 4090, 4924, 4962, 4972, and 4973.

Minor in Writing and Editing

The minor in Writing and Editing consists of 13–18 credit hours in five English writing and editing classes, to be chosen from the following menu:

ENGL 3030 Technical Writing	3
ENGL 3050 Advanced Expository Writing	3
ENGL 3060 Business and Professional Writing	3
ENGL 4060 Rhetoric and Style	3
ENGL 4090 Writing across the Curriculum	3

ENGL 4924 Internship in Writing and Editing ..... 1-6

ENGL 4973 Editing and Editors..... 3

**Minor in Philosophy**

The minor in Philosophy consists of 15 credit hours in philosophy, to be chosen from the following menu:

PHIL 2000 Reasoning and Critical Thinking..... 3

PHIL 2030 Logic ..... 3

PHIL 2100 Applied Ethics..... 3

PHIL 3002 Studies in Philosophy ..... 3

PHIL 3200 Philosophy of Religion ..... 3

PHIL 3310 Ancient Philosophy..... 3

PHIL 3320 Medieval Philosophy ..... 3

PHIL 3330 Modern Philosophy ..... 3

PHIL 3340 Twentieth-Century Philosophy..... 3

PHIL 3700 Symbolic Logic..... 3

**■ Department of Fine Arts**

The Department of Fine Arts includes the disciplines of art and music, offering courses of study in visual art, studio art and graphic design, and a broad variety of minors in art and music. The art and music curricula, through teaching the traditional principles, methods and techniques, will provide a sound foundation upon which specialized pursuits in the field of art may be built. Inherent in this process is the aim of increasing the students’ knowledge and enjoyment of art and music. But a further objective is to stimulate the students’ awareness of their own reality and to help them develop the tools with which to express that reality in visual or musical terms.

**Art and Graphic Design**

In visual arts, the foundation curriculum provides the traditional principles, methods, techniques and art historical background upon which specialized pursuits in the field of art are built. The concentration curriculum, usually taken during the junior and senior years, emphasizes personal expression and specialization. Students are prepared to become practicing artists, graphic designers or candidates for graduate programs.

The B.A. in Fine Arts may be earned by one of two options. The first option is the traditional course of study in art (Visual Art), which supports training in the visual arts with a strong liberal arts component. This program provides comprehensive exposure to the many creative possibilities in the visual arts while providing a meaningful general education in liberal arts and science.

The second option is the emphasis, which consists of specialized areas in studio or graphic design. The emphasis programs devote approximately half of the course

work required for the B.A. degree to painting, printmaking, sculpture, ceramics or graphic design. The curriculum provides intensive studio course work and experience for students preparing for careers in art-related disciplines. Students must have attained at least a 3.0 GPA after completion of the foundation curriculum in order to proceed to the concentration curriculum. Students whose GPAs do not meet this criterion may complete their B.A. degree requirements in the visual art curriculum.

## **Pre-Architecture, Building Science and Industrial Design Students**

The College of Architecture, Design and Construction at Auburn University has arranged with the Department of Fine Arts at AUM to advise prospective transfer students. One year of credit toward the Auburn University degree may be earned at AUM if the appropriate courses are taken. See the head of the AUM Department of Fine Arts for specifics.

Pre-Architecture students are encouraged to apply for admission to the AU College of Architecture as early as possible and, if accepted during their tenure at AUM, to apply for admission to the Summer Design Program at Auburn University to complete the design sequence (ARCH 1010, ARCH 1020). Acceptance of transfer students into the Auburn University degree programs is not automatic, and there is considerable competition for the limited number of openings. Enrollment for the fall semester is normally closed by the preceding February. For more detailed information, write or phone the academic advisor, College of Architecture, Design and Construction, Auburn University, AL 36849; 334-844-5350.

## **Non-Matriculating Students**

The Department of Fine Arts welcomes prospective students from the area who may wish to take course work but not pursue a degree. Because of the limited space and resources of our studio programs, however, it is required that such students plan to take whatever studio courses they wish for credit rather than audit. Only lecture courses in art and music may be taken for audit. See the Office of the Registrar for further information.

## **Transfer Credit**

Only courses listed as Foundation courses in the options shown below can be considered for transfer credit. Transfer students who intend to pursue emphases in studio art or graphic design should submit a portfolio of their work to the department. Decisions concerning transfer credit are made by the student's advisor in consultation with the department head. Transfer students with an inadequate portfolio may be required to register for VISU 2002, Portfolio Review, within one year of admittance.

## **Visual Art**

The Art curriculum focuses on art in the context of a broad program of general studies.



**B.A. in Fine Arts (Visual Art)**

I. AUM Core Curriculum Requirements Semester Hours	
Area I. Written Composition (ENGL 1010 and ENGL 1020).....	6
Area II. Humanities and Fine Arts .....	12
Literature (3 semester hours, minimum) <sup>1</sup>	
Fine Arts (3 semester hours, minimum)	
Humanities and Fine Arts Elective <sup>2</sup>	
Area III. Natural Sciences and Mathematics .....	11
Natural Sciences (8 semester hours, minimum)	
Mathematics (3 semester hours)	
Area IV. History, Social and Behavioral Sciences.....	12
History (3 semester hours, minimum) <sup>2</sup>	
History, Social Science and Behavioral Science Electives	
Total Hours .....	41
<sup>1</sup> A sequence of literature or history is required.	
<sup>2</sup> Fine Arts students are required to take COMM 1010 Introduction to Human Communication, either as a humanities requirement or as an elective.	
II. Foundation	
VISU 1102 2-D Design and VISU 1132 3-D Design .....	6
VISU 1112 Drawing 1 and VISU 1122 Drawing 2.....	6
VISU 2030 Art History 1 and VISU 2040 Art History 2 .....	6
VISU 2212 Painting 1 .....	3
VISU 2312 Sculpture 1 .....	3
VISU 2502 Printmaking 1 .....	2
Total Hours .....	27
III. Upper Level Foundation	
VISU 3000-Level Art History (WI) .....	8
IV. Visual Arts Electives .....	12
V. Language Sequence.....	8
VI. Free Electives .....	12
VII. Minor .....	12
Total Requirements .....	120

**Graphic Design Emphasis**

In addition to the fundamentals of visual art, this curriculum provides intensive studio course work and experience for students preparing for careers in graphic design. The Graphic Design Center provides graphic design students with professional work experience. Clients from the university and from the Montgomery area business community contract for jobs that are assigned to qualified students. In addition to building representative, professional portfolios, students working in the center gain experience in dealing directly with clients under faculty supervision, using equipment, techniques and supplies appropriate to professional agencies.

The Computer Graphics Laboratory is equipped with the latest computer graphics

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equipment and provides hands-on experience in print, video and presentation media. Enrollment is limited to provide a computer for each student and additional lab time is available to enable students to develop their skills.

B.A. in Fine Arts	
Emphasis Graphic Design	Semester Hours
I. AUM Core Curriculum Requirements	
Total Hours	41
II. Foundation	
VISU 1102 2-D Design and VISU 1132 3-D Design .....	6
VISU 1112 Drawing 1.....	3
VISU 2030 Art History 1 and VISU 2040 Art History 2 .....	6
VISU 2212 Painting 1.....	3
VISU 2312 Sculpture 1.....	3
VISU 2502 Printmaking 1 .....	3
VISU 2722 Typography 1 .....	3
VISU 2812 Digital Photography.....	3
Total Hours .....	30
III. Concentration	
VISU 2702 Computer Graphics .....	3
VISU 2732 Graphic Design 1, VISU 3732 Graphic Design 2, and VISU 4732 Graphic Design 3 .....	10
VISU 3722 Typography 2 .....	3
VISU 3702 3-D Animation .....	3
VISU 4702 Graphics 1 and VISU 4712 Graphics 2 .....	6
VISU 4742 Advertising Art .....	3
VISU 3000-Level Art History (WI) .....	8
VISU 4982 Senior Project.....	3
Total Hours.....	39
IV. Minor.....	12
Total Requirements .....	122

**Studio Art Emphasis**

Intensive undergraduate training in painting, printmaking, sculpture or ceramics for those interested in careers as artists or artist/teachers.

B.A. in Fine Arts (Studio Art)	
Emphasis in Painting	Semester Hours
I. AUM Core Curriculum Requirements	
Total Hours.....	41
II. Foundation	
VISU 1102 2-D Design and VISU 1132 3-D Design .....	6
VISU 1112 Drawing 1 and VISU 1122 Drawing 2.....	6
VISU 2030 Art History 1 and VISU 2040 Art History 2 .....	6

VISU 2212 Painting 1 .....	3
VISU 2312 Sculpture 1 .....	3
VISU 2502 Printmaking 1 .....	3
Total Hours .....	27
III. Concentration	
VISU 2202 Watercolor.....	3
VISU 3112 Figure Drawing and VISU 3122 Advanced Drawing.....	6
VISU 3222 Painting 2, VISU 3512 Painting 3 and	
VISU 4242 Painting 4 .....	9
VISU 3000-Level Art History (WI) .....	8
VISU 4982 Senior Project.....	3
Total Hours .....	29
IV. Visual Arts Electives.....	12
V. Free Electives .....	12
Total Requirements.....	121

**B.A. in Fine Arts (Studio Art)**

**Emphasis in Printmaking**

I. AUM Core Curriculum Requirements	Semester Hours
Total Hours .....	41
II. Foundation	
VISU 1102 2-D Design and VISU 1132 3-D Design6 VISU 1112 Drawing 1	
and VISU 1122 Drawing 26 VISU 2030 Art History 1 and VISU 2040 Art	
History 2 .....	6
VISU 2212 Painting 1.....	3
VISU 2312 Sculpture 1.....	3
VISU 2502 Printmaking 1 .....	3
Total Hours .....	27
III. Concentration	
VISU 3112 Figure Drawing and VISU 3122 Advanced Drawing.....	6
VISU 3502 Printmaking 2 and VISU 3512 Printmaking 3	
and VISU 4502 Printmaking 4 .....	9
VISU 3000-Level Art History (WI) .....	8
VISU 4982 Senior Project	
Total Hours .....	26
IV. Visual Arts Electives.....	15
V. Free Electives .....	12
Total Requirements .....	121

**B.A. in Fine Arts (Studio Art)**

**Emphasis in Sculpture**

I. AUM Core Curriculum Requirements	Semester Hours
Total Hours .....	41

II. Foundation

VISU 1102 2-D Design and VISU 1132 3-D Design .....	6
VISU 1112 Drawing 1 and VISU 1122 Drawing 2 .....	6
VISU 2030 Art History 1 and VISU 2040 Art History 2 .....	6
VISU 2212 Painting 1 .....	3
VISU 2312 Sculpture 1 .....	3
VISU 2502 Printmaking 1 .....	3
Total Hours .....	27

III. Concentration

VISU 3112 Figure Drawing and VISU 3122 Advanced Drawing .....	6
VISU 3412 Ceramics 1 .....	3
VISU 3322 Sculpture 2, VISU 4332 Sculpture 3 and VISU 4342 Sculpture 4 .....	9
VISU 3000-Level Art History (WI) .....	8
VISU 4982 Senior Project .....	3
Total Hours .....	27

IV. Visual Arts Electives .....	12
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V. Free Electives .....	12
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Total Requirements .....	121
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B.A. in Fine Arts (Studio Art)

Emphasis Ceramics

I. AUM Core Curriculum Requirements	Semester Hours
Total Hours .....	41

II. Foundation

VISU 1102 2-D Design and VISU 1132 3-D Design .....	6
VISU 1112 Drawing 1 and VISU 1122 Drawing 2 .....	6
VISU 2030 Art History 1 and VISU 2040 Art History 2 .....	6
VISU 2212 Painting 1 .....	3
VISU 2312 Sculpture 1 .....	3
VISU 2502 Printmaking 1 .....	3
Total Hours .....	27

III. Concentration

VISU 3112 Figure Drawing and VISU 3122 Advanced Drawing .....	6
VISU 4432 Ceramics 3 and VISU 4442 Ceramics 4 .....	12
VISU 3000-Level Art History (WI) .....	8
VISU 4982 Senior Project .....	3
Total Hours .....	29

IV. Visual Arts Electives .....	12
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V. Free Electives .....	12
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Total Requirements .....	121
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Minors

The Department of Fine Arts offers a variety of minors, each requiring 12 credit hours. These include painting, sculpture, ceramics, printmaking, art history and music. Students should note that requirements may be different for art majors and those who are not art majors. Contact the department for requirements.

■ Department of History

The undergraduate program in history is designed to give students insight into the world in which they live and the forces and events that helped shape it. In its broadest sense, the discipline of history offers a foundation for all other subjects and disciplines and is essential to a liberal education. It also teaches students how to find important information about the past, analyze and evaluate that information and communicate their findings in an intelligent and convincing manner. Majoring in history is excellent preparation not only for teaching, research and writing but also for decision making in careers in business, government, law and other professions. At AUM, that means development of a strong background in the history and culture of the major peoples and nations of the world, readying the student for work in companies and governments with overseas operations.

I. AUM Core Curriculum Requirements	Semester Hours
Area I. Written Composition (ENGL 1010 and ENGL 1020) <sup>1</sup>	6
Area II. Humanities and Fine Arts	12
Literature	6
Fine Arts <sup>2</sup>	3
Humanities and Fine Arts Elective	
Area III. Natural Sciences and Mathematics	11
Natural Sciences <sup>3</sup>	8
Mathematics <sup>4</sup>	3
Area IV. History, Social Sciences and Behavioral Sciences	12
History (HIST 1010, HIST 1020, HIST 1060, HIST 1070, HIST 2010 and HIST 2020)	
Total Hours	41

<sup>1</sup> A grade of C or better must be earned in each class.  
<sup>2</sup> One mandatory fine arts course selected from the following: art appreciation or art history, music appreciation or music history, theatre appreciation or theatre history.  
<sup>3</sup> Each course must include a lab.  
<sup>4</sup> MATH 1100 or above.

II. Departmental Liberal Education Requirements	
Philosophy 2000, 2010 or 3100	3
Geography 2050 or 2150 or Anthropology 2110	3
Political Science 2020	3
A two-course sequence in one foreign language	8
Total Hours	17

**III. Major Requirements**

Two courses in fields other than European or United States history:

Latin America, Asia, Africa, 3000 level or above ..... 6

Two courses in European history, 3000 level or above ..... 6

Two courses in American history, 3000 level or above ..... 6

One course in historiography (WI) ..... 4

One course in historical methods (WI) ..... 4

History Electives ..... 12

*Note: From among the courses in history, two must be taken in fields before 1750, 3000 level or above. Must earn a C or better in historiography and historical methods.*

Total Hours ..... 38

**IV. .... Minor in History**

A minor focusing on the history of the United States and/or other World regions, depending on the student's interests. Students must take four upper-level courses in history (a total of 12 credit hours at the 3000-level or above).

V. Free Electives ..... 15

Total Requirements ..... 121

## ■ Division of International Studies

The demand for individuals who understand foreign cultures and who are trained in foreign languages is increasing. The bachelor's in international studies provides students the opportunity to develop the basic knowledge necessary for effective participation in international and intercultural activities. Furthermore, students are prepared to continue their studies in several advanced or professional degree programs. The international studies program is designed to emphasize knowledge of modern foreign global cultures and to enable students to develop a speaking ability in at least one world language.

The major requirements for the international studies program are grouped into three area study options: Francophone studies, Hispanic studies and German studies; the fourth option in the major is international trade. Students who intend to go on to graduate studies in a foreign language should take a minimum of 18 semester hours of credit in that foreign language in courses numbered 3000-4999.

### English as a Foreign Language

The department offers English as a foreign language courses for international students and other students for whom English is not their native language. EHFL 1010, EHFL 1020, EHFL 2010 and EHFL 2020 are designed to accommodate students in a range of proficiency levels in speaking and comprehending English. EHFL 1000 Living in the USA is a course designed to help international students become oriented with American culture and institutions.

The department administers English proficiency tests for placement in the appropriate ENFL courses.

**B.A. in International Studies**

I. AUM Core Curriculum Requirements	Semester Hours
Area I. Written Composition (ENGL 1010 and ENGL 1020).....	6
Area II. Humanities and Fine Arts .....	12
Literature: ENGL/INTL 2600 and ENGL/INTL 2610 <sup>1</sup> (6 hours)	
COMM 1010 (3 hours)Fine Arts <sup>2</sup> (3 hours)	
Area III. Science and Mathematics.....	11
Mathematics <sup>3</sup> (3 hours) Sciences: Two laboratory courses in natural sciences selected from astronomy, biology, chemistry, geology, physics (8 hours)	
Area IV. History, Social Sciences and Behavioral Sciences.....	12
HIST 1010 and HIST 1020 (6 hours) Two courses from anthropology, economics, geography, history, political science, psychology, sociology <sup>4</sup> (6 hours)	
Total Hours .....	41

<sup>1</sup> Preferred courses. Other courses accepted in this area are ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580.

<sup>2</sup> MUSI 2110, MUSI 2120, MUSI 3310, THEA 2040, VISU 1000.

<sup>3</sup> Students should complete placement testing before registering for the mathematics course. Students entering postsecondary education must fulfill Alabama core curriculum requirements in mathematics (MATH 1100, MATH 1120, MATH 1610, MATH 1620, MATH 2630, MATH 2660) to graduate from AUM. Students who entered in postsecondary education prior to 1998 fall term must meet either the core requirements in mathematics existing when they entered postsecondary education or Alabama core curriculum requirements in mathematics to graduate from AUM.

<sup>4</sup> ANTH 2110, GEOG 2050 or GEOG 2150 preferred for international studies majors; ECON 2010 and ECON 2020 required for international trade majors.

II. Major Requirements	
GEOG 3950 Introduction to Geographic Information Systems .....	3
INTL 3000 Introduction to International Studies (WI).....	3
INTL 4400 Special Topics in INTL (WI).....	4
Interdepartmental Electives.....	27

Approved upper level courses in anthropology, economics, film studies, foreign language, geography, history, international business, literature, political science, theatre

AND

Francophone Studies	
FREN 1010 Elementary French I/Lab .....	4

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FREN 1020 Elementary French II/Lab.....	4
FREN 2010 Intermediate French I/Lab.....	4
FREN 2020 Intermediate French II/Lab.....	4
Four FREN courses at 3000 or 4000 level.....	12
OR	
Hispanic Studies	
SPAN 1010 Elementary Spanish I/Lab.....	4
SPAN 1020 Elementary Spanish II/Lab.....	4
SPAN 2010 Intermediate Spanish I/Lab.....	4
SPAN 2020 Intermediate Spanish II/Lab.....	4
Four SPAN courses at 3000 or 4000 level.....	12
OR	
German Studies	
GERM 1010 Elementary German I/Lab.....	4
GERM 1020 Elementary German II/Lab.....	4
GERM 2010 Intermediate German I/Lab.....	4
GERM 2020 Intermediate German II/Lab.....	4
Four GERM courses at 3000 or 4000 level.....	12
Total Hours.....	61
III. Minor.....	12
IV. Electives.....	8
Minimum Total Requirements.....	123
<i>Note: FREN signifies that the course is taught in French; SPAN signifies that the course is taught in Spanish; GERM signifies that the course is taught in German.</i>	

International Trade Option

The Department of International Studies degree option in international trade is for students who wish to specialize in languages and cultural studies, with a secondary emphasis in global economics, international finance, international marketing and international management. Students may select any of the major language groups – French, Spanish or German – and supplement their cultural courses with selections from the international business curriculum. These business courses include ECON 2010 Economics I and ECON 2020 Economics II under AREA IV of the AUM Core.

The five following courses are recommended to fulfill the Area V section of the AUM Core and Major Requirements:

	Semester Hours
MNGT 4760 International Business Law.....	3
ECON 4700 International Economics.....	3
FINA 4750 International Finance.....	3
MNGT 4750 International Business Management.....	3
MKTG 4650 International Marketing.....	3



Total Hours ..... 15

**Shared Spanish Language Major with Auburn University**

In addition to the International Studies and International Trade options, students may now participate in the Shared Spanish Language Major at AUM and Auburn. The program allows students to take Spanish language courses at the 2000, 3000 and 4000 levels on either campus, as well as participate in study abroad programs in Mexico, Argentina, or Spain. To simplify issues surrounding registration, financial aid, and athletic eligibility, a student will enroll and pay for all courses in this program on her or his home campus.

Degrees in this major are conferred with the name of both institutions on the diploma. The language major is recommended for students interested in pursuing graduate work or a teaching career in Spanish.

**Major Requirements Beyond 41-Hour University Core Curriculum**

<b>Spanish Major</b>	<b>Semester Hours</b>
AUM Core Curriculum (see International Studies section).....	41

**Major Requirements**

GEOG 3950 Introduction to Geographic Information Systems.....	3
INTL 3000 Introduction to International Studies (WI) .....	4
PHIL 2010 Introduction to Philosophy.....	3
SPAN 1010 Elementary Spanish I/Lab .....	4
SPAN 1020 Elementary Spanish II/Lab.....	4
SPAN 2010 Intermediate Spanish I/Lab.....	4
SPAN 2020 Intermediate Spanish II/Lab.....	4
SPAN 3010 Spanish Phonetics .....	3
SPAN 3020 Spanish Syntax.....	3
SPAN 3030 Spanish Conversation.....	3
SPAN 3040 Spanish Composition (WI).....	3
SPAN 3100 Introduction to Hispanic Literature .....	3
Additional SPAN courses at 3000/4000 Level.....	15
Total Major Hours .....	57
Minor .....	12
Free Electives.....	12
Total Hours.....	122

Note: The course prefixes at Auburn differ from those at AUM. SPAN is FLSP. The catalogue descriptions are the same on both campuses, however.

## ■ Department of Sociology

The Department of Sociology houses the disciplines of sociology, anthropology, geography and social work. A student may major in sociology, choosing concentrations in general sociology, marriage and family or anthropology. The department also offers minors in sociology, anthropology, geography, Geographic Information Systems (GIS) and Child Advocacy Studies. A student electing to major in the department must satisfy the following requirements:

I. AUM Core Curriculum Requirements <sup>1</sup>	Semester Hours
Area I. English Composition (ENGL 1010 and ENGL 1020).....	6
Area II. Fine Arts and Literature.....	12
Literature <sup>1</sup> .....	3
Fine Arts <sup>2</sup> .....	3
COMM 2212 Public Speaking.....	3
Humanity or Fine Arts.....	3
Area III. Science and Mathematics.....	11
MATH 1100 Finite Mathematics.....	3
One physical science and one natural science laboratory course <sup>3</sup> .....	8
Area IV. Social Science and History <sup>1,4</sup> .....	12
History <sup>1</sup> .....	3
Social Science <sup>4</sup> .....	3
SOCI 2000 Introduction to Sociology.....	3
ANTH 2110 Cultural Anthropology.....	3
Total Hours.....	41

<sup>1</sup> A two-course sequence of literature or history must be taken.

<sup>2</sup> An appreciation or history course in fine art or music.

<sup>3</sup> BIOL 1010 (BIOL 1011 - Lab), PSCI 1100 (PSCI 1101 - Lab), PSCI 1400 (PSCI 1401 - Lab), PSCI 1500 (PSCI 1501 - LAB), PHYS 2100 (PHYS 2101 - Lab), CHEM 1100 (CHEM 1101 - Lab)

<sup>4</sup> ECON 2010, ECON 2020, HIST 1010, HIST 1020, HIST 2010, HIST 2020, POLS 2020, PSYC 2110 or other state-approved social science courses.

### II. Support Courses for Sociology Majors

Computer Sciences.....	3
Foreign Language I and II.....	8
Total Hours.....	11

### III. Sociology (SOC) Major Requirements (42 hours)

#### A. Basic requirements (22 hours)

SOCI 3010 Research and Methodology I.....	3
SOCI 3011 Research and Methodology I Laboratory.....	1
SOCI 3020 Research and Methodology II.....	3
SOCI 4000 Social Theory.....	3
SOCI 4350 Social Psychology.....	3
SOCI 4950 Advanced Seminar in Sociology.....	3

ANTH 4030 Social and Cultural Change ..... 3

GEOG 2050 Geography of World Regions or GEOG 2150 Human  
Geography..... 3

Total Hours..... 22

B. Concentrations (Each student selects one concentration)

General Sociology Concentration

SOCI 4100 Minority Groups ..... 3

SOCI 4300 Sociology of the Family..... 3

SOCI 4050 Sociology of Deviance..... 3

Sociology Electives (Six hours must be at 3000 level or above) ..... 12

Total Hours ..... 21

**Marriage and Family Concentration**

SOCI 4300 Sociology of the Family ..... 3

SOCI 4450 Child Welfare..... 3

SOCI 3100 Juvenile Delinquency..... 3

SOCI 2250 Human Sexuality..... 3

SOCI 2020 Intimate Lifestyles ..... 3

**Marriage and Family Elective**

Six hours from the following options:

SOCI 3914 Field Practicum or SOCI 2220 Divorce and  
Remarriage ..... 3

SOCI 3070 Sociology of Gender Roles or SOCI 3300 Sociology  
of Death and Dying or SOCI 3950 Human Behavior and  
Social Environment ..... 3

Total Hours ..... 21

**Anthropology Concentration**

ANTH 2120 Introductory Archaeology ..... 3

ANTH 3800 New World Civilization..... 3

ANTH 3810 Language in Culture and Society..... 3

ANTH 4100 Biological Anthropology ..... 3

ANTH 4200 Anthropology of Religion..... 3

Anthropology Electives..... 6

Total Hours ..... 21

Major Total Hours ..... 43

IV. Minor ..... 12

The student may, in consultation with the academic advisor, select any minor that appears in the catalog or has been approved by the University Curriculum Committee.

V. Free Electives ..... 13

## Minimum Total Requirements .....123<sup>5</sup>

<sup>5</sup>The additional three hours will be earned when students complete the three Writing Across the Curriculum courses that are required beyond the ENGL 1010, ENGL 1020 classes. At least two of these courses will be taken in the Sociology department and will be taken for 4 hours of credit instead of 3.

Under a major/minor option in the Department of Sociology, the student pursuing sociology concentrations may minor in anthropology, geography, geographic information systems or child advocacy studies. The student choosing the anthropology concentration may minor in sociology, geography, geographic information systems or child advocacy studies

### **Minor in Sociology**

A broad minor focusing on the various aspects of society, culture, and social life. A minor in Sociology consists of 12 semester hours of credit. Students wishing to minor in Sociology must complete SOCI 2010 Social Problems and 9 additional hours of SOCI course work at the 3000 or 4000 level. SOCI 2000 Introduction to Sociology is a prerequisite for the upper level courses. It can be used to satisfy a core requirement in Area IV.

### **Minor in Anthropology**

A broad minor focusing toward the four-field approach to the study of anthropology. It consists of 12 semester hours of credit. Students must take four courses with the ANTH designation. ANTH 2110 Cultural Anthropology is a prerequisite for the upper level courses. While it cannot be used to satisfy the requirements for the minor, it can be used to satisfy a core requirement in Area IV.

### **Minor in Geographic Information Systems**

A minor focusing on the various elements of computer assisted geospatial analysis. The minor consists of 4 courses for 16 semester hours of credit.

### **Students must take the following courses:**

- GEOG 3940 Cartography with Lab
- GEOG 3950 Introduction to Geographic Information Systems with Lab
- GEOG 4950 Advanced Geographic Information Systems with Lab

### **One additional course will be selected from the list below:**

- GEOG 4960 Remote Sensing and GPS Applications in GIS with Lab
- GEOG 4955 GIS and Urban Studies with Lab
- GEOG 4970 3D and Raster GIS with Lab
- GEOG 4980 Advanced GIS Database Design with Lab

**Minor in Geography**

A broad minor focusing on the various aspects of physical and human geography. This minor consists of 12 semester hours of credit.

Students may take 6 hours from the following courses (unless they were used in the student's plan on study to satisfy a requirement of the state core):

GEOG 2010 Principles of Physical Geography  
GEOG 2050 Geography of World Regions  
GEOG 2150 Human Geography  
GEOG 2250 Economic Geography

At least 6 hours toward the minor should be taken from the following courses:

GEOG 3600 Historical Geography of the United States  
GEOG 3940 Cartography  
GEOG 3950 Introduction to Geographic Information Systems with Lab  
GEOG 3971 Special Topics in Geography  
GEOG 4200 Urban Geography

**Minor in Child Advocacy Studies**

This minor will prepare pre-professionals and practitioners to respond to child maltreatment in an ethical and culturally sensitive manner. Understanding the factors which lead to child maltreatment and existing responses within the context of interdisciplinary settings will be covered. The minor consists of 15 hours of course work. A pre-requisite for the minor is SOCI 3850 Introduction to Social Welfare. Students should consult with the Department of Sociology for specific availability of courses.

**Students must take the following courses:**

SOCI 3900 Social Welfare Policies and Services  
SOCI 3914 Field Practicum  
SOCI 4450 Child Welfare and Maltreatment - a course on Global Child Advocacy Issues

**Students should select one of the following courses:**

SOCI 3050 Women in Culture  
SOCI 4300 Sociology of the Family  
SOCI 4452 Forensic Interviewing with the Child - a study-abroad opportunity

**Certificate in Geographic Information Systems (GIS)**

The certificate in GIS is designed to satisfy the educational component for certification by the GIS Certification Institute (GISCI), a nationally and internationally recognized certification organization. Successful completion of five GIS courses will prepare students to employ computer-assisted spatial analyses in various academic

professions as well as provide the tools necessary for practical applications in government or the private sector. Students interested in receiving the certificate must complete all five of the following courses.

GEOG 3940	Cartography with Lab
GEOG 3950	Introduction to Geographic Information Systems with Lab
GEOG 4950	Advanced Geographic Information Systems with Lab
GEOG 4960	Remote Sensing and GPS Applications in GIS with Lab
GEOG 4990	Applied Research in Geographic Information Science and Systems with Lab

After successful completion, students receive a certificate of recognition from Auburn University at Montgomery. Students interested in the certificate should consult with individual departments to determine whether courses in GIS may apply to degree programs in which they have an interest.

## **Pre-Social Work Program**

A student interested in social work may complete a maximum of three years of course work at AUM and transfer to Auburn University or Alabama State University. The two affiliated programs in social work lead to the Bachelor of Social Work degree and are accredited by the Council on Social Work Education. Students interested in social work should contact the Department of Sociology at 334-244-3390.

## **Interdisciplinary Minors**

### **Certificate in American Society and Culture**

The certificate is aimed at international students pursuing careers that involve work in or with the United States or pursuing study in the United States, but is open to all students. In order to successfully do business in or with a country, a grasp of its society and culture are important. Formal instruction in American society and culture can also help enormously, both to broaden such students' cultural literacy regarding the U.S. and to give them a deeper understanding of its institutions and underpinnings.

The certificate program consists of six courses, three hours each (18 hours total), that can be added to a degree program at AUM, or simply taken as a self-standing certificate by international students earning a degree at an institution outside the U.S. The program can be completed online.

### **All students must complete the following:**

- HIST 2010 United States History to 1865
- HIST 2020 United States History since 1865
- POLS 2020 American National Government.

**All students must also select three courses from the following:**

ENGL 4720 American Short Stories  
MUSI 3300 Music Today  
VISU 3050 American Art  
COMM 2100 Media and Culture  
SOC1 2000 Introduction to Sociology.

**Medieval Studies Minor**

The medieval studies minor offers students an interdisciplinary understanding of Europe in the Middle Ages, conventionally defined as ca. 500 to ca. 1500, at an advanced undergraduate level.

A student with a minor in medieval studies will complete at least twelve credit hours consisting of four courses at the 3000-level or higher, two from English and two from History. The following courses count toward a minor in medieval studies; none, however, may also be used to satisfy the requirements for a student's major. The contact person for the minor is Professor Jan Bulman in the Department of History.

ENGL 4130 Monsters in Literature and Film  
ENGL 4150 Medieval Literature  
ENGL 4160 Chaucer  
ENGL 4840 Studies in Literary Form (when on a medieval topic, as approved  
by the minor's contact person)  
HIST 3230 Early Medieval Europe, 300-1000  
HIST 3240 Medieval Europe, 1000-1500  
HIST 3620 The Crusades  
HIST 3970 Special Topics in History (when on a medieval topic, as approved  
by the minor's contact person)  
HIST 4230 Women in Medieval Society  
HIST 4240 Magic and Witchcraft before 1700  
HIST 4310 The Renaissance  
HIST 4340 Medieval England  
HIST 4972 Advanced Special Topics in History (when on a medieval topic, as  
approved by the minor's contact person).

# School of Nursing

*Dr. Gregg E. Newschwander, Dean*

## Nursing (B.S.N.)

### ■ School of Nursing

The nursing program at AUM is a four-year course of study that leads to a Bachelor of Science in Nursing degree (B.S.N.). Professional nursing, which is practiced in collaboration with consumers and members of the interdisciplinary health community, involves cognitive, affective and psychomotor skills. Upon successful completion of the program, the graduate may apply to the state Board of Nursing to take the National Council Licensure Examination for Registered Nurses. The graduate is also prepared to pursue graduate study in nursing.

The mission of the School of Nursing is to foster and exemplify excellence in teaching, service/outreach and research. The program prepares professional nurses to provide patient-centered, culturally competent, evidence-based care for diverse populations in a dynamic health care environment.

### ■ Accreditation

The four-year baccalaureate program is fully accredited by the Commission on Collegiate Nursing Education and is approved by the Alabama Board of Nursing.

### ■ Academic Program

The nursing program is divided into a lower and an upper division. The lower division consists of 69 semester hours for traditional students and 56 hours for Educational Advancement for Registered Nurses (EARN) students. Upon satisfactory completion of the lower division courses, students are candidates for admission to the upper division of nursing. The upper division consists of 61-64 semester hours in the traditional program and 60 hours in the EARN program. Within these courses there are classroom, laboratory and clinical learning experiences. Clinical experiences are provided in a variety of health care agencies in and around Montgomery and a preceptorship that can be done nationally. You are encouraged to visit the School of Nursing's website: [www.aum.edu/nursing](http://www.aum.edu/nursing)

Lower Division Curriculum	Semester Hours
ENGL 1010 English Composition I .....	3
ENGL 1020 English Composition II .....	3
Literature I .....	3
Literature II (in sequence).....	3
Fine Arts (Music, Theatre or Art Appreciation).....	3
PHIL 2100 Applied Ethics .....	3
MATH 1100 Finite Mathematics.....	3
BIOL 1010 and 1011 Principles of Biology I and Lab .....	4
PSCI 1500 and 1501 Introduction to Chemistry and Lab .....	4
HIST 1010 World History I.....	3
OR HIST 1020 World History II (II recommended).....	3
POLS 2020 American National Government.....	3



PSYC 2110 General Introductory Psychology.....3

SOCI 2000 Introduction to Sociology .....3

BIOL 2010 and 2011 General Microbiology and Lab.....4

BIOL 2100 and 2101 Human Anatomy and Physiology I and Lab.....4

BIOL 2110 and 2111 Human Anatomy and Physiology II and Lab.....4

PSYC 3780 Developmental Psychology.....3

ENGL 3005 Professional Writing for Nurses.....3

MATH 2670 Elementary Statistics.....3

NURS 2010 Foundations of Health Care ..... 4

NURS 2011 Foundational Skills for Health Care Professionals Clinical.....3

Total Lower Division - Traditional Students .....69

Total Lower Division - EARN Students .....56

<sup>1</sup>Course not required for EARN students.

■ Admission to the School of Nursing

Admission of new freshmen prenursing students will be in accordance with general university admission standards. Continuing, transfer, and change of major students must meet the unadjusted GPA standards below to be admitted to or to remain in the prenursing major:

- Students must earn a minimum 2.0 GPA on 15-29 hours of prenursing credit.
- Students must earn a minimum 2.5 GPA on 30 or greater hours of prenursing credit.

To be considered for admission to the upper division of the School of Nursing, students must earn a minimum grade of a C on each lower division course and hold a minimum 2.5 GPA on these courses at the time of application. Grades are counted each time a course is taken. From this pool of applicants candidates are ranked by GPA and amount of prenursing credit successfully completed at AUM, and interview scores. Upper division candidates are also required to submit documentation of a physical examination by a prescribed date, stating that the student is free of communicable disease, in general good health and possessing the functional capabilities defined below.

Students must possess the functional ability to perform the skills and behaviors required of a professional nurse. These abilities include but are not limited to:

1. Adequate vision, such as that required to observe changes in physical conditions, to read small print on labels and markings on syringes and to discern subtle changes in color;
2. Adequate hearing, such as that required to distinguish muted sounds through a stethoscope;
3. Fine motor skills and manual dexterity, such as that required to handle small, delicate equipment;
4. Strength to turn and assist with lifting adults and to lift and carry children;
5. The mobility to respond quickly in emergency situations;

6. The ability to communicate and interact effectively with others orally and in writing;
7. The ability to detect odors; and
8. The ability to read independently and to comprehend the written word.

The number of students who can be admitted to the upper division clinical courses is determined by the availability of clinical practice sites and faculty to teach in these areas. Admission occurs twice per year; upper division nursing courses begin in the fall and spring semesters. Faculty select for admission a limited number of the best qualified applicants.

Applications for fall admission to the upper division become available on the School of Nursing website in December and the deadline for application submission is Feb. 1. For the group entering in the spring semester, applications become available March 1 and the deadline for return is May 1. All applicants must have achieved university admission to be considered for entry to the School of Nursing.

Students are required to have pre-clinical drug screenings and background checks processed through the approved vendor.

## ■ Educational Advancement for Registered Nurses Program (EARN Program)

The Educational Advancement for Registered Nurses Program (EARN) is designed for registered nurses who desire to return to school to obtain a baccalaureate degree in nursing. The curriculum is delivered via hybrid or online methods. An extensive orientation program is provided for all students.

As in the traditional baccalaureate program, upper division nursing courses build on a lower division curriculum. These requirements, which consist of courses in the humanities and biophysical and behavioral sciences, are described in this catalog.

Course content is designed to build on students' knowledge obtained through basic education and work experience.

### Progression Through the Program

All students enrolled in upper division nursing courses must receive a grade of C or above in order to progress in the nursing program. A satisfactory clinical grade is required to pass nursing courses with laboratory components. Students must maintain the skills and behaviors required for professional nursing (see Admission to the School of Nursing section above), including the ability to engage in critical thinking, in order to make safe and ethical clinical decisions. Students who receive a grade of D or F in a nursing course have one opportunity to repeat that course at the time of the next course offering.

Students who have failed one course will meet with an advisor to develop a specific plan prior to re-entering the program, including enrollment in and successful

completion of a challenge course. Students must successfully complete all requirements of the challenge course before returning to upper division course work. Students who are eligible to continue in the program but have been out of upper division studies for more than one calendar year will be required to reapply for admission and repeat all upper division course work. Calendars for upper division nursing courses may not correspond with the calendars published for university courses.

Students who receive a D or F in two nursing courses may not continue in upper division course work and may not re-enroll in the School of Nursing.

Entry into each clinical course requires successful validation of designated clinical skills during the previous academic semester.

Course prerequisites must be completed as outlined in the AUM Undergraduate Catalog. The upper division courses must be taken in a specified sequence. Some courses in upper division are corequisites. Any nursing course that is unsuccessfully completed must be repeated in conjunction with the corequisite to that course, even though the corequisite course may have been previously completed with passing grades. Junior level courses must be completed prior to progression to senior level courses.

## ■ Application for RN Licensure

Following completion of the registered nursing program, the graduate will apply for RN Licensure in Alabama or another state. The Alabama Board of Nursing application has the following questions which must be answered by the applicant:

1. Have you ever been arrested or convicted of a criminal offense other than a minor moving traffic violation?
2. Have you, in the last five years, abused drugs/alcohol or been treated for dependency to alcohol or illegal chemical substances?
3. Have you ever been arrested or convicted for driving under the influence of drugs/alcohol?
4. Have you, in the last five years, received inpatient or outpatient treatment or been recommended to seek treatment for mental illness?
5. Have you ever had disciplinary action or is action pending against you by any state board of nursing?
6. Have you ever been placed on a state and/or federal abuse registry?
7. Have you ever been court-martialed/disciplined or administratively discharged by the military?

If an applicant has answered yes to any of the above questions, a full explanation with the appropriate court/treatment records must accompany the application. Applicants must disclose misdemeanors and arrests that did not result in convictions and attach those court records. Arrests/convictions include checks written

on accounts with insufficient funds and DUIs. If the Board later learns of arrests or convictions that have not been disclosed, this will be considered fraud and deceit in procuring a license and disciplinary action will be forthcoming.

Applicants to the School of Nursing need to be aware that they may be denied permission to take the RN licensing examination by the Alabama Board of Nursing if they are not of good moral character. A past record of behavior such as a felony conviction, abuse of drugs or alcohol or theft of drugs may be grounds for denial of licensure. See Section 610-X-8-.01 of the Alabama Board of Nursing administrative code.

Upper Division Curriculum

Traditional Program (Full-Time Track)

Semester Prior to Beginning Upper Division	Semester Hours
NURS 2010 Foundations of Health Care .....	4
NURS 2011 Foundational Skills for Health Care Professionals Clinical.....	3
Semester 1	
NURS 3100 Pathopharmacology and Patient-Centered Assessment.....	6
NURS 3101 Pathopharmacology and Patient-Centered Assessment Clinical .	5
NURS 3150 Evidence-Based Practice (WI) .....	3
Total .....	14
Semester 2	
NURS 3240 Patient-Centered Care.....	6
NURS 3241 Patient-Centered Care Clinical .....	6
Total .....	12
Semester 3	
NURS 4340 Patient-Centered Care of the Child Bearing Family.....	2
NURS 4341 Patient-Centered Care of the Child Bearing Family Clinical .....	2
NURS 4350 Patient-Centered Care of the Child .....	2
NURS 4351 Patient-Centered Care of the Child Clinical.....	2
NURS 4360 Population-Based Care .....	4
NURS 4361 Population-Based Care Clinical.....	3
Total .....	15
Semester 4	
NURS 4400 Professional Transformation into Nursing Practice (WI) .....	3
NURS 4410 Professional Nursing Leadership and Management for Patient-Centered Care.....	3
NURS 4421 Clinical Immersion for Transformation into Practice.....	7
Total .....	12

(WI) indicates a writing-intensive course

Upper Division Curriculum, EARN Program

Summer Semester	Semester Hours
NURS 4110 Transformation to the Professional Nurse Role <sup>2</sup> .....	5
NURS 4120 Pathophysiology for the Professional Nurse <sup>1</sup> .....	3
NURS 4130 Nursing Informatics .....	3
Total .....	11

Fall Semester

NURS 4210 Leading and Managing in Healthcare Micro-Environments/ Preceptorship.....	5
NURS 4220 Research for Evidence-Based Practice.....	3
NURS 4240 Concepts of Care for Families with Chronic or Complex Conditions.....	3
NURS 4152 Client Assessment for the Professional Nurse <sup>1</sup> .....	3
Total .....	14

Spring Semester

NURS 4310 Leading and Managing in Healthcare Macro-Environments.....	4
NURS 4320 Population-Based Health Care .....	4
NURS 4330 Transformation to the Professional Role II.....	4
Total .....	12

<sup>1</sup>Denotes online courses if the Hybrid Track is selected, otherwise all courses available online.

<sup>2</sup>NURS 4110 must be the first course taken. Upon successful completion of the course with a grade of C or higher, 24 semester hours of nursing credit will be awarded. These hours are not included in the 50 hours of actual course work which must be taken at AUM to be eligible for honors at graduation.

■ Student Health Services

A primary care student health clinic is available to students at the Student Health Services Clinic in Irma B. Moore Hall, Room 102. For a nominal co-payment, students can be seen for problem-oriented visits by a certified registered nurse practitioner. Preventive health services, including health screening, physical examinations, immunizations, women’s health examinations, contraceptive counseling and laboratory testing are available at reasonable rates. Regularly scheduled health education programs, distribution of protective devices and health education materials are offered through the center.

The clinic is open during regularly scheduled university semester sessions for currently enrolled AUM students with a valid student I.D. The clinic hours are 8 a.m. to 5 p.m., Monday through Friday, and patients are seen from 8:15 a.m. to 4:30 p.m. Walk-ins are welcome; however, appointments are given priority and can be made by calling 334-244-3281. TDD users may call 334-244-3801.

# ■ School of Sciences

*Dr. Karen E. Stine, Dean*

## **Biology**

Biology Health Sciences  
General Biology  
Cytotechnology (certificate)  
Environmental Science  
Medical Laboratory Sciences  
Molecular Biology  
Public Health and Microbiology

## **Justice and Public Safety**

Legal Studies  
Criminal Justice

## **Mathematics**

Mathematics  
Mathematics/Computer Science  
Mathematics/Economics

## **Organizational Leadership**

### **Physical Science**

General Physical Science  
Chemistry  
Forensic Sciences  
Health Science

### **Political Science**

### **Psychology**

ROTC Army/Military Science &  
Leadership Curriculum

# ■ School of Sciences

In keeping with the liberal education tradition, the School of Sciences provides students with a broad general education as well as the opportunity to acquire depth in the particular academic subject selected as a major. The School of Sciences is committed to creating a dynamic and stimulating environment, focused on use of the scientific method, that serves to foster open inquiry, encourage critical thinking, and promote ethical decision-making. Specifically, the School of Sciences strives to:

- Provide academically strong undergraduate and graduate programs that prepare our majors with the current knowledge, critical thinking ability, and practical skills necessary to succeed in their chosen careers.
- Provide focused academic preparation and guidance to students preparing for acceptance into graduate school and professional programs in medical and veterinary sciences, pharmacy, physical therapy, engineering, and law.
- Continue the traditions of liberal arts and sciences education, encouraging students in lifelong learning and preparing them to become knowledgeable citizens in a complex and changing global society.
- Advance knowledge in the natural and social sciences and mathematics through research and scholarship, with particular emphasis on research opportunities for undergraduate students.
- Enhance the understanding and appreciation of the sciences and mathematics in the community at large.
- Apply relevant disciplinary and interdisciplinary knowledge towards finding practical solutions to current regional, state, national, and global issues.

- Demonstrate honesty, integrity, and commitment to academic freedom in all pursuits.

## ■ Curriculum Areas

The School of Sciences offers four-year bachelor's degree programs in biology (with specialized options in cytotechnology and medical laboratory science), justice and public safety (legal studies and criminal justice tracks), mathematics, organizational leadership, physical science, political science and psychology.

Courses are available that will enable students to meet all pre-professional requirements in medicine, dentistry, optometry, nursing, pharmacy, veterinary medicine, law and engineering.

## Minors

A minor is a prescribed area of academic study consisting of 12–18 semester hours to be determined at the discretion of the department offering the minor with approval of the dean of the school in which the minor is offered, the Curriculum Committee, and the provost. The prescribed courses for a minor may be taken from one or more academic disciplines. A minor is not a university requirement for graduation. A minor may, however, be required by a major.

Courses that make up the minor are determined by the department(s) offering the minor. Courses counting toward an elective minor may not be used to satisfy general education core or major requirements. A major for which a minor is required for graduation may count the same course for both major and minor requirements.

A minimum average of “C” (2.00) is required for courses applying to the minor. A minimum of six semester hours of credit applied to the minor must be completed in residence.

A maximum of two minors may be declared by a student. Minors must be declared by the end of the first week of the semester in which the student plans to graduate. Students must declare or change minors through the Registrar's Office. Minors will be recorded on the student's academic transcript.

Minors approved within the School of Sciences are: Biology, Criminal Justice – Corrections, Criminal Justice – Juvenile Justice, Criminal Justice – Law Enforcement, Criminal Justice – Security Administration, Mathematics, Organizational Leadership, Political Science, and Psychology. School of Sciences students are not limited to these minors only, but may select any approved university minor, for which they will fulfill the requirements in addition to the requirements of their selected major.

## Pre-Health Sciences

Students planning to pursue careers in the health professions are collectively referred to as pre-health professions students. Pre-health professions at AUM includes students interested in attending undergraduate, graduate or doctoral level programs in the health care field. Medicine, dentistry, optometry, pharmacy and veterinary medicine are just a few of the many programs available in healthcare, and the AUM pre-health advising office works to prepare students for admission to whatever program they are interested in.

Pre-health professions programs at AUM are designed to be pre-professional curricula and not degree programs in themselves. This allows you to graduate from AUM with an academic major that can provide alternative possibilities if career plans change. The most common choices of majors in the past have been biology, mathematics and physical science. However, as long as specific entrance requirements are met, professional schools have no preference for any particular academic major, and students can major in any degree program they choose. After a departmental classification has been chosen, the student must consult both the appropriate pre-professional advisor and the departmental advisor prior to registering for courses. All pre-health students will be advised by the AUM health sciences advisor.

Most health professions programs have similar admission requirements, but each school has its own specific requirements for admission. Students should be aware of the specific requirements of the schools they intend to apply to and the prerequisites for required courses in these areas. In the majority of cases the following suggested courses would be appropriate for the first two years of studies in any area of pre-health sciences:

- |              |  |
|--------------|--|
| First Year:  | CHEM 1100/1101 and CHEM 1200/1201; two appropriate mathematics courses; ENGL 1010 and ENGL 1020; BIOL 1010/1011; and BIOL 1020/1021. |
| Second Year: | Two appropriate biology courses; CHEM 3100/3101 and CHEM 3200/3201; and PHYS 2100/2101 and PHYS 2200/2201                            |

In every instance, it is strongly recommended that students attempt to complete the courses on which the professional school entrance examinations are based prior to the end of their junior year. Specific advice can be obtained from the health sciences advisor.

Exceptional AUM pre-health students have routinely been accepted to medical, dental, optometry, physician assistant and other health professions programs nationwide. Apart from a relatively high GPA obtained from normal course loads, professional schools require a consistent superior performance over a considerable period of time. In particular, most schools strongly discourage students from with-



drawing from courses or avoiding English or laboratory courses by taking equivalency examinations. AUM utilizes a Health Professions Advisory Committee (HPAC) to recommend premedical, pre-dental and pre-optometry students for admission. Students will be most competitive for admission to pre-health programs when they maintain an above-average GPA (3.2 and above), participate in shadowing experiences, internships, or summer programs, and perform well on admissions tests. Students are encouraged to always have a “plan B” for their career goals should their pre-health plans change or their academic performance not meet competitive standards. Unlike many majors, pre-health professions students maintain a rigorous course load, including many labs and extracurricular activities. This could pose a challenge to students who work full time or are limited in their class availability. Students who fall significantly below a 3.2 GPA at the end of the sophomore year should seriously consider another curriculum or accept a low chance of success in gaining admittance to the professional school. Students returning to college are expected to complete several semesters of normal pre-health course work before applying to health professions schools.

If a degree was not completed prior to admission to a professional program, upon successful completion of the first year in a doctoral program in medicine, dentistry, optometry or veterinary medicine, up to 27 hours of credit may be applied towards a baccalaureate degree at AUM, subject to the approval of the dean for the degree area involved.

Pre-professional preparation for allied health disciplines such as physical/occupational therapy, physician assistant, speech and language pathology, radiologic sciences, public health and nutrition science are also available. Two to four years of preclinical study are required by professional schools, but most students will be more competitive having completed their undergraduate degree. Although advisors at AUM will provide as much assistance as possible, students are responsible for knowing and meeting entrance requirements for specific professional schools by the appropriate deadlines.

### **Pre-Chiropractic**

AUM offers course work in preparation for application to chiropractic school. Upon completion of required undergraduate prerequisites, students may apply to the chiropractic school of their choice. The admissions requirements of the colleges or universities vary, so it is important to determine the specific requirements of the school of your choice. Admission is competitive and based on GPA and experience. Many chiropractic programs do not require a degree, but students must complete required prerequisite coursework with an acceptable GPA.

AUM has entered into a 3+3 affiliation agreement with Logan University Doctor of Chiropractic (D.C.) program. This guaranteed admissions program will allow qualified students to attend Logan if they successfully complete the pre-chiropractic program with a cumulative GPA of 3.25 or higher and meet all other criteria for admission. Upon completion of the first year of studies at Logan, a maximum of

25 credits may be transferred back to AUM toward completion of credits required for the Bachelor of Science in biological sciences degree at AUM. Students interested in this program are encouraged to consult with the pre-health advisor for a complete set of provisions.

### **Pre-Law**

(also designated in the School of Liberal Arts)

Students who plan to attend law school must first obtain a bachelor's degree, which can be in any one of the majors in this catalog. The American Bar Association does not recommend a particular undergraduate major or a particular group of courses to students wishing to pursue law school.

Most law schools do not prescribe any particular curriculum of pre-law study. Students should pursue an undergraduate degree in a major in which they are interested or can do well. Students should take challenging, demanding courses. Courses which develop research and writing skills would be helpful.

Interested students should consult a pre-law advisor in the Department of Political Science and Public Administration or the Department of Justice and Public Safety. The Interdisciplinary Pre-law Advisory Committee has been established to advise pre-law students until they select a major. Students are encouraged to select their major as early as possible, but not later than the completion of their third academic semester. After students select their major, the committee will coordinate with the advisor in the selected major area to provide information and encourage course selections supporting the pre-law goal of the students. Students should contact the dean of their particular school for names and assignments of pre-law advisors.

### **Pre-Engineering**

A two-year pre-engineering curriculum is available for students who plan to pursue a degree in engineering or computer science. The curriculum is closely coordinated with the requirements of the College of Engineering at Auburn University; however, it usually will serve as a good basis for further work at schools other than AU. Students who plan to continue their studies at schools other than AU must take responsibility for coordinating their course selections at AUM with the programs at these other schools to avoid possible loss of credit upon transferring.

The two-year program at AUM includes courses in mathematics, physical sciences, social sciences and the humanities. Students entering this program should have an interest and aptitude for studies in the mathematical and physical sciences.

The pre-engineering curriculum is based on the requirements of the College of Engineering at AU that were in effect at the time of publication. Because

these requirements change from time to time, it is important that students consult their pre-engineering advisors at least once each semester for the latest information concerning the curriculum and for assistance in preparing their plans of study. To obtain specific information concerning the pre-engineering program and the names of advisors, contact the Department of Mathematics at 334-244-3677.

■ **Biology Major**

Students interested in biology as a major currently have seven distinct concentrations in planning their course work:

- Biology Health Science (BIHS)
- Cytotechnology (BICT)
- Environmental Science (BIES)
- General Biology (BIGN)
- Medical Laboratory Science (BIMT)
- Molecular Biology (BIMB)
- Public Health and Microbiology (BIPH)

In each of these concentrations, the student is required to complete courses in the university core, biology, related science areas and electives. Each concentration requires a different assemblage of science and non-science courses. The Biology Department should be contacted for a current listing of courses required to complete a specific concentration and for additional concentrations that may become available.

The above seven concentrations prepare students for careers in the health field, environment, biotechnology and for employment in a number of jobs in government and industry. These concentrations are also preparatory for competitive admission to professional programs and graduate schools.

**Requirements for the Biology Major**

AUM Core Curriculum	Semester Hours
Area I. Written Composition (ENGL 1010 and ENGL 1020) .....	6
Area II. Humanities and Fine Arts.....	12-15
Literature <sup>1</sup> .....	3-6
Communication .....	3
Fine Arts.....	3
Elective.....	3
Area III. Natural Science and Mathematics .....	11-12
Principles of Biology I and II with laboratories .....	8
Mathematics .....	3-4
Area IV. History, Social Sciences and Behavioral Sciences .....	12
History <sup>1</sup> .....	3-6
Electives .....	6
Total Hours for Core Courses .....	41

School of Sciences	143
Area V. Biology and Support Courses <sup>2</sup>	79
Total Minimum Number of Hours	120

<sup>1</sup>A sequence of literature or history is required.

<sup>2</sup>Contact Department of Biology for specific course listings or see index in back of catalog.

Students selecting the environmental science option may be eligible after their freshman year for a cooperative education program. This program allows students to obtain work experience in their field while continuing their education. In a typical work experience program, a student alternates semesters of work and study. During the working semesters, the student is paid by the employing agency, such as the Alabama Department of Environmental Management.

The Department of Biology contains its own professional programs in medical laboratory science and cytotechnology. Courses and clinical practice can be completed in four years. Consult the Division of Clinical Laboratory Sciences section that follows for further details.

Biology students enrolled at AUM may take marine biology courses at the Sea Lab in Mobile, Ala. Courses taken at this marine biology station may substitute for some of the courses in the environmental science option. For further details, consult the section that follows entitled Marine Biology Environmental Sciences Consortium.

**Division of Clinical Laboratory Sciences (CLLS)**

The Division of Clinical Laboratory Sciences is a specialized clinical division within the Department of Biology. Programs in cytotechnology and medical laboratory science are offered through this division. These programs maintain national accreditation by appropriate agencies recognized by the U.S. Department of Education. Meeting the guidelines of these accrediting agencies ensures that these programs appropriately emphasize technical competency and proficiency in areas of the clinical laboratory required by certifying examinations and employers.

**Cytotechnology (CT)**

Cytotechnology is an allied health profession that specializes in the microscopic evaluation of cell samples from all body sites in order to detect minute changes in cells. The field of cytotechnology is highly specialized and practiced by pathologists and cytotechnologists. The cytotechnologist is a responsible, skilled health care professional who uses a microscope to examine cell samples for pre-cancerous and cancerous lesions, infectious agents and other diseases. By detecting and reporting early signs of cancer, the cytotechnologist plays a crucial role in health care, leading to effective treatment which saves lives. Graduates are employed in hospital laboratories, private laboratories, research and education. Cytotechnologists can advance to laboratory management positions, research activities and teaching.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, FL., 33756; 727-210-2350; (fax) 727-210-2354; [www.caahep.org](http://www.caahep.org); or [caahep@caahep.org](mailto:caahep@caahep.org). CAAHEP accreditation is in collaboration with the Cytotechnology Programs Review Committee of the American Society of Cytopathology.

The program is organized in a 3+1 format consisting of a three-year pre-professional phase and a one-year professional phase. The pre-professional phase consists of core courses and upper level biology courses. The professional phase consists of an on-campus segment and an off-campus segment. The on-campus segment consists of didactic cytotechnology courses and practical laboratory training. The off-campus segment consists of clinical training in an affiliated clinical site. Upon completion of the program, students earn a Bachelor of Science in biology and a certificate of completion of an accredited program of cytotechnology and become eligible to take the national certification examination.

Admission to the professional phase of the program involves a formal application, a letter of interest by the candidate and an interview. Enrollment in the professional phase is limited based on the availability of clinical sites. Application forms and student handbooks are available from the program director, room 204, Moore Hall. The student handbook includes specific criteria for acceptance into the program and technical standards necessary to complete the program. The technical standards are as follows:

1. Prove normal or corrected vision sufficient to perform microscope analysis for as long as eight hours per day. Color blindness does not eliminate candidates but will result in extensive extra studying to compensate for normal and abnormal staining reactions.
2. Possess visual and mental acuity to discern minute details to classify normal vs. abnormal cells and inclusions.
3. Be able to tolerate sitting at a microscope up to eight hours per day.
4. Have the ability to communicate in English with physicians, instructors and patients.
5. Have sufficient manual dexterity to perform cytology processing procedures such as operation of centrifuges, performing staining, cover slipping and labeling of microscope slides.
6. Have the ability to read and comprehend technical and medical information necessary to complete the professional year of study.

To be eligible for admission into the professional phase of the program, candidates must complete all pre-professional requirements prior to the spring semester of the year they wish to enroll. Candidates must have a cumulative GPA of 2.0 or higher, minimum grade of C in all science courses required and submit proof of a physical examination, required immunizations and an eye examination. Candi-

dates must acknowledge their belief that they can achieve the technical standards described above and in the student handbook for the CT/CLS program. Students should submit applications to the program director by July 15 to be considered for spring admission. Applications received after this date may be considered if space is available.

## Curriculum

The CT/CLS Program requires the successful completion of 121 semester hours of course work and clinical training for graduation. This program can be completed in nine semesters, which includes the summer semester of the senior year. Please note that the sequence of pre-professional phase science courses requires careful planning. Students are urged to consult the CT program director each semester during the pre-professional phase.

<b>Pre-Professional Phase (84 semester hours)</b>	<b>Semester Hours</b>
Area I. Written Composition (ENGL 1010 and ENGL 1020).....	6
Area II. Humanities and Fine Arts.....	12-15
Literature <sup>1</sup> .....	3-6
Communication (COMM 2212).....	3
Fine Arts .....	3
Elective.....	3
Area III. Natural Science and Mathematics .....	11-12
Principles of Biology I and II with laboratories .....	8
Mathematics .....	3-4
Area IV. History, Social Sciences and Behavioral Sciences .....	12
History <sup>1</sup> .....	3-6
Electives .....	6
Total Hours for Core Courses.....	41
Area V. Pre-Professional, Major and Elective Courses <sup>4</sup> .....	43
Survey of Computer Applications (CSCI 1000).....	3
Principles of Biology I (BIOL 1010/1011) .....	4
Principles of Biology II (BIOL 1020/1021) .....	4
General Microbiology (BIOL 2010/2011) .....	4
Human Anatomy and Physiology I (BIOL 2100/2101) .....	4
Human Anatomy and Physiology II (BIOL 2110/2111) .....	4
Genetics (BIOL 3303).....	4
Immunobiology (BIOL 4073) .....	4
Histology (BIOL 4343).....	4
Cell Biology (BIOL 4353) .....	4
Molecular Genetics (BIOL 4603).....	4

<sup>1</sup> A grade of C or better is required for each course.

<sup>2</sup> A 6 semester hour sequence either in literature or in history is required.

If a second literature is chosen, it will apply as the 3 elective hours in Area II.

If a second history is chosen, it will apply as 3 of the elective hours in Area IV.

<sup>4</sup> A grade of C or better is required in each science and math course listed.

**Professional Year<sup>1</sup> (40 semester hours)**

**Semester Hours**

CYTO 4600 Introduction to Cytopathology.....	3
CYTO 4613 Gynecological Cytopathology I.....	3
CYTO 4623 Gynecological Cytopathology II .....	3
CYTO 4630 Cytopreparatory Techniques.....	2
CYTO 4640 Laboratory Standards and Practices .....	1
CYTO 4643 Respiratory Cytology.....	3
CYTO 4653 Urinary and Gastrointestinal Cytology .....	3
CYTO 4663 Body Fluid and Miscellaneous Cytology .....	2
CYTO 4673 Fine Needle Aspiration Cytology.....	4
CYTO 4674 Clinical Internship I.....	2
CYTO 4680 Journal Club in Cytopathology .....	1
CYTO 4684 Clinical Internship II.....	8
CYTO 4690 Research Project in Cytopathology .....	2
CYTO 4700 Senior Seminar in Cytopathology .....	3
Optional	
CYTO 4710 Advances in Diagnostic GYN/NGYN Cytology.....	1-8

<sup>1</sup>A grade of C or better is required for each course.

**Medical Laboratory Science**

The medical laboratory science (MLS) program is designed to provide students with a background in clinical laboratory science theories and methods. The skills and experiences in this program will prepare students with competencies necessary to work in a clinical laboratory environment. While most graduates are employed in clinical laboratories, other employment opportunities are also available. These opportunities include laboratory positions in research, public health and industry. Other opportunities include positions as sales or technical representatives with pharmaceutical companies or companies associated with laboratory supplies and/or instrumentation. This program also prepares students for graduate and professional schools.

The medical laboratory science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 North River Road, Suite 720, Rosemont, IL. 60018-5119; 773-714-8880; (fax) 773-714-8886; [www.naacls.org](http://www.naacls.org); or [info@naacls.org](mailto:info@naacls.org).

The program is organized in a 2+2 format, consisting of a two-year pre-professional phase and a two-year professional phase. The pre-professional phase consists of general preparation in math, science and liberal arts. The professional phase consists of preparation in clinical chemistry, methods of drug analysis, instrumentation, microbiology (bacteriology, parasitology, mycology), hematology, immunology, immunohematology, serology, urinalysis and body fluids, laboratory management and education and computer based analysis. Upon successful completion of the program, students receive the Bachelor of Science in biology and a certificate of

completion of an accredited program in medical laboratory science and become eligible to take national certification examinations.

The medical laboratory science program is offered in a traditional on-campus format and an online format. The online format is a distance learning format designed for certified clinical/medical laboratory technicians who have prior clinical laboratory experience with modern laboratory instrumentation and military laboratory personnel who have completed military medical laboratory specialist school and have laboratory experience with modern clinical laboratory instrumentation.

Entry into the professional phase of the program involves a formal application by the candidate. Enrollment in this phase is limited based on available resources both on campus and in affiliated clinical facilities. When the number of qualified applicants exceeds the enrollment capacity, selection will be based on cumulative GPA. Application forms and student handbooks are available from the program director. The student handbook includes specific criteria for acceptance into the program and essential requirements necessary to complete the program. To be eligible for admission to the professional phase, candidates must complete all pre-professional requirements prior to beginning the professional phase of the program. Candidates must have a cumulative GPA of 2.0 or higher, minimum grade of C in all science and math course required. Candidates must acknowledge their belief that they can achieve the technical standards described in the student handbook for the MLS program. These standards are considered essential for the clinical laboratory profession.

The last 26 weeks of the traditional on-campus program are spent in clinical practice at an affiliated clinical laboratory followed by a two-week comprehensive review session in preparation for national boards. The calendar during this period varies significantly from the normal university calendar. Students are typically assigned to one clinical facility for the complete 24-week period, with courses meeting Monday through Friday during this time. Students in the online program complete their clinical experience concurrently with their didactic course work. Clinical affiliates include, but are not limited to, the following:

Baptist Health (Montgomery, AL)  
Baptist Health (Jacksonville, FL)  
Central Alabama Veterans Health Care System (Montgomery, AL)  
Columbus Regional Medical Center (Columbus, GA)  
East Alabama Medical Center (Opelika, AL)  
Flowers Hospital (Dothan, AL)  
Jackson Hospital (Montgomery, AL)  
Mayo Clinic (Jacksonville, FL)  
Russell Medical Center (Alex City, AL)  
Southeast Alabama Medical Center (Dothan, AL)



Spring Hill Hospital (Mobile,AL)  
Trinity Hospital (Birmingham, AL)  
Vaughn Regional Medical Center (Selma, AL)

Curriculum

The medical laboratory science program requires the successful completion of 140 semester hours of course work and clinical training for graduation. This program can be completed in 10 semesters over a four-calendar-year period that includes summer semesters of the junior and senior years. Please note that the sequence of pre-professional science courses requires careful planning. Students are required to consult a MLS advisor each semester during the pre-professional phase.

Pre-Professional Phase (on campus and online)	Semester Hours
Area I. Written Composition.....	6
English Composition (ENGL 1010 and 1020) <sup>1</sup> .....	6
Area II. Humanities and Fine Arts.....	12
Literature <sup>2</sup> .....	3
Fine Arts .....	3
Public Speaking (COMM 2212) .....	3
Elective <sup>2</sup> .....	3
Area III. Natural Sciences and Mathematics <sup>3</sup> .....	11
Precalculus, Algebra and Trigonometry (MATH 1150) .....	4
General Chemistry (CHEM 1100/1101, 1200/1201).....	8
Area IV. History, Social and Behavioral Sciences .....	12
History <sup>2</sup> .....	3
Electives <sup>2</sup> .....	9
Area V. Pre-Professional, Major and Elective Courses <sup>3</sup> .....	19
BIO Statistics (BIOL 2200) <sup>4</sup> .....	3
Applied Organic Chemistry (CHEM 2300/2301) .....	4
Principles of Biology I (BIOL 1010/1011) .....	4
Microbiology (BIOL 2010/2011) .....	4
Human Anatomy and Physiology II (BIOL 2110/2111) .....	4
Total .....	63

<sup>1</sup> A grade of C or better is required for each course.

<sup>2</sup> A 6-semester hour sequence either in literature or in history is required. If a second literature is chosen, it will apply as the 3 elective hours in Area II. If a second history is chosen, it will apply as 3 of the elective hours in Area IV.

<sup>3</sup> A grade of C or better is required in each science and math course listed.

<sup>4</sup> Survey of Computers (CSCI 1000) and Statistics (MATH 2670) can be substituted for BIOL 2200 for Area V.

**Campus Professional Phase<sup>1</sup> (74 semester hours)****Semester Hours****First Year**

CLLS 3013 Laboratory Techniques .....	4
CLLS 3103 Immunology and Serology .....	4
CLLS 3153 Immunohematology I.....	3
CLLS 3203 Urinalysis and Body Fluids .....	3
CLLS 3243 Clinical Hematology I.....	3
CLLS 3253 Clinical Hematology II.....	3
CLLS 3303 Clinical Microbiology I .....	3
CLLS 3313 Clinical Microbiology II .....	4
CLLS 3353 Clinical Parasitology and Mycology I .....	3
CLLS 4513 Research Techniques in Clinical Chemistry.....	1
CLLS 3433 Methods of Drug Analysis.....	4
CLLS 3443 Clinical Chemistry I.....	4

**Second Year**

CLLS 4040 Comprehensive Review .....	1
CLLS 4054 Phlebotomy .....	1
CLLS 4080 (WI) Laboratory Management and Education.....	3
CLLS 4114 Clinical Serology.....	1
CLLS 4163 Clinical Immunohematology II .....	3
CLLS 4174 Clinical Immunohematology III .....	2
CLLS 4214 Clinical Urinalysis.....	1
CLLS 4263 Clinical Hematology III.....	4
CLLS 4274 Clinical Hematology IV .....	3
CLLS 4323 Clinical Microbiology III.....	4
CLLS 4334 Clinical Microbiology IV.....	3
CLLS 4364 Clinical Parasitology and Mycology II.....	1
CLLS 4453 Clinical Chemistry II.....	4
CLLS 4463 Clinical Chemistry III .....	2
CLLS 4474 Clinical Chemistry IV.....	3

<sup>1</sup>A grade of C or better is required for each professional phase course.

**Online Professional Phase<sup>1</sup> (57 semester hours)****Semester Hours****First Year**

CLLS 3013 Laboratory Techniques .....	4
CLLS 3103 Immunology and Serology.....	4
CLLS 3203 Urinalysis and Body Fluids.....	3
CLLS 3243 Clinical Hematology I.....	3
CLLS 3253 Clinical Hematology II .....	3
CLLS 3353 Clinical Parasitology and Mycology I .....	3
CLLS 3443 Clinical Chemistry I.....	4
CLLS 4080 (WI) Laboratory Management and Education.....	2
CLLS 4453 Clinical Chemistry II.....	4

Second Year

CLLS 3153 Immunohematology I .....	3
CLLS 3303 Clinical Microbiology I.....	3
CLLS 3313 Clinical Microbiology II.....	4
CLLS 3503 (WI) Perspectives in Clinical Laboratory Sciences.....	4
CLLS 4040 Comprehensive Review .....	1
CLLS 4163 Clinical Immunohematology II .....	3
CLLS 4263 Clinical Hematology III.....	4
CLLS 4323 Clinical Microbiology III.....	4
CLLS 4463 Clinical Chemistry .....	2
Total.....	57

<sup>1</sup>A grade of C or better is required for each professional phase course.

Alabama Marine Environmental Sciences Consortium

The Marine Environmental Sciences Consortium (MESC) is Alabama’s unique approach to marine education and research. The MESC is charged with supporting the marine environmental science programs of 22 member colleges and universities within the state by combining financial, academic and intellectual resources in one place. The MESC is housed at the Dauphin Island Sea Lab, an internationally renowned facility where courses and research in marine science can be pursued.

The Dauphin Island Sea Lab is located on the east end of Dauphin Island, 35 miles south of Mobile, Ala. The facilities can accommodate about 160 persons in residence. Support facilities include an apartment building, two dormitories, a cafeteria, eight three-bedroom family houses, a swimming pool and other amenities. Specific facilities available to consortium members include the Dauphin Island Sea Lab, Point aux Pins Marsh Lab, vessels (R/V Alabama Discovery and R/V E.O. Wilson) and boats, teaching classrooms, library, research laboratory space with state-of-the-art instrumentation and equipment, and computing services supporting academic, research and administrative departments.

Course offerings vary between sessions and years. In addition to many summer courses being undergraduate and graduate level, other graduate courses are offered throughout the year for resident students. Classes are taught by MESC faculty as well as faculty from member schools and institutions outside the state. Courses have a lecture element, but laboratory exercises are predominantly field-oriented. Students are expected to attend a series of weekly seminars where internationally known scientists are invited to speak.

Marine Environmental Sciences

AUM is a member of the Alabama Marine Environmental Science Consortium. Students enrolled at AUM may take select courses at the Dauphin Island Sea lab in Mobile. For a current listing of marine biology courses, students are urged to consult the Sea Lab website, [www.disl.org](http://www.disl.org).

Students who are interested in taking marine biology courses should contact Dr. John Aho in the Department of Biology (334-244-3787). Students are urged to sign up for marine biology courses at the beginning of the spring semester. The following courses include those that have been previously offered.

MESC 2000 Level	Semester Hours
Coastal Climatology.....	2
Coastal Zone Management .....	2
Coastal Geomorphology.....	2
Dolphins and Whales .....	2
Biology and Conservation of Marine Turtles.....	2
Shark and Ray Biology .....	2
Hurricanes of the Gulf of Mexico .....	2
Marine Technical Methods .....	2
Coastal Birds of Alabama .....	2
MESC 4000 Level	
Marine Biology .....	4
Introduction to Oceanography.....	4
Marine Invertebrate Zoology .....	4
Marsh Geology.....	4
Marsh Ecology .....	4
Marine Conservation Biology .....	3
Introduction to Neurobiology.....	3
Marine Botany.....	4
Marine Vertebrate Zoology.....	4
Marine Ecology.....	4
Coastal Wetlands Ecology .....	4

■ **Justice and Public Safety Major**

The undergraduate program in justice and public safety (JPS) offers the Bachelor of Science degree to the student seeking comprehensive education for a professional career in the justice and public safety field. This major provides broad academic preparation in both general education and advanced legal course work of a specialized nature in either the criminal justice track or the legal studies track.

The student may not transfer more than the equivalent of half the required hours of justice and public safety course work into his or her major area. The degree requires 120 semester hours of course work, which include the university general education requirements, the major required and elective courses described below and general electives. Students must choose COMM 1010 or 2212, as one of the two required core courses within the humanities and fine arts area. In addition to AUM core requirements, students must take POLS 2020, a departmental requirement, within the history, social and behavioral sciences area; and must take MATH 2670,

Criminal Justice Track

The JPS criminal justice track provides preparation for careers in corrections, juvenile justice, law enforcement and security administration. Students complete 12 required courses, take at least three courses in one of the four specialization options and at least one course in each of the specialization options.

Required JPS Courses (38 hours)	
JUST 1150 Introduction to Justice and Public Safety.....	3
JUST 3040 Organization and Administration.....	3
JUST 3120 Investigative Methods.....	3
JUST 3620 Criminal Law.....	3
JUST 3630 Evidence/Criminalistics.....	3
JUST 4000 JPS Quantitative Methods.....	3
JUST 4403 JPS Information Systems .....	3
JUST 4510 JPS Planning & Budgeting .....	3
JUST 4640 Criminal Procedure.....	3
JUST 4700 Research Methods (WI).....	4
JUST 4710 Alternative Dispute Resolution (WI).....	4
JUST 4750 Survey of Crime Theories.....	3
Total Required Hours.....	38
(WI) denotes a writing-intensive course.	

Specialization Options (18 hours) (one course in each category, plus at least one category with three courses). Special Topics courses (JUST 4970) may substitute for Specialization Courses.

Law Enforcement

- JUST 1250 Law Enforcement Theory and Practice
- JUST 3130 Supervision and Management
- JUST 4410 Law Enforcement Administration
- ORGL 2930 Values and Ethics for Leadership (WI)

Corrections

- JUST 3510 Corrections Theory and Practice
- JUST 4420 Correctional Administration
- JUST 4530 Community Corrections
- ORGL 2930 Values and Ethics for Leadership (WI)

Juvenile Justice

- JUST 4540 Juvenile Justice Law
- JUST 4610 Juvenile Justice Administration
- JUST 4670 Family Law
- ORGL 2930 Values and Ethics for Leadership (WI)

**Security Administration**

JUST 1160 Introduction to Security

JUST 4370 Security Administration

JUST 4580 Loss Prevention

ORGL 2930 Values and Ethics for Leadership (WI)

**Internship or Special Topics course****Legal Studies Track**

The JPS legal studies track provides preparation for careers in the fields of paralegal/legal assistant and judicial administration. Students interested in pursuing law school may wish to consider the JPS legal studies track, although no specific major is required by most law schools.

The JPS paralegal education program is approved by the American Bar Association. Students completing the legal studies track will receive the paralegal certificate. Additionally, under either the Legal Studies Minor or Certificate-Only Program, any degree seeking student of any major at AUM who completes the Alabama core courses (41 hours) and the six designated Legal Studies courses (designated by \* below) will receive the certificate.

Please note: The Outreach Program paralegal certificate courses offered at Auburn University, Auburn, Alabama, are not ABA-approved.

Paralegals/legal assistants are not lawyers, but rather assist lawyers. Please note that Alabama law prohibits the practice of law by non-lawyers, including paralegals/legal assistants. Paralegals may not provide legal services directly to the public, except as permitted by law.

The objective of the paralegal education program is to produce an extremely competent and well-rounded individual who will be able to assist an attorney in various areas of the law. AUM is an institutional member of the American Association for Paralegal Education.

No student earning a grade of F in a required legal studies course at AUM will be permitted to transfer credit from another school to offset that lower grade; the course must be repeated in residence at AUM. All transfer credits must be approved by the paralegal education program director.

**Required Legal Studies Courses****Semester Hours**

JUST 1150 Introduction to JPS

JUST 1270 Introduction to Law

JUST 4600 Business Organizations for Paralegals

JUST 4602 Legal Research\*

JUST 4622 Legal Writing\*

JUST 4650 Civil Litigation\*

JUST 4660 Court and Judicial Administration

JUST 4710 Alternative Dispute Resolution (WI)*	
JUST 4800 Paralegal Studies/Legal Ethics*	
JUST 4813 Computer Applications in Law*	
ENGL 3060 Business and Professional Writing	
JUST 4000 Quantitative Methods	
Total Hours .....	41

**Legal Track Electives (18 hours)**

(choose six courses from the following):

JUST 3120 Investigative Methods	
JUST 3620 Criminal Law	
JUST 3630 Evidence/Criminalistics	
JUST 3730 Real Estate Law	
JUST 3740 Law Office Management	
JUST 3720 Wills/Trusts/Estate Planning	
JUST 4540 Juvenile Justice Law	
JUST 4590 Bankruptcy	
JUST 4640 Criminal Procedure	
JUST 4670 Family Law	
JUST 4680 Torts/Civil Actions	
JUST 4720 Constitutional Law I	
JUST 4740 Constitutional Law II	
JUST 4780 Administrative Law	
JUST 4924 Internship	
JUST 4930 Directed Research	
ENGL 3050 Advanced Expository Writing	
Total Hours .....	41

(WI) denotes writing-intensive course

■ **Mathematics Major**

Students wishing to major in mathematics may choose one of four tracks: the traditional mathematics major (MH), the mathematics education option (MHSE), mathematical sciences with an emphasis in computer science (MHC) option and an option of mathematics economics (MHE). Students in all four options must meet university general studies requirements as well as requirements of the MH major.

Many students planning to enter fields related to the physical, computer and social sciences, as well as medicine, choose to major in mathematics. In fact, the medical school acceptance rate for applicants with a major in mathematics is greater than the average acceptance rate for all applicants. The designation PMM is used for students in pre-medical, pre-dental or pre-optometric programs who desire to major in mathematics. These students must complete the requirements for one of the four options in mathematics. Therefore, it is important for these students to consult their designated advisors in mathematics as well as advisors in the pre-

The traditional mathematics major is recommended for students who intend to continue their education with graduate work in mathematics, medical studies or related fields. This option also provides a subject area degree for secondary education students with a major in mathematics; however, such students should maintain contact with advisors in the School of Education to ensure that all requirements for teacher certification are met.

The mathematical sciences options are intended for students who will be seeking employment immediately after graduation or those who intend to continue their education with graduate work in fields related to and requiring a strong mathematics background. These programs place emphasis on the applicability of mathematics in the areas indicated.

The requirements for these options are designed to offer as much freedom as possible while assuring that students meet minimal requirements in liberal education and professional standards in mathematics. While in residence at AUM, each student majoring in one of the three mathematics options must complete at least 12 semester hours of approved mathematics courses at the 3000 level or above with grades of C or above. Exceptions to this provision must be approved by the department head.

Students interested in majoring in mathematics should be in frequent contact with their departmental advisors. Because some upper level courses are offered only in alternate years, careful scheduling of courses is essential. All electives must be approved by the Department of Mathematics; in particular, except for courses specifically required in one of the three options, at most three hours of credit for mathematics and computer programming courses below the 3000 level can be applied toward a degree in mathematics.

Students in MH, MHE and MHC options must complete the following AUM core courses:

Requirements	Semester Hours
Area I. Written Composition	
ENGL 1010 and ENGL 1020 .....	6
Area II. Humanities and Fine Arts	
Fine Arts.....	3
Literature.....	3
(MH) Foreign Language .....	6
(MHE) Foreign Language.....	3
(MHC) Second approved literature course.....	3
(MHC & MHE) COMM 1010 .....	3
Area III. Natural Sciences and Mathematics	
MATH 1610.....	3
PHYS 2100.....	3



PHYS 2200 (MH & MHE may take BIOL 1010 in lieu of PHYS 2200)... 3

Area IV. History, Social and Behavioral Sciences

HIST 1010 and HIST 1020 ..... 6..

(MH & MHC) Approved social sciences courses ..... 6

(MHE) ECON 2010 and ECON 2020 ..... 6

Area V.

MATH 1620 ..... 4

MATH 2000 (WI) ..... 4

MATH 2630 ..... 4

MATH 2660 ..... 3

MATH 2690 ..... 3

MATH 4950 (WI) ..... 4

ENGL 3060 ..... 3

Total ..... 65

Students pursuing the traditional mathematics major must complete these additional requirements:

CSCI 1200 or CSCI 2000 ..... 3

COMM 1010 ..... 3

MATH 2000 (WI) ..... 4

MATH 2670 or MATH 4670..... 3

MATH 4200 or MATH 4300 ..... 3

MATH 4210 ..... 3

MATH 4310 ..... 3

MATH 4220 or MATH 4320 ..... 3

MATH 4230..... 3

MATH 4950 (WI) ..... 4

MATH 2000..... 3

3 hours of mathematics electives at the 3000 level or above  
(PHIL 3700 may be used)

8 hours of approved science electives chosen from BIOL, CHEM or PHYS

9 hours (a concentration) of approved electives in one subject outside  
mathematics

3 hours of electives at the 2000 level or above

Total Required Hours ..... 120

(WI) denotes a writing-intensive course

Students pursuing the option in mathematical sciences with an emphasis in computer sciences must complete the following requirements in addition to the core courses:

MATH 2000 ..... 3

MATH 4200..... 3

MATH 4400..... 3

MATH 4600..... 3

MATH 4670..... 3

Math ECON ..... 3

MATH 4950 (WI) ..... 2

School of Sciences	157
CSCI 2000 .....	2
CSCI 3000 .....	2
ECON 4100, 4110 .....	6
Approved ECON 4000 .....	3
Electives at the 2000 level or above .....	11
8 hours of two courses selected from BIOL 1010, BIOL 1020, CHEM 1100, or CHEM 1200	
9 hours of approved electives in CSCI	
Total Required Hours .....	120

Students pursuing the mathematical economics option must complete the following requirements in addition to the core courses:

- MATH 2000
  - MATH 4200
  - MATH 4210
  - MATH 4230
  - MATH 4310
  - MATH 4600
  - MATH 4670
  - Math ECON
  - MATH 4950 (WI)
  - CSCI 2000
  - CSCI 3000
  - ECON 4100, 4110
  - Approved ECON 4000 elective to a total of 120 hours.
- (WI) denotes a writing-intensive course*

The mathematics education (MHSE) option is a joint program provided by the Department of Mathematics and the Department of Foundations and Secondary Education. This option is available for students wanting to teach mathematics in secondary schools. This program leads to a teaching certificate in Alabama for grades 6 to 12. Students will be assigned academic advisors in both departments. Students will be expected to satisfy School of Education requirements concerning admission to professional education and professional internship along with graduation requirements expected of students in both departments.

In addition to the core requirements and School of Education requirements, students pursuing the option in mathematics education (MHSE) must complete the following requirements:

MATH 1150 .....	4
MATH 1610.....	4
MATH 1620 .....	4
MATH 2630.....	4
MATH 2660.....	3

MATH 2670.....	3
MATH 4110.....	3
MATH 4200.....	3
MATH 4210 .....	3
MATH 4310 .....	3
MATH 4470.....	3
MATH 4950.....	1
CSCI 2000 .....	3
Approved 3000/4000 MATH or CSCI elective.....	3
(WI) denotes writing-intensive course	

Minor in Mathematics

The minor in Mathematics consists of 16 credit hours in mathematics. In addition to MATH 2630, MATH 2660, and MATH 2690, students must select two 4000 level courses with the exception of MATH 4950.

■ Organizational Leadership Major

The Organizational Leadership degree is designed to develop individuals who have the knowledge and capability to take on leadership roles in a variety of settings. It was created to provide a curriculum where students can advance their leadership skills while sharing ideas and experiences through the scientific study of leadership theories using a multidisciplinary curriculum. The program has applications to military professionals, state and federal agencies, law enforcement, universities and colleges, non-profit organizations, as well as other organizations engaged in counseling, training and development, life-span learning, and health care.

The degree requires 120 semester hours of course work, which include the university’s general education requirements, the major requirements and elective courses described below and general electives. Students must choose COMM 1010 or 2212 as one of the two required core courses within the humanities and fine arts area. In addition to AUM core requirements, students must take POLS 2020, a departmental requirement, within the history, social and behavioral sciences area; and must take MATH 2670, an additional requirement by the School of Sciences. MATH 2670 may be substituted by JUST 4000 with academic advisor approval.

Program Requirements:	Semester Hours
I. Completion of the AUM Core Curriculum .....	41

Students must choose COMM 1010 or COMM 2212 and POLS 2020 as part of the AUM core requirement.

II. Program Completion Requirements:	
ORGL 1010 Introduction to Organizational Leadership .....	3
ORGL 2930 Values and Ethics for Strategic Leaders (WI) .....	4
EDU 3890 Fundamentals of Counseling.....	3

School of Sciences	159
JUST 4710 Alternative Dispute Resolution (WI)	4
JUST 4000 JPS Quantitative Methods	3
Total Hours	17

III. Additional Program Completion Requirements:

Complete Group A or Group B courses

Group A (non-ROTC students)

ORGL 3010 Leadership in Crisis	3
JUST 3040 Organization and Administration	3
ORGL 3970 Team Building I	3
ORGL 4710 Team Building II	3

OR

Group B (ROTC students)

MILS 3010/3011 or AS 300 Leadership and Problem Solving w/Lab	4
MILS 3020/3021 or AS 301 Leadership and Ethics w/Lab	4
MILS 4010/4011 or AS 400 Leadership and Management w/Lab	4
MILS 4020/4021 or AS 401 Officership w/Lab	4

Total Hours	12-16
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(WI) denotes a writing-intensive course

IV. Choose any 5 of the following:

ORGL 4970 Leadership Independent Study	3
ORGL 2940 Law for Leaders	3
ECON 2020 Economics II (Macro)	3
ACCT 2010 Intro to Financial Accounting	3
JUST 3040 Organization and Administration	3
JUST 4510 Planning and Budgeting	3
JUST 3010 CBRN Defense	3
JUST 3130 Supervision and Management	3
JUST 3730 Real Estate Law	3
JUST 4930 Directed Research	3
JUST 4370 Security Administration	3
JUST 4700 Research Methods (WI)	3
POLS 4710 Admin of NP Organizations	3
ENGL 3030 Technical Writing	3

Total Hours	15
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V. Choose any 2 of the following:

COMM 1010 Intro to Human Communication	3
COMM 2250 Intro to Political Communication	3
COMM 3800 Public Relations I	3
JUST 4813 Computer Applications in Law	3

CSCI 1000 Survey of Computer Apps .....	3
INFO 2050 Computer Applications for Business .....	3
INFO 2070 Intro management Information System.....	3
SCED 1000 Intro to Computer Literacy .....	3
Total Hours .....	6

VI. Regional Studies Requirement:

Students can take any language in sequence: French, Chinese, German, or Spanish, and/or GEO/INTL 2150 Human Geography and/or GEO/INTL 2050 Geography of World Regions

Total Hours.....	6
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VII. Approved Electives: Students are required to have a minimum of 15 hours of approved electives.

- All Aerospace and Military Science courses are approved electives.
- All 3000 level and above Justice and Public Safety courses are approved electives.
- All Biology 2000 level and above courses are approved electives.
- All other electives must be approved by an ORGL academic advisor.
- Only one (1) 1000/2000 level business course can be taken.

To earn a degree in Organizational Leadership, students must have earned not less than 120 credit hours and have passed a minimum of 14 courses at the 3000 level or above.

■ Physical Science Major

The physical science curriculum is designed for students who intend to study in professional and graduate schools in the professional and health sciences or in the applied physical sciences such as chemistry or who are interested in working in government or private laboratories. Previous graduates have enjoyed much success in these areas.

Electives should include any additional prerequisites required for the specific program to be pursued after graduation from AUM. It is important that students enroll in their first mathematics course (as determined by their mathematics placement test score) and general chemistry at the earliest possible opportunity. Students are encouraged to discuss career opportunities with faculty members in the department before the end of their sophomore year.

Requirements	Semester Hours
Chemistry (excluding PSCI 1500/1501 and CHEM 4980) .....	28
Physics .....	8
Mathematics (including MATH 1510 or MATH 1610 and MATH 2670) ....	6-7
Computer Science .....	3

**AUM Core Curriculum:**

Area I. Written Composition	
English Composition (ENGL 1010 and 1020).....	6
Area II. Humanities and Fine Arts.....	12
Area III. Natural Sciences and Mathematics.....	11 <sup>1</sup>
Area IV. History, Social and Behavioral Sciences .....	12
Electives <sup>2</sup> .....	41-42
Senior Seminar .....	3
Total Hours .....	120

<sup>1</sup>Area III. core courses are to be included in 11 semester hours of mathematics, chemistry or physics.

<sup>2</sup>Elective credit can be obtained for PSCI 1500/1501. Credit will not be allowed for any course below the 1000 level. Credit will not be allowed for PSCI 1100, or BIOL 1050 or any mathematics course below MATH 1100.

**Chemistry Option to Physical Science Degree**

This option is intended for students planning to attend graduate school in the chemical sciences. Faculty members in the department will be pleased to discuss the attractive career prospects for students who complete this program.

Requirements	Semester Hours
General and Organic Chemistry .....	16
Chemistry Electives .....	16
Chemistry Directed Study .....	4
Physics .....	8
Mathematics (including MATH 1610 and MATH 2670 and one additional .. mathematics course above MATH 1610).....	13
Computer Science .....	6

**AUM Core Curriculum:**

Area I. Written Composition	
English Composition (ENGL 1010 and 1020).....	6
Area II. Humanities and Fine Arts.....	12
Area III. Natural Sciences and Mathematics.....	11 <sup>1</sup>
Area IV. History, Social and Behavioral Sciences .....	12
Electives <sup>2</sup> .....	24
Senior Seminar .....	3
Total Hours .....	120

<sup>1</sup>Area III core courses are to be included in 11 semester hours of mathematics, chemistry or physics.

<sup>2</sup>Elective credit can be obtained for PSCI 1500/1501. Credit will not be allowed for any course below the 1000 level. Credit will not be allowed for PSCI 1100, or BIOL 1050 or any mathematics course below MATH 1100.

**Physical Sciences/Forensic Sciences Option**

The physical sciences degree is an excellent choice for students interested in a career in forensic sciences. Students pursuing the physical sciences forensic sciences option are recommended to take the following courses within the physical science curriculum.

**In Chemistry:**

CHEM 2103 and CHEM 4303

As Electives:

BIOL 1010

BIOL 1020

BIOL 3100

JUST 1150

JUST 3630

For those wishing to do DNA work, BIOL 3303 and BIOL 4603 are also required. See physical sciences advisor for further information.

**Pre-Medical Sciences/Physical Science Option**

AUM does not offer a general pre-medical degree, but for the student’s benefit provides a specific pre-professional curriculum within an academic major. The curriculum in the major is designed for students planning to apply to medical, dental or optometry school. Physical science majors have enjoyed considerable success on application for admission to these schools. This is consistent with nationwide trends.

It is important that students selecting the pre-medical sciences/physical science option (PMP) consult with an advisor to determine which degree program (physical sciences or chemistry) is most suitable to their pre-professional plans. Both programs provide all the prerequisites for application to health professional schools. The physical science option is a particularly flexible curriculum that is attractive to students who want more opportunities to choose their courses and customize the major to reflect their special interests.

The following list is a general outline of the Physical Science degree requirements for a student planning to attend a health professional school in Alabama. Students should consult with an advisor in the department for details and the specific requirements for a particular professional school.

Requirements	Semester Hours
General Chemistry.....	8
Organic Chemistry.....	4-8
Chemistry Electives.....	12-16
Physics .....	8
Mathematics .....	7

School of Sciences	163
Computer Sciences .....	3
University Core (beyond 11 hours in science and math) .....	30
Electives (Including required biology courses) .....	41
Senior Seminar.....	3
Total Hours .....	120

In the event that PMP majors do not enter a professional health science school, employment rates for students with strong backgrounds in chemistry are very high. In addition, large numbers of teaching assistantships are available for students who enter graduate programs in chemistry. It should be noted that either employment or financial assistance in graduate school is best obtained when applications are made at least six months before graduation. Contact the health sciences advisor for more information.

## ■ Political Science Major

The Department of Political Science and Public Administration at AUM provides the student with the opportunity to pursue course work leading to a Bachelor of Science in Political Science. The undergraduate program is intended to provide a broad educational experience for persons interested in professional preparation for diverse kinds of public service, pre-law or advanced professional education. .

All majors in political science will follow a plan of study that will include the courses and areas listed below:

AUM Core Curriculum Requirements	Semester Hours
Area I. Written Composition	
English Composition (ENGL 1010 and 1020)1 .....	6
Area II. Humanities and Fine Art	
Literature (one course minimum; sequence of either literature or history required): ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600, ENGL 2610.....	3
Fine Arts (one course): VISU 1000, MUSI 2110, MUSI 3110, MUSI 2120, THEA 2040 .....	3
Humanities and Fine Arts Electives (one or two courses): VISU 1000, VISU 2030, VISU 2040, MUSI 2500, MUSI 2510, THEA 2040, COMM 1010, COMM 2100, COMM 2212, PHIL 2000, PHIL 2010, INTL (foreign language)	
Total .....	12
Area III. Natural Science and Mathematics	
Mathematics (one course): MATH 1100, MATH 1150, MATH 1610,MATH 2630, MATH 2640, MATH 1620.....	3
Sciences (two laboratory courses):	
Choose astronomy, biology, chemistry, geology or physics .....	8
Total .....	11
Area IV. History, Social Sciences and Behavioral Sciences (four courses)	



History (two courses; sequence of either literature or history required):	
HIST 1010, HIST 1020, HIST 2010, HIST 2020 .....	6
Economics: ECON 2010 and ECON 2020 .....	6
Total .....	12
Total Core Requirements .....	41

**Non-Political Science Requirements**

MATH 2670 or MATH 2680 .....	3
PSYC 2110 3	
JUST 1150 3	
ENGL 30503	
HIST 1010, HIST 1020, HIST 2010, HIST 2020 (choose two) .....	6
Total Non-POLS .....	18

**Required Political Science Courses**

POLS 2000 3	
POLS 2020 3	
POLS 2030 3	
POLS 3010 3	
Eight additional 3000 or 4000 level political science courses.....	24
Total Hours Political Science.....	36

**Minor**

Five 2000 or above courses not otherwise required by the political science major	
Total Minor Hours .....	15

**Electives**

Total Elective Hours .....	12
Total Hours Required.....	122

No specific curriculum sequence is listed in order to provide students with a considerable amount of scheduling flexibility. It is important that core courses be completed as soon as possible, that ENGL 1010 and ENGL 1020 be completed in the student’s freshman year and that MATH 1100 or MATH 1150 and MATH 2670 or MATH 2680 be completed in the freshman or sophomore year.

**Pre-Law—Political Science**

Political science is one of the most frequently selected pre-law majors.

**Public Administration**

Students wishing to prepare for a professional public service career should pursue the undergraduate degree in political science. Upper division courses in the area of public administration such as POLS 3330 Municipal Politics may be selected as a part of the major. Students should understand, however, that a successful career in public sector management normally requires a master’s degree.

■ **Psychology Major**

The Department of Psychology promotes the generation, development and transfer of scientific and professional knowledge through its programs of teaching, research and service. The goal of the undergraduate program is to provide students with a comprehensive grounding in scientific psychology, which is intended to result in critical thinking skills and a systematic knowledge of human behavior. Students appropriately distinguish between concepts used in the discipline of psychology, differentiate the various research methodologies used in psychology and competently explain behavior and cognitive-affective states with respect to biological, social and cultural influences.

The following university core courses are required:

<b>AUM Core Curriculum Requirements</b>	<b>Semester Hours</b>
Area I. English Composition .....	6
Area II. Humanities, Fine Arts and Literature .....	12
Area III. Natural Sciences and Math (MATH 1100 or MATH 1150) .....	11
Area IV. History and Social Sciences .....	12
Total Core Requirements .....	41

**Required Courses for the Psychology Major**

The student majoring in psychology must take the following: (a) the core courses (PSYC 3193 meets the university computer literacy requirement); (b) one course from each of the three substantive areas; and (c) electives that bring the total major credits to at least 48 semester hours.

<b>Psychology Major Core</b>	<b>Semester Hours</b>
PSYC 2193 Research Design .....	4
PSYC 3193 Research Statistics .....	4
PSYC 4153 Principles of Psychological Assessment.....	4
PSYC 4160 History and Systems in Psychology .....	3

**Areas**

A. Cognitive-Learning Bases of Behavior (one of the following): .....	
PSYC 3123 Behavior Analysis .....	4
PSYC 3280 Learning .....	3
PSYC 3660 Cognitive Psychology .....	3
B. Biological Bases of Behavior (one of the following): .....	
PSYC 4320 Physiological Psychology .....	3
PSYC 4330 Sensation and Perception .....	3
PSYC 4340 Health Psychology.....	3
PSYC 4350 Psychopharmacology: Drugs and Behavior .....	3
C. Personal-Cultural-Social Bases of Behavior (one of the following): .....	
PSYC 3450 Social Psychology .....	3
PSYC 3460 Psychology of Women.....	3

PYSC 3470 Culture of Psychology ..... 3  
 PSYC 3510 Personality ..... 3  
 PSYC 3530 Abnormal Psychology ..... 3  
 PSYC 3780 Developmental Psychology ..... 3

Specialization and Application (one of the following)

PSYC 4902 Independent Study in Psychology..... 3  
 PSYC 4924 Practicum in Psychology..... 3  
 PSYC 4952 Seminar in Psychology (preferred option) ..... 3  
 Psychology Electives .....21-22

Total Psychology Program Hours ..... 48-49

Summary of Requirements for Bachelor of Science in Psychology

AUM Core .....41  
 Psychology Major ..... 48  
 University Electives .....31  
 Total Hours ..... 12

■ Reserve Officers Training Corps  
 Army/Military Science and Leadership (MILS)

Department of Military Science

The purpose of the Army ROTC curriculum is to develop well-educated junior officers for the Active Army as well as the Army National Guard and Army Reserve. The curriculum is divided into two course levels: a general leadership course (basic course) open to all freshmen and sophomores and an officer development course (advanced course) for contracted juniors, seniors and graduate students. Successful completion of both courses and award of a bachelor’s degree constitute the normal progression to earning a commission as a second lieutenant.

A student undecided about pursuing a commission may keep this option open by participation in the general leadership course together with his or her chosen curriculum. The course provides freshmen and sophomores the opportunity to make an educated decision on the advantages of earning an officer’s commission while incurring no military obligation. Successful completion of the general leadership course or commensurate training is a prerequisite for enrollment in the officer development course.

The Army ROTC curriculum prepares students to become effective leaders and managers in a variety of challenging commissioned officer specialties, thus facilitating early middle management career development and progression. The student will not only perform the staff work in planning these various functions, but will be in charge of running them.

**General Leadership Course (Basic Program)**

The basic program consists of a four-semester block of instruction normally taken during the freshman and sophomore years. These general leadership courses consist of a wide variety of military science topics at the 1000 and 2000 level.

These courses provide a foundation in basic military subjects as well as time management, stress management, financial management, first aid and ethics. Selected courses are offered during fall and spring semesters with one or two credit hours gained for each course. Elective credits earned apply toward degree requirements in all schools of the college. Freshman level courses are one hour a week (plus one hour of Leadership Lab), while sophomore level courses are two hours each week (plus one hour of Leadership Lab). Students enrolled in any of the basic courses do not incur any military obligation unless they are ROTC scholarship students or receiving other ROTC financial benefits.

**Simultaneous Membership Program (SMP)**

Another way to get a head start on your future as an officer is through the Simultaneous Membership Program (SMP), a volunteer officer training program that allows Army National Guard and Army Reserve enlisted members to participate, starting in the sophomore year while still enrolled in the basic course.

Upon completion of basic training, soldiers who are academic sophomores can join the ROTC Program and earn commissions as officers in the U.S. Army upon completing their college degree.

ROTC SMP students are paid for their guard/reserve training and receive the ROTC stipend once contracted. Once contracted, an SMP is also non-deployable, which ensures the cadets timely graduation.

Upon completing the ROTC program, the officer has an eight-year obligation, which can be served in the reserve forces, on active duty or as a combination of the two. The last four years of the commitment may be served in the Individual Ready Reserve (IRR).

**Leaders Training Course**

Those academically qualified students who are unable to fulfill the requirements of the basic program during their freshman and sophomore years may qualify for admission to the officer development course by successfully completing AROTC leaders training Course preparatory training. This option is primarily designed to meet the needs of transfer students, those completing the sophomore year and others, including graduate students, who have four semesters (two years) remaining at the university. This option provides a two-year program in lieu of the standard four-year curriculum.

The leaders training course option consists of a five-week training period conducted at Ft. Knox, Ky., during the summer months. Students must submit a formal application and pass a general physical. They will receive over \$800 in addition to travel expenses to and from the camp. Uniforms, housing, medical care and meals are furnished by the government at no charge to the student during the camp. The deadline for applications is April 20. Interested students should contact the Military Science Department at 334-244-3528.

### **Officer Development Course (Advanced Program)**

The advanced program, which is composed of the MILS 3000 and 4000 series courses, is designed to fully develop a cadet's leadership and management potential as well as those personal characteristics desired of an Army officer. Its objective is to produce the highest caliber junior officer, fully capable of discharging a wide spectrum of command and management responsibilities in the modern Army.

The officer development course consists of four semesters of classes normally taken during the junior and senior years. Successful completion of four courses, together with leadership laboratory, fulfills military science academic requirements for award of an officer's commission. Three credit hours per semester are earned in each course. Students receive a subsistence allowance of \$450 a month for juniors and \$500 a month for seniors.

Service veterans, three- or four-year junior ROTC students, basic camp graduates, military junior college transfer students and former military academy cadets may qualify for direct entry into the officer development course. Department evaluation of previous military training determines appropriate placement in the overall curriculum.

Advanced course students are eligible to participate in the Simultaneous Membership Program (SMP) with the Army National Guard or Army Reserve. Students participating in this program affiliate with a National Guard or Army Reserve unit as student officers, affording them the opportunity for enhanced leadership development. When participating in the Simultaneous Membership Program, students receive the drill pay of a sergeant (E-5) in addition to their ROTC stipend.

Students enrolled in the officer development course are required to successfully complete a five-week leader development and assessment course (LDAC) at Fort Lewis, Wash., during the summer to become eligible for commissioning. Attendance at LDAC normally occurs in the summer between the junior and senior years. LDAC provides each cadet hands-on experiences in leadership development positions, extensive training in military tactics and related subjects vital to success as a junior officer. Students attending LDAC receive over \$800 in addition to travel expenses to and from Fort Lewis. Uniforms, housing, medical care and meals are furnished by the government at no charge to the student during the camp.

Additional voluntary training at a variety of active Army service schools is

available to selected students during the summer. Students may select attendance at Airborne School, Air Assault School, the Northern Warfare Training Center and Cadet Troop Leadership Training. Students who successfully complete the appropriate course are authorized to wear the coveted Parachutist Badge or Air Assault Badge.

Students who successfully complete the Army ROTC curriculum and who earn a bachelor's degree may be commissioned a second lieutenant. Subsequent military service may be on active duty or with the Army National Guard or Army Reserve. Active duty is normally for four years with the opportunity for successful officers to continue on extended service.

### **Scholarships**

Each year the Army offers a variety of scholarship programs to young men and women who have demonstrated outstanding academic scholarship and leadership potential. Two-, three- and four-year scholarships may be available directly through the professor of military science. Scholarships pay for full tuition and fees. In addition, they provide a yearly book allowance of \$1,200. This is in addition to the Army ROTC stipend. Special scholarships are also available for nursing students interested in joining the Army as a nurse. Students interested in competing for ROTC scholarships should contact the military science department at 334-244-3474.

### **Army ROTC as an Academic Minor**

The amount of ROTC credit awarded in the different schools and curricula varies considerably, with a maximum of 26 hours being accepted within a 120-hour degree program in any curriculum. Acceptance of ROTC credit within a student's program is at the discretion of the individual academic department. Such credit may be applied as undesignated elective credit or towards a minor.

Students pursuing a commission through Army ROTC may choose military science as a minor, if so permitted by the department head for their academic major. Courses that constitute the minor in military science include those 3000-level and 4000-level courses which belong to the Advanced ROTC program and which lead to a commission as an Army second lieutenant when completed. Students contemplating a minor in military science should first check with their academic advisors to ensure their program of study permits it.

### **Professional Military Education (PME) Requirements**

Students participating in the advanced development course must satisfy a professional military education requirement prior to receiving a commission as a second lieutenant. Professional military education is a continuous process that begins at the pre-commissioning stage and continues until retirement.

Three PME course requirements must be added to the ROTC curriculum to qualify a cadet educationally for commissioning. They are (1) completion of the

baccalaureate degree, (2) completion of the Advanced Course classes MILS 3010 through MILS 4020 and LDAC and (3) demonstrated proficiency in military history. The ROTC department has a listing of courses that fill the military history requirement.

# Description of Courses

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The subject name (subject area) together with the course number constitutes the official designation for the course for purposes of registration and official records. The specific course title appears following the course number. The figures in parentheses denote the number of hours of semester credit for the course. Following the credit hours will appear the pre-requisites (required courses to be taken prior to) and co-requisites (required courses to be taken simultaneously with), if applicable.



# Accounting (ACCT)

Professors Deal, Heier, Hollingsworth and Kamnikar  
Associate Professors Lang, Leach, Marudas and Turpen

**2010. Introduction to Financial Accounting (3). Pr., BUSN 1000, MATH 1100 or MATH 1120 or equivalent, sophomore standing or permission of dean.** An introduction to the fundamentals of financial accounting, including a study of the accounting process, how general-purpose financial statements are prepared and how to read and interpret these statements.

**2020. Introduction to Managerial Accounting (3). Pr., ACCT 2010.** Covers the use of accounting data in the management functions of planning and controlling through the study of the manufacturing process, budgeting, cost benefit analysis, cost-volume-profit analysis, performance evaluation, product costing and pricing.

**3110. Intermediate Accounting I (3). Pr., ACCT 2020, junior standing.** The study of accounting theory as it applies to accounting practice and financial reporting according to generally accepted accounting principles.

**3120. Intermediate Accounting II (3). Pr., ACCT 3110.** Continuation of ACCT 3110 with introduction of specialized accounting topics.

**3200. Accounting Information Systems (3). Pr., ACCT 2020, INFO 2070, junior standing.** Introduction to accounting information systems with an emphasis on the understanding of transactions and relationships found in basic transaction cycles and the internal controls required by management.

**3210. Managerial Cost Accounting (3). Pr., ACCT 2020, junior standing.** The study of cost behavior as it relates to cost accumulation, allocation and control procedures for manufacturing, service and governmental organizations, with an emphasis on job-order, process, activity and standard costing methods along with related budgeting and planning techniques.

**3310. Income Tax Accounting (3). Pr., junior standing.** Income taxation of individuals, sole proprietors, partnerships, corporations and fiduciaries with emphasis on role of taxation in the business decision-making process and introduction to basic tax research and use of tax software.

**4130. Advanced Financial Accounting (3). Pr., ACCT 3120.** 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.

**4230. Advanced Managerial Accounting (3). Pr., ACCT 3210.** 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.

**4320. Advanced Income Tax Accounting (3). Pr., ACCT 3310.** Specialized tax determination problems of individuals, corporations, estates and trusts. Additional emphasis on tax research and compliance. Duplicate credit will not be allowed for ACCT 4320 and ACCT 6320.

**4410. Auditing Financial Statements (3). Pr., ACCT 3120, ACCT 3200.** Principles and procedures of financial statements audits conducted in accordance with Generally Accepted Auditing Standards (GAAS); reviews and compilations; professional ethics and auditor independence.

**4420. Seminar in Auditing (3). Pr., ACCT 4410.** Case studies covering fraud and other illegal acts, auditor legal liability, auditor independence, professional ethics and other current issues in auditing.

**4430. Internal Auditing (3). Pr., junior 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.

**4500. Financial and Managerial Accounting for Government Managers (3), Pr., senior 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 accounting elective.

**4510. Government and Nonprofit Financial Reporting and Budgeting (3). Pr., ACCT 3110.** 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.

**4520. Government Auditing and Internal Control (3). Pr., ACCT 4510.** A study of internal and management control, auditing, performance measurement and reporting, and financial and managerial analysis techniques, concepts and controls in the governmental environment. Duplicate credit will not be allowed for ACCT 4520 and ACCT 6520.

**4530. Governmental Environment and Public Accountability (3). Pr., senior 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.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of classroom setting. May be repeated up to 6 hours.

**4924. 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.

**4970. Special Problems/Special Topics (3). Pr., junior standing, departmental approval.** Variable content in accounting within the classroom setting. May be repeated up to 6 hours.

## Biology (BIOL)

Professors Hall, Okia, Okeke and Stine (Dean)

Associate Professors Aho, Haddix, Thomson (Head) and Ward

Assistant Professors Estes, Jones, Kroft, Taylor and Qian

Instructors Dugan and Taliaferro

Lab Managers Rogers and Schmaeman

**0950. Orientation for Medical Sciences (1).** A course for pre-professional students in the health sciences. Emphasis on information and attitudes for accessing professional programs. Graded as satisfactory or unsatisfactory. Credit is in addition to minimum degree requirements.

**1010. Principles of Biology I (3).** Integrated principles of biology, beginning with the structure and function of the cell followed by reproduction, heredity and evolution. This course, along with BIOL 1011, satisfies a 4-hour core laboratory requirement in the area of natural sciences.

**1011. Principles of Biology Laboratory (1).** Laboratory exercises designed to support the concepts and principles of introductory BIOL 1010. Inquiry and the scientific method are emphasized. This lab, along with BIOL 1010, satisfies a core curriculum requirement in the natural sciences. This lab must be taken with or after successful completion of BIOL 1010.

**1020. Principles of Biology II (3). Pr., BIOL 1010, BIOL 1011.** Extends Principles of Biology I to include the systematic dynamics of structural and functional relationships of organisms. This course, along with BIOL 1021, satisfies a 4-hour core laboratory requirement in the area of natural sciences.

**1021. Principles Biology II Laboratory (1). Pr., BIOL 1010, BIOL 1011.** Supports the concepts and investigations associated with topics in BIOL 1020. This lab, along with BIOL 1020, satisfies a core curriculum requirement in the natural sciences. This lab must be taken with or after successful completion of BIOL 1020.

**1050. Environmental Biology and Man (3).** A non-major's course on ecological concepts at the population, community and ecosystem levels in relation to human activities, with emphasis on pollution, patterns of resource utilization and population growth.

**2000. Nutrition (3).** Principles of human nutrition and the factors that influence energy and nutrient requirements throughout the life cycle and in various lifestyles. Attention is given to nutrient deficiencies, toxicities, energy imbalances and evaluation of personal dietary intake.

**2010. Fundamentals of Microbiology (3).** Pr., BIOL 1010, BIOL 1011. A course covering basic aspects of microbiology including sterilization, disinfection, action of antimicrobial chemotherapeutic agents, concepts of infection and immunity, study of certain selected infectious agents, and aspects of applied microbiology. Biology majors cannot receive Area V (major credit) for both BIOL 2010 and BIOL 3010.

**2011. Fundamentals of Microbiology Laboratory (1).** Pr., BIOL 1010, BIOL 1011. The microbiology laboratory reinforces concepts relative to handling, growing and interpreting data obtained from microorganisms. BIOL 2010 is a pre-requisite or co-requisite. Biology majors cannot receive Area V (major credit) for both BIOL 2011 and BIOL 3011.

**2023. Botany (4).** Pr., BIOL 1020, BIOL 1021. The morphology, physiology, evolution, distribution and importance of plants. This course includes a required laboratory component.

**2033. Zoology (4).** Pr., BIOL 1020, BIOL 1021. Identification, taxonomic classification, phylogeny, distribution, life history and economic/medical importance of protozoans, invertebrates and vertebrates. This course includes a required laboratory component.

**2050. Current Topics in Nutrition (3).** An in-depth study of current issues in nutrition, including the following: herbal remedies, functional foods, supplements, phytochemicals, weight loss schemes and eating disorders. No prerequisite, but BIOL 2000 Nutrition is suggested.

**2093. Anatomy and Physiology in Physical Education (4).** Pr., BIOL 1010, BIOL 1011. An introductory study of homeostasis, tissues and integumentary, skeletal, articular, muscular, circulatory and lymphatic systems, with an emphasis on the relationships of human anatomy and physiology to exercise fitness. This course includes a required laboratory component.

**2100. Human Anatomy and Physiology I (3).** Pr., BIOL 1010, BIOL 1011. A study of the structure and function of the tissues, integumentary, skeletal, articular, muscular, nervous and sensory systems.

**2101. Human Anatomy and Physiology I Laboratory (1).** Pr., BIOL 1010, BIOL 1011. Lab exercises designed to study human anatomy and physiology using dissections, microscopy, models, computer simulations and graphic illustrations. Lab must be taken concurrently with BIOL 2100.

**2110. Human Anatomy and Physiology II (3).** Pr., BIOL 1010, BIOL 1011. A study of the structure and function of the cardiovascular, lymphatic, respiratory, digestive, urinary, endocrine and reproductive systems.

**2111. Human Anatomy and Physiology II Laboratory (1). Pr., BIOL 1010, BIOL**

**1011.** Lab exercises designed to study human anatomy and physiology using dissections, microscopy, models, computer simulations and graphic illustrations. Lab must be taken concurrently with BIOL 2110.

**2200. Biostatistics (3). Pr., MATH 1100 or MATH 1120 or MATH 1150 or MATH**

**1610.** This course introduces students to statistical techniques commonly used in research and includes estimation and hypothesis testing, ANOVA, linear and non-linear regression and non-parametric statistics. Extensive use of computer exercises allows students to fulfill their requirement for computer literacy. This is a cross-listed course with MATH 2200 and may be team-taught.

**2410. Biomedical Vocabulary (3). Pr., BIOL 1020, BIOL 1021, ENGL 1020.** An introduction to medical word roots, combining forms, prefixes and suffixes needed for building an effective verbal and written biomedical vocabulary.

**2942. Directed Field Experience (1-4). Pr., BIOL 1010, BIOL 1011, or equivalent and departmental approval.** This course is a faculty-supervised study or research experience beyond the Auburn Montgomery campus for elective credit. This includes, but is not limited to, study abroad. This course is appropriate for freshman- or sophomore-level students.

**3010. Microbiology (3). Pr., BIOL 1010 and BIOL 1011.** This course covers the principles and techniques of microbiology including an overview of the microbial world, microbial morphology, microbial growth and control, physiology, genetics, concepts of the pathogenesis, immunology, and epidemiology of microbial disease and aspects of environmental and industrial microbiology. Biology majors cannot receive Area V (major credit) for both BIOL 2010 and BIOL 3010.

**3011. Microbiology Laboratory (1).** Laboratory techniques that reinforce concepts relative to the concepts presented in BIOL 3010. BIOL 3010 is a pre-requisite or co-requisite. Biology majors cannot receive Area V (major credit) for both BIOL 2011 and BIOL 3011.

**3100. Biology of Forensics (3). Pr., BIOL 1020 and BIOL 1021, or permission of instructor.** This course explores the application of scientific methods and techniques to problems in the field of forensic science with emphasis on forensic biology. Topics considered include analysis of hair, fiber and other materials, fingerprinting, forensic serology and toxicology and DNA analysis.

**3100. Biology of Forensics (3). Pr., BIOL 1020 and BIOL 1021, or permission of instructor.** This course explores the application of scientific methods and techniques to problems in the field of forensic science with emphasis on forensic biology. Topics considered include analysis of hair, fiber and other materials, fingerprinting, forensic serology and toxicology and DNA analysis.

**3160. Clinical Pharmacology (3). Pr., 3 hours of CHEM, BIOL 1020, BIOL 1021.** A systematic study of therapeutic drugs, their effects on the body and disease processes; methods of administration and dosage.

**3250. Epidemiology (3). Pr., BIOL 2010, BIOL 2011 or BIOL 3010, BIOL 3011.** An introduction to the techniques used in studying the transmission, incidence and frequency of disease occurrence in populations.

**3303. Genetics (4). Pr., BIOL 1010, BIOL 1011.** The study of basic principles, concepts and problems relative to gene inheritance in animals and plants. The course includes topics that cover both classical and modern genetics. This course includes a required laboratory component.

**3503. Biological Instrumentation (4). Pr., BIOL 1010, BIOL 1011.** An introduction to modern laboratory techniques and instrumentation for defining and measuring parameters encountered in biology. This course is basic to other courses in molecular biology. This course includes a required laboratory component.

**3800. Topics in Ecological Economics: What Color of Green? (3). Pr., junior standing.** An exploration of the often-divergent viewpoints of economics and ecologists over environmental issues. Issues of interest include economic development, environmental preservation, government regulation and international environmental conflicts. Cross-listed as ECON 3800.

**4013. Medical Microbiology (4). Pr., BIOL 2010, BIOL 2011 or BIOL 3010, BIOL 3011.** The etiology, epidemiology, vector controls, identification and pathogenesis of microorganisms of medical importance to man. This course includes a required laboratory component.

**4033. Virology (4). Pr., BIOL 2010, BIOL 2011, or BIOL 3010, BIOL 3011, BIOL 3303.** The molecular biology of bacterial and animal viruses; pathogenesis; diagnosis; and procedures for isolation, cultivation and purification. This course includes a required laboratory component.

**4053. Industrial Microbiology (4). Pr., BIOL 2010, BIOL 2011 or BIOL 3010, BIOL 3011.** Lectures and laboratory exercises on the principles and practices of industrial processes involving microorganisms with emphasis on microbial biotechnology. Topics include screening and improvement of industrial microorganisms, 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. This course includes a required laboratory component.

**4063. Environmental Microbiology (4). Pr., BIOL 2010, BIOL 2011 or BIOL 3010, BIOL 3011.** A combined lecture and lab course that cover the roles of microorganisms 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, microorganisms and bioterrorism, indoor health microbiology, environmental sample collection and processing. This course includes a required laboratory component.

**4073. Immunobiology (4). Pr. or Coreq., BIOL 3303.** Topics include the molecules, cells and organs involved in the immune response; genetic control of the immune response; the normal functions of the immune system; and immunopathology. This course includes a required laboratory component.

**4103. Developmental Biology (4). Pr., BIOL 1020, BIOL 1021.** A consideration of descriptive and experimentally derived information on developmental events of various organisms, with emphasis on the mechanics by which organisms achieve an orderly progression of changes during their life cycles. This course includes a required laboratory component.

**4153. Vertebrate Physiology (4). Pr., BIOL 1020, BIOL 1021.** A study of the physiological processes and specializations of vertebrate organisms. Includes an in-depth investigation of the physiology of the major mammalian organ systems. This course includes a required laboratory component.

**4203. Ecology (4). Pr., BIOL 1020, BIOL 1021.** The dynamics of the environment, accenting the description of the physical, chemical and biological properties of local ecosystems, giving special attention to integrative and homeostatic processes, energy flow, nutrient cycles and disruptive phenomena. This course includes a required laboratory component.

**4210. Population Ecology (3).** A course in elementary mathematical ecology. Students' will be introduced to many of the models and techniques needed to understand population dynamics. Problem solving and the use of computer models will be emphasized.

**4233. Environmental Pollution and Control (4). Pr., BIOL 1020 and BIOL 1021.** Introduction to environmental science focusing on detection, sources and treatment methods for water pollution, air pollution, noise pollution, solid waste and hazardous waste. Legal and regulatory background will also be presented. Field trips will be made, and laboratory exercises will focus on characterizing water quality. This course includes a required laboratory component.

**4240. Ecosystems (3).** 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.

**4343. Histology (4). Pr., BIOL 1020, BIOL 1021.** A study of the morphology and classification of animal tissues as well as the arrangement of tissues in organs and systems in vertebrate animals. This course includes a required laboratory component.



**4353. Cell Biology (4). Pr., BIOL 1020, BIOL 1021, CHEM 1200, CHEM 1201.** A study of cell structure and function. The generalized cell, specialized cell, and the cell as an organism will be considered from the viewpoint of classical cytology and in terms of current biochemical, optical and ultra-structural studies. This course includes a required laboratory component.

**4400. Human Genetics (3). Pr., BIOL 3303.** 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 consideration.

**4503. Freshwater Biology (4). Pr., BIOL 1020, BIOL 1021, BIOL 2033.** A study of the taxonomy and environmental relationships of biota of freshwater habitats. This course includes a required laboratory component.

**4513. Invertebrate Zoology (4). Pr., BIOL 1020, BIOL 1021, BIOL 2033.** A taxonomic survey of all major invertebrate phyla with emphasis on major anatomical and physiological features and life histories. This course includes a required laboratory component.

**4523. Wetlands (4). Pr., BIOL 4203.** 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 is placed on biogeochemical processes unique to wetlands. Field trips will be made. This course includes a required laboratory component.

**4533. Conservation Biology (4). Pr., BIOL 4203.** The application of ecological and genetic principles to conservation. Case studies include fisheries, habitat fragmentation, the use of corridors, rarity, extinctions, viability analysis, endangered species and the role of models in conservation biology. This course includes a required laboratory component.

**4543. Field Botany (4). Pr., BIOL 2023.** An introduction to vascular plant taxonomy with emphasis on local vegetation. Weekly field trips will be made to different parts of the state and a plant collection will be required. This course includes a required laboratory component.

**4603. Molecular Genetics (4). Pr., BIOL 2010, BIOL 2011 or BIOL 3010, BIOL 3011, BIOL 3303.** Topics include the fundamentals of DNA structure, replication, mutation and repair, gene expression; recombinant DNA techniques; and applications of biotechnology in medicine, agriculture and industry. This course includes a required laboratory component.



**4663. Field Zoology (4). Pr., BIOL 1010 and BIOL 1020 or departmental approval.**

A study of the natural history of vertebrates (fishes, amphibians, reptiles, birds and mammals), concentrating on phylogeny, adaptations, ecology and behavior. Laboratory exercises will be oriented toward learning field techniques and familiarizing students with the local fauna. This course includes a required laboratory component.

**4753. Endocrinology (4). Pr., BIOL 1020, BIOL 1021.** A study of the endocrine glands and their hormones as integrators of body functions in organisms, especially vertebrates. This course includes a required laboratory component.**4760. Evolutionary Biology (3). Pr., BIOL 3303.** A study of evolutionary concepts, including population genetics, variability, dispersal, gene frequencies, natural selection and speciation.**4800. Perspectives in Biology I (3). Pr., BIOL 1010, BIOL 1011.** 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.**4803. Perspectives in Biology II (4). Pr., BIOL 1010, BIOL 1011.** Allows students to study a current topic not offered in the basic biology curriculum. Topics will vary and times offered will be irregular. This course includes a required laboratory component.**4914. Mentor in Medicine (2). Pr., sophomore standing, permission of pre-med advisor.** A formal course for pre-medical students requiring time to be spent with a physician on rounds. Requires six hours per week contact. May be repeated, but only two hours may be applied to graduation requirements.**4922. Biology Internship (3). Pr., availability, junior standing, departmental approval.** Internship allows students to experience biology applications in the workplace for elective credit. Students will have both a faculty sponsor and a preceptor at the work site. Graded as satisfactory or unsatisfactory.**4932. Directed Research (1-4). Pr., 20 hrs. BIOL, 3.0 GPA, departmental approval.** Undergraduate biology majors conduct research under the supervision of biology faculty. Faculty must agree to sponsor the research for 1-4 hours elective credit.**4942. Directed Field Experience (1-4). Pr., BIOL 1010, BIOL 1011 or equivalent.** This course is a faculty-supervised study or research experience beyond the Auburn Montgomery campus for elective credit. This includes, but is not limited to, study abroad. You must be classified as a Junior or Senior to enroll in 4942.**4944. Pre-Health Studies (3). Pr., sophomore standing, permission of pre-med advisor, 50 hours at AUM, 2.75 GPA.** A formal course for pre-med students based in local hospitals. Cannot be taken with more than 12 semester hours. Should be attempted only by serious health science majors.

**4952. Capstone Biology (3). Pr., senior standing.** An exit course required for graduating seniors. Students participate in activities that assist with their transition from receiving a B.S. degree to entering the job market, graduate school, or professional school. Students will participate in activities designed to improve their technical writing and presentation skills.

**4970. Special Topics. (1-4) Lec. 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.

## Business (BUSN)

**1000. Cornerstone of Business (3).** An introduction to the functional areas of business. Includes a study of external institutions, economic environment, societal concerns and the skills required for decision making. Open to all students regardless of academic major.

## Clinical Laboratory Sciences, Division of (CLLS)

Assistant Professors Jones, Qian and Taylor (Director, CLLS)

Medical Director Adams

Clinical Faculty Burgess, Burks, Camara, Campbell, Cason, Hadaway, Harris, Hundley, Lewis, McClendon, McKee, Plumlee and Van Siclen

Instructor Dugan

**3000. Clinical Laboratory Orientation (3). Pr., program approval.** An introduction to the clinical laboratory profession. Basic concepts of laboratory practice introduced, including laboratory safety, laboratory information systems, hospital and laboratory organization and certification.

**3013. Laboratory Techniques (4). Pr., program approval.** An introduction to the basic techniques used by clinical laboratory scientists. In addition, laboratory safety and current issues in health care explored.

**3103. Immunology and Serology (4). Pr., program approval.** A study of the human immune system in health and disease. Laboratory exercises are serologic procedures used in the laboratory diagnosis of immunologic and infectious diseases.

**3153. Immunohematology I (3). Pr., CLLS 3103 (required grade - C) or program approval.** Application of the basic theory of immunology and genetics to human blood group systems and transfusion practice. Basic immunohematology techniques covered in the laboratory sessions.

**3203. Urinalysis and Body Fluids (3). Pr., program approval.** Physiologic mechanisms of the kidney discussed along with the importance of the kidney in homeostasis. Other body fluids commonly encountered in the clinical setting also discussed.

**3243. Clinical Hematology I (3). Pr., program approval.** A study of human hemostatic mechanisms, its diseases and abnormalities. Includes a study of the origin and maturation of the formed elements of human blood. Laboratory exercises focus on the evaluation of hemostatic function and anemia as well as the morphology of formed elements of the blood.

**3253. Clinical Hematology II (3). Pr., CLLS 3243 (required grade - C) or program approval.** A study of erythrocyte abnormalities and associated disease states. The laboratory focus on methods used in the evaluation of abnormal erythrocyte morphology.

**3303. Clinical Microbiology I (3). Pr., program approval.** Fundamentals of molecular diagnostics, including extraction techniques, electrophoresis, PCR and staining techniques used to evaluate DNA presented. Also topics in microbiology introduced such as safety, specimen handling, streaking techniques, morphology and media used to isolate microorganisms.

**3313. Clinical Microbiology II (4). Pr., CLLS 3303 (required grade - C) or program approval.** Introduction to basic procedures used in modern clinical laboratories for the isolation and identification of clinically significant microorganisms. Emphasis will be placed on laboratory identification of these infectious organisms.

**3353. Clinical Parasitology and Mycology I (3). Pr., program approval.** Disease mechanisms of blood, tissue and intestinal parasites studied, with emphasis on general mechanisms of parasitic infections. The increasing importance of fungal infections also discussed.

**3403. Clinical Instrumentation I (4). Pr., program approval.** An introduction to clinical laboratory instruments. Basic theory of fundamental clinical instrumentation discussed with hands-on experience in lab. Maintenance procedures and troubleshooting techniques introduced.

**3433. Methods of Drug Analysis (4). Pr., CLLS 3403 (required grade - C) or program approval.** A study of current techniques used in drug analysis. General theory as well as practical application of organic acid/base theory, liquid-liquid extraction, solid phase extraction, TLC, HPLC, GC and mass spectrometry covered.

**3443. Clinical Chemistry I (4). Pr., CLLS 3403 (required grade - C) or program approval.** Disorders of carbohydrate, protein, amino acid and lipid metabolism discussed, with emphasis on laboratory detection and clinical correlation of these disorders.

**3503. Perspectives in Clinical Laboratory Science (4). Pr., program approval.** Introduction to research design for the evaluation of new methodology in clinical laboratory sciences. Students prepare a presentation of research findings.

**4040. Comprehensive Review (1). Pr., program approval.** A comprehensive review of medical technology. All students take a final comprehensive examination at the end of this course. Successful completion of this course is required for graduation. Final grades will be assigned on a pass/fail basis.

**4054. Phlebotomy (1). Pr., CLLS 3013 (required grade - C) or program approval.** Experience in phlebotomy provided in an affiliated clinical facility. Includes a review of basic concepts related to phlebotomy.

**4080. Laboratory Management and Education (3). Pr., program approval.** This course offers an overview of the management process and supervisory techniques and responsibilities commonplace in the clinical laboratory. Also covered are clinical and classroom instructional methods and evaluation strategies.

**4114. Clinical Serology (1). Pr., CLLS 3103 (required grade - C) or program approval.** Experience in clinical serology provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical serology.

**4163. Clinical Immunohematology II (3). Pr., CLLS 3153 (required grade - C) or program approval.** An advanced study of immunohematology theory and techniques. Emphasis placed on problem solving to assure safe trans-fusion practice.

**4174. Clinical Immunohematology III (2). Pr., CLLS 4163 (required grade - C) or program approval.** Experience in clinical immunohematology provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical immunohematology.

**4214. Clinical Urinalysis (1). Pr., CLLS 3203 (required grade - C) or program approval.** Experience in clinical urinalysis provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical urinalysis.

**4263. Clinical Hematology III (4). Pr., CLLS 3253 (required grade - C) or program approval.** A study of white blood cell abnormalities in human blood with correlations to disease processes. The laboratory portion of this course involves development of expertise in hematologic procedures and correlation of test results with disease states.

**4274. Clinical Hematology IV (3). Pr., CLLS 4263 (required grade - C) or program approval.** Experience in clinical hematology provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical hematology.

**4323. Clinical Microbiology III (4). Pr., CLLS 3313 (required grade - C) or program approval.** Continued development of the skills necessary to function efficiently in a microbiology laboratory. The student is exposed to extensive identification problems as they relates to various specimen sites (respiratory, CSF, etc.). Other topics include anaerobic bacteria and mycobacteria.

**4334. Clinical Microbiology IV (3). Pr., CLLS 4323 (required grade - C) or program approval.** Experience in clinical microbiology provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical microbiology.

**4364. Clinical Parasitology and Mycology II (1). Pr., CLLS 3353 (required grade - C) or program approval.** Experience in clinical parasitology and mycology will be provided in an affiliated clinical facility. This will include a review of basic concepts related to clinical parasitology and mycology.

**4453. Clinical Chemistry II (4). Pr., CLLS 3443 (required grade - C) or program approval.** Mechanisms for water, electrolyte and acid/base balance and imbalance discussed in association with renal, cardiac and respiratory function. Clinical enzymology and endocrinology discussed.

**4463. Clinical Chemistry III (2). Pr., CLLS 4453 (required grade - C) or program approval.** Heme, iron, bilirubin and porphyrin metabolism discussed with an emphasis on disease processes associated with errors in these metabolic pathways and laboratory diagnosis.

**4474. Clinical Chemistry IV (3). Pr., CLLS 4463 (required grade - C) or program approval.** Experience in clinical chemistry provided in an affiliated clinical facility. Includes a review of basic concepts related to clinical chemistry.

**4513. Research Techniques in Clinical Chemistry and Toxicology (1-8). Pr., program approval.** Offers students experience in current clinical chemistry and analytical toxicology research. Instrumentation utilized may include one or more of the following: atomic absorption spectrophotometer, fluorometer, HPLC, GC, UV spectrophotometer, densitometer and/or microcomputers.

**4523. Research Methods in Hematology and Immunohematology (1-8). Pr., program approval.** Utilizes research methods used in hematology, immunology and immunohematology. Students acquire additional experience in procedures in these areas of the laboratory.

**4533. Research Methods in Clinical Microbiology (1-8). Pr., program approval.** Covers current methods used in bacteriology, mycology or parasitology, depending on the area of interest.

## Communication and Dramatic Arts

Professors Bhuiyan (Head), M. Winkelman and V. Winkelman

Associate Professors McKenzie (Acting Head), Nobles and Ogburn

Assistant Professors Buchanan, Giagnoni, Jones, Seibel and Wood

Instructors Lionberger and Wallace

### Communication (COMM)

**1000. Cornerstone of Communication (3).** Introduces students entering the Communication division of the Department of Communication & Dramatic Arts to various areas of study and professional opportunity within the field of communication.

**1010. Introduction to Human Communication (3).** An introduction to the basic concepts involved in the study of speech communication and the application of these concepts through performance in various contexts, such as interpersonal, small group and public address.

**1017. Introduction to Human Communication, Honors (3). Pr., admission to Honors Program or permission of instructor.** Enhanced version of COMM 1010.

**2100. Mass Media and Culture. (3).** A critical examination of the purposes, functions and effects of the mass media on individuals, institutions, culture and social structure. (Same as SOCI 2100.)

**2120. Film Appreciation (3).** This course aims to introduce the students to the various elements of film form and to explore the relationship between meaning and form in film; concomitantly, it intends to enhance both analytical and critical abilities in discussion and writing about film.

**2130. Small Group Communication (3).** Theory and practice of competent communication in task-oriented small group or team settings. Topics include leadership, roles, decision-making, problem solving, and conflict management.

**2212. Public Speaking (3).** Structure, style and delivery of various types of speeches for different occasions. Theory and study of current examples combined with practice.

**2250. Introduction to Political Communication (3).** An analysis of the role of communication in the political arena, political campaigning, political office-holding and lobbying.

**2703. Media Writing I (3). Pr., ENGL 1020.** An introduction to basic writing skills in the mass media.

**2713. Introduction to Personal Computing (3). Pr., freshman or sophomore standing or permission of instructor.** Introductory-level course covering primary hardware and software components. Focus is on understanding the most common functions,

such as file/folder creation and organization using Microsoft Windows. Basic word processing skills are covered.

**2743. Media Writing II (3). Pr., COMM 2703.** Introduction to print and electronic information gathering. Writing and editing practice.

**2783. Broadcast Journalism (3). Pr., COMM 2743.** Principles and practice of broadcast journalism, with an emphasis on radio news. Writing and production of news programs, specials and documentaries.

**2914. Journalism Practicum (3). Pr., COMM 2703 and COMM 2743.** Practical work experience on the student newspaper or other publications as approved by advisor for 1-3 credit hours. Graded as satisfactory or unsatisfactory.

**3000. Intercultural Communication (cross-listed with INTL 3000).** An interdisciplinary course that focuses on cultural differences that influence attitudes, assumptions and behavior, especially as they affect intercultural communications.

**3003. Oral Interpretation (3). Pr., COMM 1010 or ENGL 1020.** Basic techniques and application of oral interpretation in reading prose, poetry and drama. (Same as THEA 3003.)

**3020. Visual Communication (3).** Students examine and create visual messages in a variety of contexts. Emphasis is on understanding the power of images in the sharing of messages.

**3120. Interpersonal Communication (3).** A study of the communication process in various interpersonal contexts. Designed to improve communication skills in naturally occurring dyads and groups as well as in more structured settings such as business. Considers problems of conflict management.

**3203. Introduction to Sign Language (3).** Introduction to manual communication used by the deaf. Includes alphabet, signs (emphasis on signed English) and understanding of the world of the deaf. Recommended for students in health care fields, justice and public safety, social work and other areas involving public contact.

**3213. Intermediate Sign Language (3). Pr., COMM 3203 or permission of instructor.** Intermediate course in manual communication used by the deaf. Emphasis on signed English as used by deaf and hearing-impaired persons. Suggested for students majoring in health care fields, social work or law enforcement fields.

**3300. Selected Topics in Communication Studies (3). Pr., permission of studies instructor.** An exploration of a theme from any area of communication having contemporary relevance. Course may be repeated for a total of 9 semester hours, provided a different theme is selected each time.

**3310. Speech Writing (3). Pr., COMM 1010 or COMM 2212.** Focused on preparing



oral messages for someone else to deliver. Concerned with organization, writing, editing and revision of manuscripts.

**3350. Communication and Gender (3).** Study of the theoretical relationships between communication and the formation and enactment of sex roles as well as sex differences in communication and implications of those differences.

**3400. The Speech and Hearing Mechanism (3). Pr., admission to program.** Anatomy and physiology of the speech and hearing mechanism.

**3500. Introduction to Speech Pathology and Audiology (3).** Basic study of speech pathology and audiology, speech and language processes and development disorders, speech and clinical practice in speech pathology. Includes introduction to audiology, bases of sound and the hearing mechanism, hearing disorders and clinical practice in audiology.

**3703. Broadcast Copywriting (3). Pr., COMM 3760.** A practical introduction to the principles, forms and skills of writing for short form broadcast content such as PSAs.

**3710. Media History (3). Pr., COMM 2100.** A study of the American media, its development and influence on society from 17th-century England to the present.

**3733. News Writing (3). Pr., education majors only.** Equips teachers with skills to teach a news writing or journalism course; helps students evaluate journalism; and guides student publications in a language arts curriculum.

**3743. Advanced Media Writing (3). Pr., COMM 2743.** Advanced print and electronic media news gathering, reporting practice and methods and news editing. May be repeated for a total of 6 hrs., provided a different theme is selected each time.

**3753. Advertising Media (3). Pr., COMM 2100 or permission of instructor.** Evaluation of media as vehicles for advertising messages in terms of cost, production capability, audience reach and selectivity and other factors.

**3760. Video Production I (3). Pr., COMM 2703.** Course is an introduction to the terminology, theory and practice of small video and multimedia production techniques. Focus on developing proficiency in planning, shooting and editing short video projects.

**3763. Video Production II (3). Pr., COMM 3760.** Course provides practical application of both remote and studio principles acquired in COMM 3760.

**3800. Public Relations I (3). Pr., ENGL 1020.** Principles and practice of publicity and public relations programs and planning. Case studies.



**3813. Desktop Publishing (3). Pr., COMM 2713 or equivalent and permission of instructor.** Techniques and practice in planning and producing in-house publications for journalism, public relations and advertising applications, using personal computers. Basic knowledge of keyboarding and computer skills is assumed.

**3830. Public Opinion and Propaganda (3). Pr., junior or senior standing.** A study of public opinion in relation to social control and collective behavior. Special attention is given to the mass media, the public opinion process and propaganda agencies and techniques.

**3843. Writing for Public Relations (3). Pr., COMM 3800.** Forms and styles of public relations writing, stressing essential skills of written communication needed in public relations.

**3853. Advertising Copywriting (3). Pr., ENGL 1020.** Introduction to and practice with forms and styles of writing in advertising, tailoring formats to those used in newspaper, magazine, television, radio and other media.

**3900. The Documentary Film (3). Pr., ENGL 1020.** A study of the process of communication and persuasion through film and television. Stresses viewing, analyzing and discussing key documentaries.

**4030. Communication Theory (3). Pr., COMM 1010 and junior standing.** Major theoretical approaches to and issues in the study of human communication. Various psychological and sociological conceptualizations of the communication process covered, ranging from mechanistic to interpretive positions.

**4110. Theories of Persuasion (3). Pr., COMM 1010 and junior standing.** Major social and psychological approaches to the study of attitudes and attitude change. Includes the study and analysis of theory and focuses on the persuasive campaign in various contexts.

**4130. Research Methods (3). Pr., COMM 1010 and junior standing.** Stresses familiarity with journals in the field; examines methods of research in communication. Intended to increase understanding of research literature, including experimental design, subject of selection, instrumentation, rules of inference and theory testing.

**4410. Phonetics (3). Pr., admission to program or theatre major.** Basic study of the sound system of the English language. Includes principles of sound production, phonetic transcription and the acoustical basis of phonetics. (Same as THEA 4413.)

**4500. Methods and Procedures in Speech-Language Pathology (3). Pr. COMM 3500 and admission to program.** Orientation to a variety of service delivery models in speech pathology, methods in designing programs to meet individual client needs in diverse settings, implementation procedures for management techniques and documentation procedures.

**4510. Articulation and Phonological Development and Disorders (3). Pr., COMM 4410 and admission to program.** The developmental aspects of articulation and phonology, including assessment and treatment procedures.

**4520. Voice Disorders and Craniofacial Anomalies (3). Pr., COMM 3400, 3500, 4410 and admission to program.** Introduction to voice and craniofacial anomalies and the assessment and treatment of these disorders.

**4530. Language Development and Disorders (3).** Models of language development with emphasis on cognitive-linguistic-pragmatic aspects. Congenital and acquired disorders of language in relation to normal development and approaches to therapeutic management.

**4560. Speech and Hearing Science (3). Pr., admission to program.** Introduction to the normal aspects of speech, language and hearing, including physiological aspects of speech, acoustics of speech sounds, speech perception, research tools and evolutionary aspects of language and speech.

**4570. Neurophysiological Aspects of Communication Disorders (3). Pr., admission to program.** Introduction to anatomy and physiology of the brain and nervous system. Relationship between neuroscience and communication disorders and hearing.

**4580. Fluency Disorders (3). Pr., admission to program.** Introduction to fluency disorders with an emphasis on historical background, assessment and treatment.

**4590. Diagnosis and Clinical Management in Speech-Language Pathology. (3). Pr., COMM 3500 and admission to program.** Evaluation and clinical management of speech-language disorders with emphasis on assessment techniques and therapeutic principles and processes.

**4600. Introduction to Audiology and Hearing Disorders (3). Pr., junior standing.** Principles of auditory reception, the hearing mechanism and the problems involved in measuring, evaluating and conserving hearing. Types and causes of auditory disorders and basic principles of special auditory tests for site of lesion.

**4601. Clinical Practicum I in Audiology (1). Co-req., COMM 4600, must be enrolled in COMM/Speech Path & Aud. Concentration.** Orientation and introduction to supervised clinical management of hearing disorders. Hands-on learning exercises in clinical management of hearing disorders.

**4610. Writing in Speech Pathology and Audiology (3). Pr., COMM 4600 and admission to program.** Advanced writing strategies in the fields of communication science disorders to include report writing in the areas of assessment and treatment and business and professional documentation.

**4620. Aural Rehabilitation, Habilitation and Hearing Conservation (3). Pr., COMM 4600 and admission to program. Co-requisites: COMM 4913 or 4914.** Rehabilitation of aurally handicapped children and adults, with emphasis on auditory training, speech reading and hearing aids.

**4621. Clinical Practicum II in Audiology (1). Pr., COMM 4601,co-req., COMM 4620 and enrolled in COMM or Comm/Speech Path & Audiology Concentration.** Introduction to and participation in supervised clinical management of audiometric services. Hands-on learning exercises in clinical management of hearing disorders.

**4720. Critical Issues in Mass Media (3). Pr., COMM 2100.** Critical analysis of the purpose, functions and effects of the mass media.

**4733. Multimedia I (3). Pr., COMM 2713 or equivalent.** Using computers for interactive communication, including movement, graphics and sound. Introduces authoring tools, assembly of programs, macromedia and graphics.

**4740. Print Media Advertising (3). Pr., junior standing or permission of instructor.** Principles and processes in evaluating and using print media for advertising. Introduction to layout and design.

**4800. Public Relations II (3). Pr., COMM 3800 and COMM 3843.** Case study work on public relations problems for the university and the community.

**4810. Creative Strategy in Advertising (3). Pr., COMM 2100 or permission of instructor.** Channeling creativity into attention-getting and appropriate ideas for the media and audiences for advertising messages.

**4820. Media Law and Ethics (3). Pr., junior standing and permission of instructor.** Origins and background of laws governing the mass media; consideration of ethical problems of the media national advertising campaign.

**4830. Strategic Promotion Campaign (3).** 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. Same as MKTG 4830.

**4900. Independent Study in Communication (1-3). Pr., junior standing and permission of instructor and department head.** Special research problem or project in communication, developed through approved activities under the direction of the instructor. May be repeated with different topics.

**4903. Independent Study in Speech-Language Pathology or Audiology (1-3). Pr., admission to program.** Special research problem or project in speech-language pathology and audiology developed through approved activities under the direction of the instructor.

**4911. Observations in Speech (1). Pr., admission to program. Co-requisites: 4600 or**

**4620.** Orientation and introduction to supervised clinical management of speech and language disorders. Hands-on learning exercises in clinical management of hearing disorders.

**4912. Clinical Procedures in Speech (1). Pr., admission to program and must have registered and submitted a class and work schedule 10 working days prior to the beginning of the term.** Introduction to and participation in supervised clinical management of speech and language disorders. Must repeat course three times.

**4920. Media Internship (3-6). Pr., junior standing and permission of internship coordinator.** Nonpaying positions at local mass media outlets, providing opportunities for advertising, broadcasting and public relations skills. Graded as satisfactory or unsatisfactory.

## Theatre (THEA)

**2040. Theatre Appreciation (3).** A study of periods, genres and production techniques, with emphasis on developing a critical awareness and appreciation of theatre, cinema and television.

**2103. Stagecraft (3).** Study and practice in theatre stagecraft, focusing on construction methods, scene painting, rigging and handling of scenery and backstage organization.

**2113. Stage Lighting (3).** Study and practice in theatre lighting, including designing, hanging, focusing, maintaining and repairing stage lighting instruments. Students will produce light plots and paperwork needed for production.

**2123. Costume Construction (3).** Study and practice in theatre costuming, including pattern drafting and cutting, basic sewing techniques, construction methods and backstage organization and maintenance. Students in this course construct costumes and may serve as running crew during the semester's productions.

**2914. Theatre Practicum (1).** One hour credit in any aspect of production (acting, directing, construction, design or management) in any one semester. Work completed in this course must be exclusive of laboratory hours required in other Theatre courses.

**3003. Oral Interpretation (3). Pr., COMM 1010 or ENGL 1020.** Basic techniques and application of oral interpretation in reading prose, poetry and drama (same as COMM 3003).

**3050. American Film 1914-1950 (3).** A social history of popular film in the U.S. from the rise of the American silent film through the sociological films of the post-World War II era. Film versions of plays and fiction will be compared to the original works.

**3100. American Film 1950-Present (3).** A social history of popular film in the U.S. from the ascendancy of the Method acting of the early 1950s through the ensemble acting of the present. New film technologies studied.

**3150. British Film (3).** A social history of British film from the 1930s to the present. Focus will be on the major periods, such as the British war films of the 1940s and the Angry Young Man films of the 1950s and 1960s.

**3200. European Cinema (3).** A social history of film art in Europe from 1900 to the present. Focus on national masterworks and master directors. Special attention given to the amateur theory of filmmaking.

**3250. Special Topics in Film Studies (3).** A special study of a film period or genre, the works of a director or actor or the films of a particular nation or world region.

**3413. Fundamentals of Acting (3).** Study and practice of basic acting theory and technique.

**3423. Intermediate Acting (3). Pr., THEA 3413.** Further study and practice through individualized instruction of acting theory and technique. Requires a practical knowledge of acting terminology.

**3433. Voice for the Actor (3).** Study and practice of vocal techniques as applied to theatrical performance.

**3443. Stage Movement (3).** Theory and techniques of stage management with emphasis on the practical approach toward theatrical production.

**3453. Directing (3).** A critical analysis of the techniques of directing a play, including play selecting, casting, rehearsing and performing.

**3463. Stage Management (3).** Study and practice of physical conditioning, reflex training and character transformation as applied to performance.

**3593. Make-up Design (3).** Theory and techniques of stage make-up design and application with emphasis on play analysis, corrective, age, fantasy and character interpretation. Students help design the makeup and may act as running crew for semester's productions.

**3603. Scene Painting (3).** Theory and techniques of scene painting with emphasis on the practical development of personal craft.

**3613. Scene Design (3).** A fundamental design course geared toward enhancing basic principles of scenic design and developing a practical knowledge of all drawings pertaining to theatrical design. THEA 2103 is not required as a prerequisite but preferred.

**3623. Theatre Rendering (3).** An advanced course aimed at enhancing the practical knowledge of rendering for the theatre. Includes all areas of design in order to benefit portfolio presentation.

**3633. Costume Design (3).** Theory and techniques of stage costume design, with emphasis on character analysis, design elements and principles, the costume sketch, color theory, fabric selection and costume ornamentation.

**3713. Theatre Administration (3).** The principles of administration applied to the theatre, including philosophy, physical plant operations, staffing, publicity, box office and house management.

**3723. Theatre Administration II (3). Pr., THEA 3713.** The principles of administration applied to the field of theatre with emphasis on personnel management, community service, financing and organizing and touring with a theatre company.

**3973. Special Topics in Theatre (3). Pr., permission of instructor.** An exploration of a theme from any area of the Theatre Department having contemporary relevance. Course may be repeated for credit up to 12 hours, provided a different theme is selected each time. May be offered concurrently with THEA 6972.

**4013. Playwriting (3). Pr., sophomore standing.** Laboratory course in playwriting; student plays developed from original idea through scenario into final production script. Exceptional plays may be produced and/or participate in competition.

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

**4320. Dramatic Literature and Theatre History of the Western World II (3). Pr., junior standing.** Traces dramatic literature and theatre history from the mid-19th-century to today. May be taught concurrently with THEA 6320.

**4413. Phonetics (3). Pr., junior standing or permission of instructor.** Basic study of the sound system of the English language. Includes principles of sound production, phonetic transcriptions and the acoustical basis of phonetics. (Same as COMM 4410.)

**4740. Studies in American Drama and Theatre (3). Pr., junior 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 6740.

**4903. Independent Study (1-3). Pr., senior standing or permission of instructor.**

Independent reading and/or research in selected areas of theatre. May be taught concurrently with THEA 6902.

**4930. Studies in Drama (3). Pr., junior standing.** Examination of a sub-genre or period of drama such as tragedy, Restoration comedy, 18th-century British drama or modern drama. May be repeated twice when the topics vary. May be offered concurrently with THEA 6852.

## Counselor, Leadership and Special Education

Professors Carpenter, Flynt, Morton, Reynolds and Thomas

Associate Professor Austin (Head), Bicard, Brown, Hard and Simmons

### Counselor Education (ECED)

**3890. Fundamentals of Counseling (3).** Introductory course for undergraduate students from various majors and backgrounds; introduces students to the field of counseling and the settings and roles of counselors. An overview of the foundations, skills, theories, ethics, legal issues and community agencies in counseling is provided.

**3950. Counseling Seminar (3).** Provides the opportunity for students and professors to comparatively pursue topics of interest to counseling and the helping professions. Innovations and emerging issues in the field are emphasized. Includes the history, theoretical approaches, techniques and methods, application to special settings or populations and legal and ethical issues in the use of play therapy in the treatment of children. Includes a supervised experimental component in a play therapy setting.

### Special Education (ESPE)

**3760. Survey of Exceptionalities (3). Pr., FNDS 2120, FNDS 2140.** A survey of the various exceptionalities, including the etiology, incidence, laws and strategies related to teaching students with exceptionalities. Field Experience is included.

**4040. Introduction to Early Childhood Special Education (3). Pr., ESPE 4200, admission to professional education.** A survey 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 6040.

**4050. Behavior Management of Students with Exceptionalities (3). Pr., ESPE 4200, admission to professional education.** 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 6050.

**4200. Special Education: Critical Professional Components (3). Pr., ESPE 3760, admission to professional education.** An introduction to 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 6200.



**4300. Assessment of Students with Exceptionalities (3). Pr., ESPE 4200, admission to professional education.** The course is designed to address 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 6300.

**4350. Collaboration and Consultation (3). Pr., ESPE 4200, admission to professional education.** 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 6350.

**4400. Methods, Materials and Curriculum for Students with Significant Support Needs (3). Pr., ESPE 4200, admission to professional education.** Study of curriculum, methods, and materials for learners with autism, other health impairments, and moderate and severe disabilities. Emphasis on specialized procedures and educational and vocational skills to facilitate normalization and independent living.

**4500. Teaching and Learning Strategies for Students with Exceptionalities (3). Pr., ESPE 4200, admission to professional education.** 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. May be taken concurrently with ESPE 4914.

**4600. Working with Families of Students with Exceptionalities (3). Pr., ESPE 3760, admission to professional education.** 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 6600.

**4914. Practicum in Special Education for Collaborative Teacher (K-6) /Elementary, Collaborative Teacher (6-12), Early Childhood Special Education (3). Pr., ESPE 4500, admission to professional education.** Supervised field experiences in classroom settings with students with exceptionalities. May be taken concurrently with ESPE 4500.

**4924. Professional Internship in Special Education for Collaborative Teacher (K-6)/Elementary, Collaborative Teacher (6-12), Early Childhood Special Education (9). Pr., Advisor and Departmental approval.** With advisor 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.



**4982. Bachelor's Comprehensive Examination for Collaborative Teacher (K-6)/Elementary, Collaborative Teacher (6-12), Early Childhood Special Education (0). Pr., Advisor and departmental approval.** Comprehensive examination of knowledge and skills from professional courses in special education.

## **Cytotechnology (CYTO)**

**4600. Introduction to Cytopathology (3). Pr., program approval.** Introduces the profession of cytology, including basic cell biology, cell morphology, general criteria of malignancy, purpose, history of the profession, cytogenetics and proper use of the microscope.

**4613. Gynecological Cytopathology I (3). Pr., program approval.** Study of the anatomy, histology and normal gynecological cytology, including benign processes associated with infectious organisms, inflammation, degeneration, artifacts, vitamin deficiencies and cytohormonal patterns.

**4623. Gynecological Cytopathology II (3). Pr., program approval.** Detailed studies in the cytologic diagnosis of pre-malignant and malignant lesions of the female genital tract, including the effects of chemotherapy and radiation. Differential diagnosis of these lesions includes the severity, site of origin and grade where appropriate.

**4630. Cytopreparatory Techniques (2). Pr., program approval.** Basic techniques, including specimen receipt, processing, Papnicolaou staining and methodology, coverslipping, special preparatory techniques of gynecological and non-gynecological specimen, record keeping and filing of slides.

**4643. Respiratory Cytology (3). Pr., program approval.** Systematic study of the anatomy, histology, normal and abnormal cytology of malignant and non-malignant lesions of the respiratory tract. Emphasis on cellular changes associated with normal and malignant disease processes and differential diagnostic considerations.

**4653. Urinary and Gastrointestinal Cytology (2). Pr., program approval.** Study of the anatomy, histology, normal and abnormal cytology of the urinary tract and gastrointestinal tract. Emphasis on interpretation of non-malignant and malignant disease processes at these sites.

**4663. Body Fluid and Miscellaneous Cytology (2). Pr., program approval.** Study of the anatomy, histology, normal and abnormal cytology of the CNS, the eye, diseases of serosal cavities in fluids, synovial membranes and miscellaneous fluids with non-malignant and malignant processes.

**4673. Fine Needle Aspiration Cytology (4). Pr., program approval.** Study of the anatomy, histology, normal and abnormal cytology of the breast, thyroid, lymph nodes, soft tissue masses and salivary glands. Emphasis on the problem of differentiating malignant processes and reactive changes.

**4674. Clinical Internship I (3) Pr., program approval.** Students integrate didactic knowledge into the clinical laboratory setting. Practical experience gained by working with routine cytology material from all body sites under close supervision. Includes specimen preparation and observation of fine needle biopsy technique.

**4680. Journal Club in Cytopathology (1) Pr., program approval.** Evaluation of current professional literature pertaining to diagnostic cytology. Reports, critiques and discussions by students and faculty.

**4684. Clinical Internship II (8) Pr., program approval.** Students integrate didactic knowledge into the clinical laboratory setting. Further practical experience gained by working with routine cytology material from all body sites under close supervision. Includes specimen preparation and observation of fine needle biopsy technique.

**4690. Research Project in Cytopathology (2) Pr., program approval.** Students investigate topic of interest in cytopathology. Analyzing data, writing a paper and presenting to fellow students and faculty.

**4700. Senior Seminar in Cytopathology (3) Pr., program approval.** Unusual and interesting cases studied and discussed. Review for preparation of comprehensive examination in cytotechnology, including computer image reviews.

**4710. Advances in Diagnostic GYN/NGYN Cytology (1-8) Pr., program approval.** Students present papers on new advances in the field of cytology. Presentations emphasize new advances in cytology automation.

## Decision Science (QMTD)

Professor Ang

Associate Professor Lucy-Bouler

**3500. Statistical Quality Control (3). Pr., ECST 2750, junior standing.** The theory and application of inspection sampling plans and control charts for the design, specification and control of product quality.

**3600. Operations Management (3). Pr., MNGT 3100, upper division standing.** Effective and efficient management of the transformation process. A study of how firms make or provide goods and services in the process of taking inputs and transforming these inputs into outputs (goods and services).

**3800. Product Design and Measurement (3). Pr., QMTD 3600.** The design and location of production and service systems. Attention is given to process analysis, motion study, time study and synthetically established standards.

**3840. Materials Management (3). Pr., QMTD 3600.** A study of production scheduling in continuous job shop and project management environments.

**4750. Quantitative Methods of Management (3). Pr., QMTD 3600.** Use of quantitative methods in managerial decision-making.

**4760. Forecasting (3). Pr., QMTD 3600.** The theory and application of regression, smoothing and auto-regressive-integrated moving average models to practical problems in business forecasting.

**4780. Materials Management II (3). Pr., QMTD 3840, junior standing.** The design and control of systems to guide and coordinate the flow of inputs and outputs through the physical system for producing and distributing goods and services. Includes forecasting for inventory decisions, requirements planning, scheduling and systems management.

**4800. Seminar in Operations Management (3). Pr., MKTG 4730, QMTD 4760 and QMTD 4780, senior standing.** A capstone course for the Decision Science option encompassing all aspects of production and operations management, including planning, coordinating and controlling operations of profit and not-for-profit enterprises. Topics include managing change, computer integrated manufacturing and total quality management.

**4924. Internship in Decision Science (1-3). Pr., departmental approval.** Provides students with the opportunity to gain valuable insight through practical decision science experience so they may better correlate their academic experience with a professional, real-world environment. Business or decision science elective credit.

**4900. Independent Study (1-3). Pr., departmental approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4970. Special Problems/Special Topics (3). Pr., departmental approval.** Variable content in decision science within the classroom setting. May be repeated for up to 6 hours.

## Early Childhood, Elementary and Reading Education

Professor Bowden

Associate Professor Buskist, Hogan, Mills (Head)

Assistant Professors Bourke and Duenas

Assistant Clinical Professors Tharpe and Walters

## Childhood Education (ECEL)

**4453. Professional Development Seminar (3). Pr., admission to professional internship.** Students pursue study of special topics relevant to childhood education.

**4924. Professional Internship in Childhood Education (9). Pr., admission to professional internship, departmental approval.** Students are placed in public school settings for supervised teaching experiences.

**4982. Bachelor's Comprehensive Examination (0). Pr., departmental approval.** Comprehensive examination covering material from professional courses.

Early Childhood Education (ECHE)

**3100. Methods of Teaching the Very Young Child (3). Pr., admission to professional education.** A foundation for teaching the child from birth to 3 years of age through review and interpretation of sound child development practice. Planning and developing an appropriate environment and curriculum are emphasized. Field experiences are provided. This is a writing-intensive course and will count as partial fulfillment of AUM's WAC program.

**3200. Methods of Teaching Preschool (3). Pr., admission to professional education; ECHE 4914 to be taken concurrently.** A study of early childhood education with an emphasis on the teacher and the pre-primary curriculum from 3-5 years of age. Developmentally appropriate practices in the language arts, mathematics, science and social studies are included.

**4914. Internship in Early Childhood Education (6). Pr., admission to professional education and departmental approval; ECHE 3200 to be taken concurrently.** Provides clinical experiences with normal or exceptional pre-first grade children under close professional guidance. Observation and participation in the classroom are required.

## Elementary Education (ELEM)

**3000. Teaching Creative Arts (3).** Methodology of teaching music and art to children in grades K-6. Teaching techniques, methods and materials are studied and evaluated.

**3400. Methods of Teaching Elementary Social Studies (3). Pr., admission to professional education.** Curriculum, methods, strategies and materials related to teaching social studies in the elementary school. Focus is on integrating the curriculum. Field experiences are provided.

**4100. Methods of Teaching Elementary Mathematics (3). Pr., MATH 1310, MATH 1320, admission to professional education.** Curriculum, methods and materials appropriate to teaching mathematics in the elementary school. Particular emphasis is on discovery approaches and active involvement with materials to teach mathematical concepts. Field experiences are provided.

**4200. Methods of Teaching Elementary Science (3). Pr., admission to professional education.** Curriculum, methods and materials related to teaching science in the elementary school. Although discovery strategies are stressed, multiple teaching

strategies are presented. Field experiences are provided.

Reading Education (READ)

**0700. College Reading Skills (3).** Instruction and practice in reading skills necessary for successful study and comprehension of college reading materials. Credit for this course is in addition to minimum degree requirements.

**3300. Methods of Teaching Literacy (9). Pr., admission to professional education, ENGL 3004.** Emphasizes curriculum, methods, strategies and materials related to teaching language arts in the elementary school. Focuses on children's literature, with reading and writing as a developmental and integrated process. Field experiences are provided.

## General Education (EDUC)

**1220. AUM Student Success Course (3).** Introduces campus resources and programs and provides practice and instruction in study skills necessary to succeed academically. Open to all students regardless of academic major. Credit may count as elective hours toward graduation.

**4914. Practicum in Education (1).** Independent (directed) field experience during internship. This course may be taught concurrently with 6914.

**4972. Workshop in Education (1-6). Pr., departmental approval.** Content to be determined for special workshops. This course may be taught concurrently with EDUC 6972

## Economics (ECON)

Professors Clark and Deravi

Associate Professors Lan, Ligeon (Head) and Moore

Assistant Professors Byron and Runco

Lecturer Bates

**2000. Essentials of Economics (3).** Provides the background for a basic understanding of our economic system. Examines supply and demand, institutions in the U.S. system, the role of government and the world economy. Will not substitute for ECON 2010 or ECON 2020. For non-business majors only.

**2010. Economics I (Micro) (3). Pr., MATH 1100 or MATH 1120 or equivalent or appropriate score on the mathematics placement test.** An introduction to basic principles of economics and the methods of microeconomics analysis. Topics include microeconomic analysis of the market forces of supply and demand, price determination, market structure, cost and production specialization and trade and notion of economic efficiency.

**2020. Economics II (Macro) (3). Pr., ECON 2010.** Macroeconomic analysis of aggregate trends and problems that include macroeconomic instability and business cycle, inflation and unemployment, government stabilization policies both fiscal and monetary, the balance of payment and trade and long-run economic growth.

**3010. Contemporary Economic Problems (3). Pr., ECON 2000 or ECON 2010, junior standing.** An intensive analysis of specific, current business and economic problems of major importance.

**3050. Issues in Global Trade and Finance (3). Pr., ENGL 3060 or concurrent with ENGL 3060 or equivalent, upper division standing.** A study of the global nature of our economy and the effects of the global economy on public policy and business decision making. Focuses on effects of global environment on domestic product markets, labor markets, resource markets and financial markets.

**3500. Labor Economics (3). Pr., ECON 2020, junior standing.** A theoretical and institutional examination of the labor market, including wage theories, unionism, the economics of collective bargaining and problems of insecurity.

**3520. Comparative Economic Systems (3). Pr., ECON 2000 or ECON 2010, junior standing.** An analysis of the rival economic doctrines of capitalism, socialism and communism. Focus on alternative versions of the market system that exist currently.

**3540. History of Economic Thought (3). Pr., ECON 2000 or ECON 2010, junior standing.** The development of economic ideas, principles and systems of analysis from early times to the present.

**3600. Money and Banking (3). Pr., ECON 2020, junior standing.** Money, credit and banking, including consideration of monetary systems, foreign exchange and commercial banking with relation to the Federal Reserve System. This course is taught at Alabama State University.

**3800. Topics in Ecological Economics: What Color of Green? (3). Pr., junior standing.** An exploration of the often divergent viewpoints of economists and ecologists over environmental issues. Issues of interest include economic development, environmental preservation, government regulation and international environmental conflicts. Same as BIOL 3800.

**3850. Booms and Busts in Twentieth-Century America: A Macroeconomic History of the U.S. in the World Economy (3). Pr., ECON 2000 or ECON 2020.** A study of macroeconomic concepts and principles and analysis of important events and trends. Economic theory and analysis are applied to world complexities. Investigation of political-economic history and the nature of decision making and their intended and unintended consequences.

**4050. International Institutions and Contemporary Trade Policy (3) Pr., ECON**

**3050.** An examination of the role of international institutions in the global marketplace. Topics will include the role of the International Monetary Fund (IMF) in international financial markets; the roles of the IMF and the World Bank in stabilization and development strategies; an examination of contemporary trade policy within the context of the World Trade Organization, including the importance of intellectual property rights. The course will rely heavily on case studies.

**4100. Intermediate Macroeconomics (3). Pr., ECON 2020, junior standing.** Studies aggregate forces in an economy that seeks the goals of full production, full employment, price stability and growth. Topics include economic growth, the business cycle, issues in monetary and fiscal policy, balance of payments and exchange rate analysis.

**4110. Intermediate Microeconomics (3). Pr., ECON 2010, junior standing.** The study of how prices, output and size of plant are determined within varying economic market organizations.

**4270. Managerial Economics (3). Pr., ECON 2010, junior standing.** Decision theory and criteria for decision making concerning output, pricing, capital budgeting, scale of operation, investment and inventory control. Attention given to concepts of profits, production and cost functions, competition and equilibrium for the firm and industry.

**4600. Law and Economics (3). Pr., ECON 2000 or ECON 2010, junior standing.** Survey of the law and legal institutions (including law enforcement) from an economic perspective. Topics include property, contracts, torts, criminal and constitutional law, efficiency of common law and efficient allocation of law enforcement resources.

**4650. Public Finance (3). Pr., ECON 2010, junior standing.** A study of principles of taxation, government expenditures and fiscal policy in the American economy.

**4700. International Economics (3). Pr., ECON 3050, junior standing.** Survey of basic theory and institutions of international trade, including supply and demand in trade, tariff analysis, customs unions, trade policy, foreign exchange market, international monetary management, balance of payments and trade and international adjustment mechanism. Analysis of current problems.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4924. 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.



**4970. Special Problems/Special Topics (3). Pr., junior standing.** Variable content in economics within the classroom setting. May be repeated up to 6 hours.

## English and Philosophy

Professors Evans, Gerard, Gribben, Harris-Fain (Chair),  
Sterling, Wiedemann and Willis

Associate Professors Aaij, Anderson, and Kaufman

Assistant Professors Cobb, Havard, Jordan, Kelley, Klevay and Woodworth

## English (ENGL)

**0100. Developmental English (3).** Elements of grammar and composition for writing practice and review. Will not substitute for ENGL 1010 or ENGL 1020. In order to receive credit for ENGL 0100, course must be passed with a C or higher with a CR in ENGL 0101. Credit for ENGL 0100 is in addition to minimum degree requirements.

**0101. Developmental English Writing Lab (1).** In-depth practice and review to support writing in ENGL 0100. Individual tutoring as indicated. Will not substitute for ENGL 1010 or 1020. In order to receive credit for ENGL 0101, lab must be passed with a grade of CR and a grade of C or higher In ENGL 0100. Credit for ENGL 0101 is in addition to minimum degree requirements.

**1010. English Composition I (3). Pr., adequate performance on departmental tests, ACT English subscore of 17 or passing ENGL 0100.** The essentials of composition and rhetoric.

**1017. English Composition I, Honors (3). Pr., permission of instructor.** The essentials of composition and rhetoric.

**1020. English Composition II (3). Pr., ENGL 1010, with a minimum grade of C.** The essentials of composition and rhetoric, with study of research skills.

**1027. English Composition II, Honors (3). Pr., ENGL 1010, with a minimum grade of C and permission of instructor.** The essentials of composition and rhetoric, with study of research skills.

**2500. English as a Field of Study (3). Pr. ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.**

Introduces students majoring in English to the possibilities and approaches of the discipline, the methods of computerized and library research and (through guest lectures) the members of the English faculty.

**2530. Survey of English Literature I. (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher.** English literature from Beowulf through the 18th century.



**2540. Survey of English Literature II (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher. English literature from the beginning of the 19th century to the present.

**2570. Survey of American Literature I (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. American literature from the beginning to 1860.

**2580. Survey of American Literature II (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. American literature from 1860 to the present.

**2600. Survey of Literature of the Western World I (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Ancient, classical Greek and Roman, medieval and Renaissance literature, including selected British masterworks.

**2610. Survey Literature of the Western World II (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. The study of 17th, 18th, 19th and 20th-century literature, including selected British and American masterworks.

**3004. Professional Writing for Educators (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each courses. The essentials skills of written communication in the field of education, with practice in report writing, letters and other forms of research and professional communication.

**3005. Professional Writing for Nurses (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. The essential skills of written communication in the field of nursing, with practice in report writing, letters and other forms of research and professional communication.

**3010. Four Genres: An Introduction to Creative Writing (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. An introduction to various genres of creative writing, providing students with experience in writing within each genre and enabling them to become more insightful readers of each genre.

**3012. Topics in Creative Writing (3).** Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Instruction in writing and critiquing poetry, fiction, non-fiction, plays or screenplays. The focus announced at each scheduling of the course. Students read and discuss selected examples of relevant literature. Methods of publishing and fundamentals of the literary market studied. May be repeated twice for credit when the topics vary.

**3023. Special Topics in Literature and the Community (3). Pr., junior standing and permission of the instructor.** Study of literary works for depictions of the community and its components. Students work in community projects. The focus announced at each scheduling of the course. May be repeated once for credit when the topics vary.

**3030. Technical Writing (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Designed to help the pre-engineering and science majors organize and communicate technical information. Includes a series of short reports, a proposal for research and a longer researched report. Emphasis on research, style and organization strategies, with some attention given to visual presentations of information and interpretation of data.

**3040. Studies in Literature and Film (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher.** Comparisons of British, American or European books, stories and films. Critiques the films for their literary values and evaluates the problems they present to writers and film-makers. Focuses on specified genres, periods, directors and writers.

**3050. Advanced Expository Writing (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** The practice and theory of expository writing; the command of language for clear and forceful communication of ideas. Attention given to practical composition, including research writing and writing in special fields.

**3060. Business and Professional Writing (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** The essential skills of written communication in a business environment, such as report writing, letters and other modes of business communication.

**3070. Topics in English Language and Linguistics (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher.** Studies in the system, structure and special areas of the English language. A topic – such as Regional and Social Dialects in Life and Literature, New Directions in Grammar, Selected Old and Middle English Texts or Black English(es) – will be announced at each scheduling of the course. May be repeated once for credit when the topic varies.

**3100. Contemporary Themes in Literature (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher.** The exploration of themes having modern-day interest through an examination of their treatment, stressing British and American literary works.

**3150. Special Topics in Literature (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher.** When the topic is Shakespeare in Production, Education majors seeking certification in English/ Language Arts must first complete ENGL 2530 and ENGL 2540. Focus announced at each scheduling of the course. May be repeated once for credit.

**3250. The Short Story (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** The development of the short story, particularly in America and England, from the early 19th century to the present.

**3280. Introduction to Literary Genres (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** The fundamentals and practice of literary analysis applied to the form and technique of a major literary genre – poetry, drama or fiction – including the terminology and kinds of works specific to it. May be repeated for credit with a different genre as the focus.

**3350. Literature and Myth (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** A study of the sources and subsequent expressions of major archetypal myths in Western literature.

**3710. Authors and Topics in British Literature (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Studies in British literary works, focusing on subject matters, regions, ideas, techniques or movements and ranging from the Arthurian legend to the Bloomsbury Group to the contemporary scene. The topic announced at each scheduling of the course. May be repeated once when the topic varies.

**3720. Authors and Topics in American Literature (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Studies in American literary works, focusing on subject matters, regions, ideas, techniques or movements and ranging from Transcendentalism to Yoknapatawpha County to the contemporary scene. The topic announced at each scheduling of the course. May be repeated once when the topic varies.

**3750. Authors and Topics in British and American Literature (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Combined studies in British as well as American literary works, focusing on trans-Atlantic subject matters, ideas, techniques or schools and ranging from Puritanism to Romanticism and Realism to the contemporary scene. The topic announced at each scheduling of the course. May be repeated once when the topic varies.

**4010. Poetry Writing Workshop (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Workshop designed to help students become more accomplished writers of poetry and more insightful readers of poetry. May be offered concurrently with ENGL 6010.

**4020. Fiction Writing Workshop (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Introduction to writing and critiquing fiction. This course will be conducted primarily as a workshop, centered on discussion of original student writing in order to explore topics involved in creating good fiction. May be offered concurrently with ENGL 6020.

**4040. Creative Nonfiction (3). Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher.** Workshop designed to help students become more accomplished writers of creative nonfiction and more insightful readers of the genre. May be offered concurrently with ENGL 6040.

**4050. Advanced English Grammar (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** A survey of the structure and grammar of English, with intensive examination of selected issues in sentence grammar. May be offered concurrently with ENGL 6050.

**4060. Pedagogy of Basic Writing (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Study of composition theory and the composing process for teachers and writers. May be offered concurrently with ENGL 6060.

**4070. History of the English Language (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Development of the English language. May be offered concurrently with ENGL 6070.

**4080. Literary Criticism (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** A study of the history and fundamental principles of literary criticism from Aristotle to the present. May be offered concurrently with ENGL 6080.

**4090. Writing Across the Curriculum (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Strategies and practice for incorporating writing into the learning process in all curricula. May be offered concurrently with ENGL 6090.

**4130. Studies in Mythology (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Examines the origin, nature and transmission of myth and the importance of myth to cultural traditions and cohesiveness. Focus varies, including the hero, gender images or myth in film. May be offered concurrently with ENGL 6130.

**4160. Chaucer (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** The major works of Geoffrey Chaucer in Middle English. May be offered concurrently with ENGL 6160.

**4210. Poetry and Prose of the English Renaissance (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** The nondramatic literature of the Tudor period, stressing the humanist poets and prose writers. May be offered concurrently with ENGL 6210.

**4270. Studies in Shakespeare (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. A study of the plays of William Shakespeare. The topic will vary from semester to semester at the discretion of the professor.

**4310. Poetry and Prose of the 17th Century (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. The nondramatic literature of the 17th century, with an emphasis on Milton, the Metaphysical poets and important prose writers. May be offered concurrently with ENGL 6310.

**4360. The Bible as Literature (3).** Pr., ENGL 1010 and ENGL 1020, with the required university composition grade of C or higher. Historical-critical analyses of selected books from the Old or New Testament: What was their historical context, how were they composed and what did they mean to their original audience? Specific texts or focus to be announced at each scheduling of the course. May be offered concurrently with ENGL 6340.

**4410. 18th-Century Poetry and Prose (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Selected British poetry and prose from the Restoration to the mid-18th century. May be offered concurrently with ENGL 6410.

**4430. British Fiction I (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. British fiction, particularly the novel, from Daniel Defoe to Jane Austen. May be offered concurrently with ENGL 6430.

**4510. The English Romantic Movement (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. A study of Romantic poetry from Blake through Keats. May be offered concurrently with ENGL 6510.

**4530. British Fiction II (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. A study of the major writers, particularly the novelists, of the 19th century. May be offered concurrently with ENGL 6530.

**4550. Victorian Poetry and Prose (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. The major poets and nonfiction writers from 1830 to 1890. May be offered concurrently with ENGL 6550.

**4630. British Fiction III (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Major British fiction writers, particularly novelists, of the 20<sup>th</sup> century. May be offered concurrently with ENGL 6630.



**4710. American Poetry (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.**

A study of major American poets; the focus to be announced at each scheduling of the course. May be offered concurrently with ENGL 6710.

**4720. American Short Story (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** A study of major American short-story writers; the focus to be announced at each scheduling of the course. May be offered concurrently with ENGL 6720.

**4730. American Novel (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** A study of major contributions to the genre; the focus to be announced at each scheduling of the course. May be offered concurrently with ENGL 6730.

**4740. Studies in American Drama and Theater (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** 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 6740.

**4770. Studies in Southern Literature (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Authors, works and literary movements associated with the American South, including Colonial writers, slavery and slave narratives, the Civil War, Southern Gothic or Southern women writers. May be repeated once for credit when topics vary. May be offered concurrently with ENGL 6770.

**4780. Studies in Children's Literature (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Topics on theme, genre, narrative, character, popular reception, publishing history and other subjects relating to literature written for young audiences. Focus varies with each course offering. May be repeated once when topics vary. May be offered concurrently with ENGL 6780.

**4810. Modern Poetry (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Studies of 20th-century poets and poetic movements of England and America, along with European influences. May be offered concurrently with ENGL 6810.

**4820. Studies in American Literature (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Topics illustrating selected experiences, voices and themes of U.S. authors, including ethnic identities and literary movements. Focus varies with each course offering. May be repeated twice when the topics vary substantially. May be offered concurrently with ENGL 6820.

**4825. Studies in British Literature (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Topics illustrating selected experiences, voices and themes of British authors, including literary movements. Focus varies with each course offering. May be repeated twice when the topics vary substantially. May be offered concurrently with ENGL 6825.

**4830. Studies in British and American Literature (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Topics combining British and American literary works and examining themes, movements or other phenomena that illustrate trans-Atlantic connections. Focus varies with each course. May be repeated twice when topics vary. May be offered concurrently with ENGL 6830.

**4840. Studies in Literary Form (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Topics in the development and artistry of a genre such as essay, autobiography, letter, travel narrative, literary biography or diary and journal. May be repeated twice when topics vary. May be offered concurrently with ENGL 6840.

**4850. Studies in Drama (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. 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 topics vary. May be offered concurrently with ENGL 6850.

**4860. Studies in Medieval Literature (3).** Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. A study of English and selected Continental literature from the Old English elegy through Morte D'Arthur. May be offered concurrently with ENGL 6860. May be repeated twice for credit when topics vary.

**4924. Internship in Writing and Editing (1-6).** Pr., junior standing and 6 hours in upper-level rhetoric, writing, linguistics or editing courses, departmental approval. On-the-job training in editing, word processing, drafting or other duties of an assistant editor. The student's progress is monitored by a supervising professor.

**4962. Readings in English (1-6).** Pr., departmental approval; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Individual study programs in literature or language as determined by the instructor and student. A minimum of two written assignments required. May not duplicate regular course offerings.

**4972. Special Topics in Research and Writing (1-3).** Pr., junior standing and permission of instructor; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course. Instruction and practice in specialized fields of research and writing, such as advanced scholarly projects, archival studies, computer research, grant proposals or community publications.

Focus varies with each course. May be repeated for credit twice when topics vary.

**4973. Editing and Editors (3). Pr., junior standing; ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** Instruction and practice in the art of editing in several styles for varied purposes. May, at the discretion of the instructor, involve an internship or conferences with practicing editors. Emphasizes university press, trade book publisher and/or feature magazine approaches. May be offered concurrently with ENGL 6973.

Philosophy (PHIL)

**2000. Reasoning and Critical Thinking (3).** A study of rational belief, with emphasis on the principles governing the formation and confirmation of explanatory hypotheses.

**2010. Introduction to Philosophy (3).** An introduction to the methods of philosophical inquiry and a study of some major topics in philosophy.

**2030. Logic (3).** An introduction to the principles of valid reasoning, with emphasis on the uses of language, the analysis and criticism of arguments and the fundamentals of deductive inference.

**2100. Applied Ethics (3). Pr., ENGL 1010 and ENGL 1020, with the required university English composition grade of C or higher in each course.** A study of controversial social and moral problems such as abortion, euthanasia, capital punishment, and sexual morality.

**3002. Studies in Philosophy (3).** Individual study programs. Focus to be determined by the instructor and student. May not duplicate regular course offerings.

**3200. Philosophy of Religion (3).** A study of the nature of religion, religious language, knowledge, theories of man and evil and of arguments for the existence of God and the immortality of the soul.

**3310. Ancient Philosophy (3). Pr., HIST 1010 and HIST 1020.** A study of the Pre-Socratics, Plato, Aristotle and the philosophies of Epicureanism, Stoicism and Skepticism.

**3320. Medieval Philosophy (3). Pr., HIST 1010 and HIST 1020.** A study of Augustine, John Scotus, Abelard, Thomas, Duns Scotus, William of Occam and other philosophers of the Middle Ages.

**3330. Modern Philosophy (3). Pr., HIST 1010 and HIST 1020.** A study of major philosophers of the period, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant.

**3340. Twentieth-Century Philosophy (3). Pr., HIST 1010 and HIST 1020.** A study of major philosophers of the last century, including Moore, Russell, Wittgenstein, Carnap, Ayer and Sartre.



**3700. Symbolic Logic (3).** A study of the techniques of natural deduction, including propositional calculus, first order predicate calculus, the logic of relations, attributes of relations, logic with identity and the definite description.

**4110. God & Morality (3). Pr., ENGL 1010, ENGL 1020.** This course involves a philosophical examination of the relationship between religion and morality. Issues to be discussed include the tenability of non-theistic explanations of morality, various theistic accounts of morality, and the relationship between theism and the meaningfulness of human life. May be offered concurrently with PHIL 6110.

**4150. Issues in Bioethics (3).** An investigation of theoretical and practical ethical issues related to contemporary medical practices, including abortion, euthanasia, and the challenges posed by emerging biotechnologies. May be offered concurrently with PHIL 6150.

**4200. Philosophy of Religion (3).** A broad survey of important concerns in the philosophy of religion, including the acquisition of an adequate understanding of the classical theistic conception of God and a study of the challenge that evil raises for traditional theistic faith. May be offered concurrently with PHIL 6200.

**4972. Special Topics in Philosophy (3).** Instruction in specialized fields within philosophy, such as advanced scholarly projects. Focus varies with each course. May be repeated for credit twice when topics vary.

## Finance (FINA)

Professors R. Johnson and Lange

Associate Professors Hahn and Newman

**3210. Personal Risk Management and Insurance (3). Pr., junior standing.** A study of the risk management process using personal lines of insurance, including auto, home, life, health and disability.

**3230. Principles of Real Estate (3). Pr., ACCT 2020, ECON 2020, junior standing.** A study of the fundamental principles and practices as applied to the purchase, sale, lease, mortgage, title and management of real estate.

**3370. Personal Financial Planning (3). Pr., upper division standing.** Analysis of the personal financial needs of an individual at a certain point in the life cycle with information tools to make decisions in the areas of career, spending, saving, investing, insurance, retirement and estate planning.

**3610. Financial Management I (3). Pr., ACCT 2020, ECON 2020, INFO 2070, ECST 2740, upper division standing.** Introduction to financial management emphasizing applications of finance theory. Topics include financial analysis, relationship between risk and rate of return, stock and bond valuation, capital budgeting

procedures and working capital management.

**3620. Financial Management II (3). Pr., FINA 3610.** An examination and application of finance theory, including valuation models, capital structure and dividend policy.

**3650. Financial Institutions and Markets (3). Pr., FINA 3610.** A comprehensive study of financial institutions and markets of the economy in general.

**4210. Enterprise Risk Management (3). Pr., FINA 3610.** An integrated, strategic enterprise-wide system of identifying, measuring and managing risks. Duplicate credit will not be allowed for FINA 4210 and FINA 6210.

**4350. Retirement Planning and Employee Benefits (3). Pr., upper division standing.** A study of funding, qualified plans, profit sharing, stock bonus plans, ESOPs, distributions, installation, administration, and termination of qualified plans, IRAs, SEPs, 403(b) and 457 plans, simple plans, and social security. Employee benefits includes fringe and group benefits.

**4360. Estate Planning (3). Pr., upper division standing.** A study of estate planning documents, property interests, probate, the gift tax, the estate tax, transfers during life and at death, trusts, charitable giving, the marital deduction, life insurance, special elections, generation-skipping transfers, and basic plans.

**4600. Financial Asset and Liability Management (3). Pr., FINA 3650.** Study of financial asset and liability management, relationship of asset/liability management to liquidity and the nation's credit structure.

**4640. Investment Analysis and Portfolio Management (3). Pr., FINA 3620.** Examination of a broad range of investment alternatives with emphasis on those most suitable for individuals; introduction to concepts of risk, security valuation and market behavior.

**4660. Derivatives (3). Pr., upper division standing.** Explores various derivative securities or contracts available in the financial markets. The coverage of the course includes the characteristics, pricing and applications of futures, options and swaps and other derivatives.

**4700. Short-Term Financial Management (3). Pr., FINA 3610.** To provide an interior and integrated treatment of cash management concepts utilizing evaluation and cash flow time lines as integrating themes along with appropriate technology.

**4750. International Finance (3). Pr., FINA 3610, ECON 3050.** Analysis of theories and practices of international finance. Emphasis is on international monetary system, foreign exchange markets, foreign risk exposure, international banking, foreign trade financing and management of multinationals. Duplicate credit not

allowed for FINA 4750 and FINA 6750.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4924. 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.

**4970. Special Problems/Special Topics (3). Pr., junior standing.** Variable content in finance within the classroom setting. May be repeated up to 6 hours.

## Fine Arts

Associate Professors Benson (Head), Hairstans and Jensen

Assistant Professors Fenn, Lingamfelter, Robertson, Sienkewicz and Watson

Music (MUSI)

**1100. Fundamentals of Music (3).** Introduction to the basic elements of music including scales, keys, chords and principles of rhythm.

**1202. Chorale (1). Pr., successful audition.** Performance of a variety of choral literature with the Montgomery Chorale. Course may be repeated for a total of 8 hours. Contact the Fine Arts Department for details.

**1402. Applied Music Instruction (2). Pr., permission of instructor.** Individual instruction in voice or instruments. One one-hour lesson per week. Extensive practice time expected.

**1502. Concert Band (1).** Performance of a variety of band literature with the Capitol Sounds Concert Band. Course may be repeated for a total of 8 credit hours. Contact the Fine Arts Department for details.

**1702. Orchestra (1). Pr., successful audition.** Performance of a variety of orchestral literature with the Montgomery Symphony. Course may be repeated for a total of 8 credit hours. Contact the Fine Arts Department for details.

**2110. Music Appreciation (3).** A survey of Western music from the Middle Ages to the present and of music from selected non-Western cultures. Emphasis on major styles, forms and composers and to the development of listening skills.

**2202. University Chorus 1 (1-3).** A choral performance group open to all students with an interest in singing. May be taken up to four times for credit.

**3110. Music in World Cultures (3).** A survey of musical styles in non-Western cultural traditions (Africa, India, Japan, Native America, etc.). Emphasis on the study of music as a phenomenon of society and culture.

**3232. University Singers (1). Pr., permission of instructor.** A small, select vocal ensemble. Performance of advanced vocal literature. Membership determined by audition.

**3300. Music Today (3).** A survey of popular music since 1945. Emphasis on the many factors that have shaped contemporary music, including history, economics, technology, politics and cultural practices.

**3310. Masterpieces of Western Music (3).** A survey of major works and composers in the Western musical tradition. Content will vary, but works from at least three different stylistic periods covered each semester. May be repeated once for credit.

**4150. Special Topics in Music (3).** Investigation of selected topics in music. Course may be repeated for a total of 6 semester hours, provided a different topic is selected each time.

**4202. University Chorus 2 (1-3). Pr., junior standing.** A choral performance group open to all students with an interest in singing. May be taken up to four times for credit.

**4902. Independent Project in Music (1-3). Pr., departmental approval.** Special project or research in music.

#### Visual Art (VISU)

**1000. Art Appreciation (3).** An introduction to great works of art from all over the world, as well as an observer's introduction to the artistic process as critical thinking and problem solving. Enhanced perceptual skills encourage insight and understanding of the visual experience.

**1102. Two-Dimensional Design (3).** Introduction to the basic elements and principles of two-dimensional design, with emphasis on composition, color theory, media and individual concepts.

**1112. Drawing 1 (3).** Drawing from observation, with an emphasis on composition, line perspective and value, using various dry and aqueous monochromatic media.

**1122. Drawing 2 (3). Pr., VISU 1112.** Drawing from observation, with an emphasis on composition, creativity and accurate observation, with the use of various dry and aqueous monochromatic and color media.

**1132. Three-Dimensional Design (3).** Introduction to the basic elements and principles of three-dimensional design, using various media.

**1702. Visual Thinking (3).** An introduction to the Macintosh operating system and imaging software. Emphasis on methods of combining digital and traditional media.

**2002. Portfolio Review (1). Pr., VISU 1102, VISU 1122 and VISU 1132.** Preparation of a portfolio of student art work for evaluation by the Fine Arts Department faculty. Students should take this course in their sophomore year.

**2030. Art History 1 (3).** A survey of the visual arts in the West from Prehistory through Medieval.

**2040. Art History 2 (3).** A survey of the visual arts in the West from Renaissance through Modern.

**2202. Watercolor (3).** Configurational studies in aqueous media on paper. May be repeated for credit.

**2212. Painting 1 (3).** Painting in oil (and/or possibly other media) in abstract and representational imagery.

**2312. Sculpture 1 (3).** An introduction to sculptural problems, practices and materials. Modeling, carving stone and wood and fabrication techniques may be explored.

**2502. Printmaking 1 (3). Pr., VISU 1102.** Exploring various printmaking media, screen printing, relief printing, intaglio and others.

**2600. Architecture Appreciation (3).** A survey of world architecture, with emphasis on the interrelationship of art, architecture, place and culture.

**2603. Public School Art (3).** Materials and methods for the development of art activities in elementary and secondary schools.

**2702. Computer Graphics (3). Pr., VISU 1102.** Emphasis on skills needed to produce vector- and raster-based graphics to solve problems in design and layout.

**2712. Photography 1 (3).** Using photography in advertising, fine arts, journalism and public relations.

**2722. Typography 1 (3). Pr., VISU 1102.** Emphasis on fundamentals and traditional techniques of typography with a survey of the history of typography.

**2732. Graphic Design 1 (3). Pr., VISU 2722.** Exploring creative systems to solve communication problems.

**3010. Survey of Non-Western Art (3).** Survey of tribal, pre-Columbian, Islamic, Indian and Far Eastern art. This course may be taught concurrently with VISU 6010.

**3020. The Renaissance in Italy (3).** An analysis of the visual arts in Italy from the 14th through the 16th-century. May be taught concurrently with VISU 6020.

**3030. History of Seventeenth and Eighteenth-Century Art (3).** An investigation beyond the survey level of Western painting, sculpture and architecture produced during the Baroque and Rococo periods. May be taught concurrently with VISU 6030.

**3040. History of Nineteenth-Century Art (3).** 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 VISU 6040.

**3050. American Art (3).** A study beyond the survey level of the visual arts in America from the Colonial Era to the present. May be taught concurrently with VISU 6050.

**3060. Art Since 1945 (3).** A study of international art since 1945 as well as themes and issues in contemporary art. May be taught concurrently with VISU 6060.

**3070. Women in the History of Art (3).** A study of women artists from 1550 to the present, including cultural and social issues and historiography. May be taught concurrently with VISU 6070.

**3080. History of Graphic Design (3).** A presentation of information regarding the social and cultural impact, artistic value and historical significance of graphic design worldwide. A discussion and exposition of the history of graphic design. Emphasizes the integration of graphic design into world culture and specific societies.

**3090. 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 6090.

**3112. Figure Drawing (3). Pr., VISU 1122.** Figure drawing using various approaches and media. May be repeated for credit.

**3122. Advanced Drawing (3). Pr., VISU 1122.** Emphasis on creativity and composition; various media.

**3222. Painting 2 (3). Pr., VISU 2212.** Painting in oil (and/or possibly other media) in abstract and representational imagery (a continuation at the intermediate level of VISU 2212 Beginning Painting).

**3232. Painting 3 (3). Pr., VISU 3222.** Painting in oil (and/or possibly other media) in abstract and representational imagery (a continuation at a more advanced level of VISU 3222 Painting 2).

**3322. Sculpture 2 (3). Pr., VISU 2312.** Further exploration of sculptural problems, practices and materials.

**3412. Ceramics 1 (3).** Pr., **VISU 3412.** An introduction to the properties and uses of clay as a sculptural material. The potter's wheel, construction methods, glazing and kiln firing techniques explored.

**3422. Ceramics 2 (3).** Pr., **VISU 3412.** Further exploration into the properties and uses of clay as a sculptural material.

**3502. Screen Printing (3).** Pr., **VISU 2502.** Explores screen printing as a fine art medium including development and application of various hand-cut and photo stencils in compositional printing.

**3512. Intaglio (3).** Pr., **VISU 2502.** Exploring intaglio printing as a fine art through traditional and contemporary techniques of etching, softground, drypoint, aquatint, and color methods.

**3522. Intermediate Print (3).** Pr., **VISU 2502, VISU 3502, VISU 3512, VISU 4502.** Explores advanced and alternative concepts, forms, and techniques in printmaking.

**3600. Introduction to Art Museology (3).** A survey of the history, function and organizational structure of art museums. Focuses on the philosophy of museum collecting and the museum's relationship to the larger community.

**3702. 3-D Animation (3).** Pr., **VISU 2702.** Introduction to three-dimensional modeling, rendering and animation, with emphasis on problem solving related to concept and execution.

**3722. Typography 2 (3).** Pr., **VISU 2722.** Experience in letter forms with emphasis on the creative use of type on the computer.

**3732. Graphic Design 2 (3).** Pr., **VISU 2732.** Methods and processes of graphic design problem solving and production techniques. Development of critical thinking, oral presentation and writing skills.

**3812. Wet and Dry Plate Photography (3).** Pr., **VISU 2712 or VISU 2812.** Exploration of photographic imagery produced on glass and aluminum.

**3912. Alternative Photography (3).** Pr., **VISU 2712 or VISU 2812.** Exploration of nonsilver photographic processes utilizing digital negatives and hand coated emulsions. While many of the processes to be discussed were invented in the 19th Century, they will be conceptually approached from a contemporary perspective.

**3960. Reading in Art History (3).** Pr., **VISU 2030 and VISU 2040.** Research in the literature in respect to an art historical period, personage or problem. May be repeated once for credit.

**4100. The Artist in Film and Fiction (3).** Examines visual artists and the creative process as depicted in film and fiction.

**4200. Contemporary Art Practice (3). Pr., junior standing.** Seminar-based class that addresses themes in contemporary art practice from the 1960s to the present. These themes will be studied through texts by artists, art historians, critical theorists, philosophers and others.

**4242. Painting 4 (3). Pr., VISU 3232.** Optional problems and media with emphasis on personal expression. May be repeated for credit. May be taught concurrently with VISU 6202.

**4332. Sculpture 3 (3). Pr., VISU 3322.** Advanced exploration of sculptural problems, practices and materials with emphasis on the development of a personal style. May be repeated for credit.

**4342. Sculpture 4 (3). Pr., VISU 4332.** A continuation of Sculpture 3. Emphasis on strengthening the technical and aesthetic skills toward further development of a personal style. May be repeated for credit. May be offered concurrently with VISU 6302.

**4432. Ceramics 3 (3). Pr., VISU 3422.** Advanced exploration of problems, practices and materials in clay with emphasis on the development of a personal style. May be repeated for credit.

**4442. Ceramics 4 (3). Pr., VISU 4432.** A continuation of Ceramics 3. Emphasis on strengthening the technical and aesthetic skills toward further development of a personal style. May be repeated for credit. May be offered concurrently with VISU 6402.

**4502. Printmaking 4 (3). Pr., VISU 3502.** Optional problems and media with emphasis on personal expression. May be repeated for credit.

**4702. Presentation Graphics 1 (3). Pr., VISU 2702.** Introduction to html, basic and advanced techniques of web design. Programming not required.

**4712. Presentation Graphics 2 (3). Pr., VISU 2732.** Advanced computer graphics, exploring various formats related to web design, including CSS and Flash. Basic animation, interface design and action scripting.

**4732. Graphic Design 3 (3). Pr., VISU 3732.** Implementation of design skills previous design courses. Concentration on research, design approach and final communication solutions.

**4742. Advertising Art (3). Pr., VISU 3732.** Development of design strategies and solutions as they relate to marketing, branding and advertising for products and services.



**4902. Individual Studio Project (1-3). Pr., department head's approval.** Advanced projects in the various disciplines, initiated by the student and undertaken with faculty supervision. May be repeated for credit. May be taught concurrently with VISU 6902.

**4922. Art Internship (3). Pr., successful completion of Upper Level Foundation.** A work schedule of 9 hours per week as a staff member with an approved internship sponsor under the direction of a supervising art director. Credit given as an art elective. Cannot be repeated for credit.

**4972. Special Topics in Visual Arts (1-3). Pr., permission of instructor.** Topics vary. May be repeated for credit.

**4982. Senior Project (3).** A senior project culminating the Studio or Graphic Design emphasis under the direction of the student's concentration advisor in painting, printmaking, sculpture, ceramics or graphic design. The student will make a presentation of his or her art work for review by the Fine Arts faculty.

## Foundations, Technology and Secondary Education (FTSE)

Professors Alexander and Gilchrist (Head)

Associate Professors Good and Young

Assistant Professors Broussard, Burks, Lewis and Shumack

Foundations of Education (FNDS)

**2010. Social Foundations of Education (4). Pr., English Composition I and II.** Required for all students in teacher education; provides introduction to education, including historical and philosophical foundations; the role of the school in American culture; and ethical, legal and professional issues. This class will be taught as writing intensive. Field experiences are required.

**2120. Child and Adolescent Growth and Development (3). Pr., FNDS 2010.** Provides an analysis of the function of the teacher and the school in directing, measuring and evaluating individual growth and development from birth to adolescence.

**2140. Psychological Foundation of Education (3). Pr., FNDS 2010.** Required for completion of teacher education program. Examines the psychological dimensions of the education process, conditions under which learning occurs, evaluation of learning and related teaching methods. Writing-intensive sections are 4 hours.

**4010. Online/Internet Education Skills (3/4).** Skills necessary to succeed when taking online/Internet courses. May be taught concurrently with FNDS 6010.

**4703. Educational Technology (3). Pr., SCED 1000.** Provides an overview of the materials and skills needed to use computers effectively in an educational setting. Students will become familiar with the use of new technologies most often used in educational settings.

**4800. Measurement and Evaluating in Teaching (3). Pr., one methods course and admission to professional education.** Methods, procedures and evaluative instruments for determining teaching effectiveness, pupil learning, an attainment of educational goals in cognitive, psychomotor and affective areas. May be taught concurrently with FNDS 6800.

## Secondary Education (SCED)

**1000. Introduction to Computer Literacy (1).** Fundamental computer skills are covered. The SOE electronic portfolio system is introduced and students set up SOE e-portfolio and contribute introductory information. Mac and PC platforms are used.

**4000. Principles of Teaching in Diverse Environments (3). Pr., admission to professional education.** 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. Field experiences required. May be taught concurrently with SCED 6000.

**4050. Classroom Management and Teaching in Middle and Secondary Schools (4). Pr., admission to professional education; SCED 4000.** 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. Special needs of adolescents are addressed. Field experiences required. This class will be taught as writing intensive. May be taught concurrently with SCED 6050.

**4100. Teaching Methods for Secondary Language Arts (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Required course for all students teaching secondary language arts. Provides specific instructional strategies and techniques for teaching language arts. Curriculum standards and assessment strategies reviewed. Field experiences required. May be taught concurrently with SCED 6100.

**4110. Teaching Methods for Secondary Mathematics (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Required for all students teaching secondary mathematics. Provides specific instructional strategies and techniques for teaching mathematics. Curriculum standards and assessment strategies reviewed. Field experiences required. May be taught concurrently with SCED 6110.

**4120. Teaching Methods for Middle School (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Specific techniques for teaching middle school addressed: teaming, interdisciplinary themes and units, exploratory courses and advisor/advisee programs. Field experiences required. May be taught concurrently with SCED 6120.

**4130. Teaching Methods for Secondary Science (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Required for all students teaching secondary science. Provides specific instructional strategies and techniques for teaching science. Curriculum standards and assessment strategies reviewed. Field experiences required. May be taught concurrently with SCED 6130.

**4140. Teaching Methods for Secondary Social Science (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Required for all students teaching secondary social science. Provides specific instructional strategies and techniques for teaching social sciences. Curriculum standards and assessment strategies reviewed. Field experiences required. May be taught concurrently with SCED 6140.

**4152. Teaching Methods for Art (3). Pr., admission to professional education; SCED 4000 and SCED 4050.** Required for all students teaching art. Provides specific instructional strategies and techniques for teaching art. Curriculum standards and assessment strategies reviewed. Field experiences required. May be taught concurrently with SCED 6152.

**4924. Professional Internship in Secondary Education (9). Pr., admission to internship.** Students are placed in public schools for supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of field and clinical experiences.

**4982. Bachelor's Comprehensive Examination (0). Pr., departmental approval.** A comprehensive exam to evaluate undergraduate study.

## History (HIST)

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

**1010. World History I to 1648 (3).** A survey of world civilization from prehistory to 1648.

**1017. History 1010, Honors (3).** Enhanced version of HIST 1010.

**1020. World History II Since 1648 (3).** A survey of world civilization from 1648 to the present.

**1027. History 1020, Honors (3).** Enhanced version of HIST 1020.

**1050. The World Since 1945 (3).** Examines major trends in world history since the end of World War II and the origins of many contemporary world problems.

**1060. Western Civilization to 1648 (3).** A survey of western civilization from prehistory to 1648.

**1067. Western Civilization to 1648, Honors (3).** An enhanced version of HIST 1060.

**1070. Western Civilization since 1648 (3).** A survey of western civilization since 1648.

**1077. Western Civilization since 1648, Honors (3).** An enhanced version of HIST 1070.

**2010. United States History to 1865 (3).** A survey of the political, economic, social and intellectual movements and institutions of the United States from colonial times to 1865.

**2020. United States History Since 1865 (3).** A survey of the political, economic, social and intellectual movements and institutions of the United States from 1865 to the present.

**3000. Prehistory of North America (3). Pr., ANTH 2110 or ANTH 2120.** Prehistory of North America, emphasizing peopling of the New World, earliest American Indian cultures and later regional developments from Pleistocene times until European exploration and conquest. (Same as ANTH 3000.)

**3010. Colonial America, 1607-1763 (3).** A study of the development of the political, social, economic and intellectual growth of colonial America.

**3020. The American Revolution, 1763-1789 (3).** A study of the events that led to the break with the mother country and the creation of an independent United States.

**3030. The New American Nation, 1789-1846 (3).** A study of the early decades of the American Republic, tracing the expansion of the country and the development of national institutions.

**3040. The Civil War and Reconstruction, 1846-1877 (3).** A study of the great crisis of the American nation, from the emergence of the issue of slavery in the territories through the Civil War to the end of Reconstruction.

**3050. The United States, 1877-1920 (3).** A study of the transformation of the United States from an agrarian society into an urban, industrial one and the accompanying social, political and intellectual developments.

**3060. The Development of Modern America, 1920-1953 (3).** A study of the changes in the United States under the pressures of cultural upheaval, the Depression, World War II and Cold War.

**3070. Recent America, 1953-present (3).** A study of the political, social and economic development of the United States since the presidency of Dwight D. Eisenhower.

**3090. African-American History (3).** A study of African Americans in the United States since 1619 in light of slavery and emancipation, post-Civil War race relations, the Civil Rights movement, political and economic advancement and the debate over

integration and separatism.

**3120. The North American Indians (3).** A cultural survey of native America. Description and analysis of the specific features of representative Indian cultures and cultural developments. (Same as ANTH 3120.)

**3170. World War I (3).** A study of World War I, its origins, military aspects and social, economic, political and intellectual consequences. The focus is on Europe and the United States.

**3180. World War II (3).** A study of World War II, its origins, military aspects and social, economic, political and intellectual consequences. The focus is on Europe, the United States and Asia.

**3210. Greek Civilization (3).** A study of Greek civilization from the Mycenaean era through the Hellenistic Golden Age to the incorporation of the Greek states into the Roman Empire. Emphasis is on the development of political, scientific, philosophic and literary concepts.

**3220. The Roman World (3).** A study of Rome from the founding of the Roman Republic in 509 B.C.E. to the fall of the Western Roman Empire in 476 CE, with emphasis on the development of Roman political, legal, intellectual and religious ideas.

**3230. Early Medieval Europe, 300-1000 (3).** Examines the major, political, religious and social themes that formed the foundation of early medieval society. Lecture and discussion format with in-class essay exams and analytical papers.

**3240. Medieval Europe, 1000-1500 (3).** Examines the major, political, religious and social themes of the Middle Ages, 1000-1500. Lecture and discussion format with in-class essay exams and analytical papers.

**3250. Early Modern Europe, 1648-1815 (3).** A study of political, social and intellectual developments in 17th and 18th-century Europe, with special emphasis on the consolidation of the nation-state and the rise of the European state system.

**3260. Modern Europe, 1815-Present (3).** A study of the major political, social and economic forces that shaped modern Europe, particularly nationalism and industrialism.

**3300. Poland (3).** An analysis of the origins, rise, fall and reincarnation of the Polish state from its conversion under Mieszko in the 10th-century to its revolt under Walesa in the 1980s.

**3310. Ancient Philosophy (3). Pr., HIST 1010, HIST 1020.** A study of the Pre-Socratics, Plato, Aristotle and the philosophies of Epicureanism, Stoicism and Skepticism. (Same as PHIL 3310.)

**3320. Medieval Philosophy (3). Pr., HIST 1010, HIST 1020.** A study of Augustine, John Scotus, Abelard, Thomas, Duns Scotus, William of Occam and other philosophers of the Middle Ages. (Same as PHIL 3320.)

**3340. 20th-Century Philosophy (3). Pr., HIST 1010, HIST 1020.** A study of major philosophers of last century, including Moore, Russell, Wittgenstein, Carnap, Ayer and Sartre. (Same as PHIL 3340.)

**3400. Religions in the Roman Empire (3).** A survey of ancient roman religions and their development in the Imperial period including, the traditional cults, the Imperial Cult, Mithraism, Cybele, Saturn, Christianity and other Mystery Religions.

**3410. History of Early Christianity (3).** A survey of the major conceptual and institutional developments of Christianity, including the Jewish background, the apostolic movement, persecutions, councils, major doctrines and the period of Justinian.

**3420. Medieval and Modern Christianity (3).** A survey of church history from Augustine of Hippo to the modern period, including church-state conflicts, theology, the Reformation, Pietism, Wesleyanism, Anglicanism, Vatican II, Baptist groups, Pentecostalism, Charismatic movement, Social gospel and Liberation theology.

**3610. The World of the Bible (3).** A survey of the different cultures in the ancient Middle East from their origins ca. 3000 B.C.E. to the emergence of Rome, including Egypt, Sumer, Assyria, Babylonia, Persia, Syro-Palestine, Greece and Rome.

**3620. The Crusades (3).** A study of the expeditions by Western Europeans to the Near East during the High Middle Ages, with special emphasis on religious, political, economic, intellectual and military changes experienced by all participants.

**3630. The Middle East: From Muhammad and the Rise of Islam to World War I (3).** A view of those intellectual, social, economic and political factors that led to the rise of Arab, Islamic and Ottoman civilizations, their declines and the imposition of European colonial power in the Middle East.

**3640. The Modern Middle East: World War I–Present (3).** An assessment of the legacy of European colonialism, superpower competition and the development of indigenous nationalism in the modern Middle East with an emphasis on present political problems.

**3670. Africa to 1800 (3).** A survey of the political, social and economic development of Africa and its interaction with other regions of the world from the origins of humankind to the Atlantic slave trade.

**3680. Africa Since 1800 (3).** A study of Africa in the last two centuries, focusing on the abolition of the slave trade, the colonial era, African nationalism, decolonization and independent Africa's progress and problems.

**3710. Imperial China to 1644 (3).** A survey of Chinese history from classical antiquity to 1644, emphasizing social, political, economic and intellectual developments in the imperial period. Designed to introduce basic concepts of traditional China.

**3720. Modern China, 1644-Present (3).** A study of the political, economic and cultural developments of China from the Qing dynasty to the People's Republic, focusing on the search by the Nationalist and Communist Parties for means to create an independent and modern nation.

**3740. Pre-modern Japan to 1850 (3).** An introduction to pre-1850 Japan, focusing on long-range social developments and the linkages between higher culture, polity, economy and environment.

**3750. Modern Japan, 1850-Present (3).** A study of the political, social, cultural and economic aspects in the making of modern Japan.

**3800. New World Civilizations (3). Pr., ANTH 2110.** A survey of the prehistory of Mexico, Peru and adjacent areas, tracing the development of state-level societies from the earliest inhabitants to European contact. The Teotihuacan, Aztec, Mayan and Peruvian cultures emphasized. (Same as ANTH 3800.)

**3810. Colonial Latin America (3).** A survey of European and native political, economic, religious and social developments and institutions from the era of conquest to the Wars of Independence in the 19th-century.

**3820. Modern Latin America (3).** A survey of the nations of Latin America from independence in the early 19th-century to the present, with emphasis on internal problems, reform movements and external relations with the United States and other countries.

**3830. The Cold War and Latin America (3).** A study of internal changes in Latin America as it was increasingly drawn into the international arena after World War II, with special consideration of such problems as military governments and human rights, drug trafficking, economic dislocations and migration.

**3840. The United States and Latin America (3).** A study of U.S. relations with its hemispheric neighbors, examining the goals of Latin Americans as well as those of their policymakers and analyzing the tensions arising from inequalities of wealth and power, American interventions, the Cold War and drug trafficking.

**3850. Central America and the Caribbean (3).** An examination of the sources of unrest and revolution in this region of Latin America. Emphasizes the problems of dependent economic development, the prominent role of the U.S. and the origins of nationalism during the 19th and 20th centuries.

**3940. Historical Methods (3).** An examination of the techniques and methods employed in the research and writing of history with an emphasis on developing research



skills using archival sources and government documents. Also an emphasis on development computer skills, including word processing and data base research.

**3970. Special Topics in History (3).** Special topics in historical periods or themes. Consult Schedule of Classes for current offerings.

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

**4020. The American South Since 1865 (3). Pr., junior standing.** A study of the continuing 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 6020.

**4030. History of American Slavery (3). Pr., junior 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 6030.

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

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

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

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

**4120. History of Religion in America (3). Pr., junior 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 6120.

**4140. History of American Business (3). Pr., junior 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 6140.



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

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

**4190. American Historiography (3). Pr., junior standing.** A study of 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 6190.

**4230. Women in Medieval Society (3). Pr., junior standing.** Examines religious, political and social roles of women in the Middle Ages from about 500 to 1500. Lectures and discussion format with in-class essay exams and analytical papers. Concurrent with HIST 6230.

**4240. Witchcraft and Magic Before 1700 (3). Pr., junior standing.** Examines medieval, 16th and 17th-century European witchcraft and magic in its social, political, religious and legal context. Concurrent with HIST 6240.

**4250. Biographical Studies (3). Pr., junior standing.** Explores biography as a historical genre from antiquity to the present. Concurrent with HIST 6250,

**4290. Non-American Historiography (3). Pr., junior standing.** A study of 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 6290.

**4310. The Renaissance (3). Pr., junior standing.** Examines the 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 6310.

**4320. The Reformation (3). Pr., junior standing.** Examines 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 6320.

**4340. Medieval England (3). Pr., junior standing.** A study of the Middle Ages in England, especially the post-Conquest period, examining political, social, economic and religious institutions and changes up to the Tudor period in 1485. Concurrent with HIST 6340.

**4360. Tudor-Stuart England (3). Pr., junior 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 intellec-

tual changes of lasting effect. Concurrent with HIST 6360.

**4380. Modern Britain (3). Pr., junior standing.** A study of the economic, social, political and cultural forces contributing to the development of contemporary Britain. Concurrent with HIST 6380.

**4400. France, 1787-1870 (3). Pr., junior standing.** Covering the period from the beginning of the Revolution until the fall of Napoleon III and focusing on the forces arising from the Revolution. Concurrent with HIST 6400.

**4410. Modern France, 1870-Present (3). Pr., junior standing.** A study of the uncertain course of republican government in France and some of the causes and consequences of this instability. Concurrent with HIST 6410.

**4420. The French Revolution and Napoleon (3). Pr., junior standing.** A study of revolutionary ideas and events in France and Europe from 1789 to 1815 with emphasis on the forces and factors causing revolution and reaction. Concurrent with HIST 6420.

**4450. Early Germany (3). Pr., junior standing.** A survey of 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. Cultural and religious issues also discussed. Concurrent with HIST 6450.

**4460. Modern Germany (3). Pr., junior standing.** A study of German history from 1806 to the present, including German unification, political society in the Second Empire, the failure of democracy during the Weimar Republic, the rise of National Socialism and postwar developments. Concurrent with HIST 6460.

**4490. The Enlightenment (3). Pr., junior standing.** Examines 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 6490.

**4500. The Industrial Revolution (3). Pr., junior standing.** A study of the development of industrialism and its consequences in Europe and other parts of the world. Concurrent with HIST 6500.

**4520. The Western Way of War, 1775-1920 (3). Pr., junior standing.** Examines and compares the major wars and military trends in Europe and the United States. Special focus on how the revolutionary forces of nationalism, democracy and industrialization contributed to the emergence of modern and total warfare. Concurrent with HIST 6520.

**4540. The Habsburg Empire (3). Pr., junior standing.** Examines the history of East Central Europe during the last phase of Habsburg history. The difficulties inherent in running a multi-national state provide the main focus of analysis. Concurrent with HIST 6540.

**4560. Imperial Russia (3). Pr., junior standing.** A 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 6560.

**4570. Russia and the Soviet Union (3). Pr., junior standing.** Survey of Russian history since 1861, examining the rise of a revolutionary movement and the development of the Communist state; including Soviet culture, foreign policy, governmental and economic structures. Concurrent with HIST 6570.

**4580. Technology in the Soviet Union (3). Pr., junior standing.** Explores 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 6580.

**4590. East Europe in the 20th-Century (3). Pr., junior standing.** An examination of the history of East Central Europe from World War I to the collapse of the communist regimes. Emphasis on comparative political and socio-economic development. Concurrent with HIST 6590.

**4630. Israel and the Arab World (3). Pr., junior standing.** An examination of the development of Arab and Israeli nationalism and their transformation in the age of superpower rivalry in the region. Concurrent with HIST 6630.

**4640. South African History (3). Pr., ENGL 1010, 1020.** 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 6460.

**4650. Racial Segregation in South Africa (3). Pr., ENGL 1010, 1020.** 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 6650.

**4660. The Life and Times of Nelson Mandela (3). Pr., ENGL 1010, 1020.** A study of Nelson Mandela and the struggle for racial equality in South Africa, covering Mandela's early activism, imprisonment, efforts to achieve democracy upon his release, and his status as an international icon. Concurrent with HIST 6660.

**4690. Contemporary Africa (3). Pr., ENGL 1010, 1020.** A study of the key political, economic and social trends in Africa during the last 10 to 15 years. Concurrent with HIST 6690.

**4730. A History of Chinese Communism (3). Pr., junior standing.** An analysis of the Chinese Communists, rise to power and the political and social changes that have occurred since establishment of the People's Republic in 1949. Concurrent with HIST 6730.

**4770. Vietnam (3). Pr., junior standing.** An analysis of both traditional Vietnamese culture and the character of French and American involvement in the country. Concurrent with HIST 6770.

**4790. East Asian-American Relations since 1850 (3).** A study of 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 6790.

**4800. Mexico Since 1810 (3).** An introduction to the national history of Mexico; examining Mexico's 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 6800.

**4850. The Holocaust (3). Pr., junior standing or permission of instructor.** 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 6850.

**4962. Readings in History (3). Pr., junior standing.** Special reading tutorials or independent research projects may be proposed by students with a 3.0 GPA or better in history courses. Concurrent with HIST 6962.

**4972. Advanced Special Topics in History (3). Pr., junior standing.** Special advanced reading tutorials or independent research projects may be proposed by students with a 3.0 GPA or better in history courses. Concurrent with HIST 6972.

## University Honors Program (HONR)

**1057. Honors Colloquium (1). Pr., admission to the University Honors Program.** Designed to engage students in broadly defined cultural events through written analysis. Participants in the University Honors Program should take this course at least three times prior to graduation.

**1997. Selected Topics (1-3). Pr., admission to the University Honors Program.** Topics vary and are announced at each offering. May be repeated provided that a different theme is selected each time.

**2757. WI-UHP Seminar (1). Pr., admission to the University Honors Program.** Topics will vary and are announced prior to the start of each academic year. Studies are thematic, usually interdisciplinary, usually taught by faculty teams. Assignments vary with each offering. Meets Writing Intensive requirements.

**2997. Selected Topics (1-3). Pr., admission to the University Honors Program.** Topics vary and are announced at each offering. May be repeated provided that a different theme is selected each time.

**3997. Selected Topics (1-3). Pr., admission to the University Honors Program.** Topics vary and are announced at each offering. May be repeated provided that a different theme is selected each time.

**4937. UHP Independent Study (3). Pr., admission to the University Honors Program.** Special research problem or project, developed under the direction of the instructor. Requires approval of the UHP Director. May be repeated so long as new project is chosen.

**4957. Honors Thesis (3). Pr., admission to the University Honors Program.** Topics vary and are announced at each offering. May be repeated provided that a different theme is selected each time.

**4997. Selected Topics (1-3). Pr., admission to the University Honors Program.** Topics vary and are announced at each offering. May be repeated provided that a different theme is selected each time.

## Human Resource Management (HRSM)

Professors Arnold, Duarte, Goodson and Ritvo

Associate Professors Banning (Head), Hall, Johnson, M. Kiker and S. Kiker

**3150. Human Resource Management (3). Pr., MNGT 3100, junior standing.** Managing human resources effectively to implement organizational strategies and achieve objectives. The strategic role of human resources and the management of human resource planning, selection, training, performance evaluation, compensation, safety and labor/management relations.

**3550. Issues in Human Resource Management (3). Pr., MNGT 3100, HRSM 3150, junior standing.** Seminar on current and future concerns and issues in the field of human resource management.

**4000. Compensation Management (3). Pr., HRSM 3150, upper division standing.** The design and maintenance of employee pay and benefits systems that contribute to the effective implementation of organizational strategy. Emphasis upon internal equity, external competitiveness, employee motivation, ease of administration, legality and budgetary issues in compensation management.

**4050. Employment Law (3). Pr., HRSM 3150, upper division standing.** Examination of topics including wage and hour legislation, equal employment opportunity and civil rights, employee benefits and insurance, workers' compensation, occupational safety and health laws and employees' personal rights.

**4440. Labor/Management Relations (3). Pr., HRSM 3150, upper division standing.** The management of human resources in union and nonunion organizations at the strategic, collective bargaining and workplace levels; labor relations strategy in union and nonunion organizations; how and why employees form unions; problems and goals of labor and management as they interact in the workplace; labor negotiations, contract administration, dispute resolution and the legal environment.

**4550. Advanced Issues in Employment Law (3). Pr., HRSM 4050, upper division standing.** A seminar designed to focus the attention of the major on current issues of interest in employment law. Content will change to reflect the current status of employment law.

**4600. Employee Recruitment, Selection and Appraisal (3). Pr., HRSM 3150, upper division standing.** The theoretical and practical aspects of administering a staffing program. Topics include recruitment strategies, job analysis, psychometric theory and selection methods. In addition, the course covers the construction and administration of legally defensible performance appraisals.

**4610. Human Resource Development and Safety (3). Pr., HRSM 3150, upper division standing.** The theoretical and practical aspects of designing and administering a training and development program. Topics include needs assessment, training methods, evaluation, development safety and health.

**4660. Human Resource Management (3). Pr., HRSM 3150, upper division standing.** A course designed to give students a first hand look at computer applications in the human resource (HR) field. Using a commercial HR program in conjunction with spreadsheet applications, students will use HR information to solve problems and comply with regulatory requirements.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4924. Internship in Human Resource Management (1-3). Pr., departmental approval.** Provides students with the opportunity to gain valuable insight through practical human resource management experience so they may better correlate their academic experience with a professional, real-world environment. Business or HRSM elective credit.

**4970. Special Problems (3). Pr., junior standing.** Variable content in human resource management within the classroom setting. May be repeated up to 6 hours.

## Information Systems (INFO)

Professor Griffin

Associate Professors Gehling, Lucy-Bouler and Verville (Head)

Assistant Professor Jourdan

**2050. Computer Applications in Business (3).** The use of microcomputer hardware and software with an emphasis on microcomputer operating systems and personal productivity software for business.

**2070. Introduction to Management Information Systems (3). Pr., CSCI 1000, INFO 2050 or equivalent.** Introduction to the management of information computer-based systems. The development, management, control, protection and

maintenance of information systems is covered from both the technical and non-technical/user perspective. The strategic impact on the individual organization and society is examined.

**2100. Network Operating Systems (3). Pr., INFO 2050 or departmental approval.**

An introduction to network and multi-user operating systems such as Microsoft Windows Server, Unix and Linux.

**2200. Object Oriented Design Fundamentals (3). Pr., INFO 2050 or departmental approval.** An introduction to object-oriented design concepts. Emphasis is on design of software using non-programming development tools like Alice.

**2300. COBOL I (3). Pr., INFO 2070.** Introduction to COBOL with programming problems and systems of increasing complexity. Include development of program logic, structured programming concepts and history of COBOL applications. Emphasis is on logic and COBOL language and structure.

**3000. Java I (3). Pr., INFO 2070 or departmental approval.** An introduction to the Java programming language used in internet and intranet programming.

**3010. Java II (3). Pr., INFO 3000.** Advanced programming in the Java language. Includes data structures, network applications and database applications.

**3100. Information Technology Applications (3). Pr., INFO 2070, junior standing.** A survey of applications of computerized management information systems in operations management. Includes the application of business software to problems in operational areas of management.

**3200. C++ I (3). Pr., INFO 2070 or departmental approval.** An introduction to the C++ programming language. Includes C syntax, control structures, arrays and strings.

**3210. C++ II (3). Pr., INFO 3200.** Advanced programming in the C++ language. Includes object-oriented programming, data structures and GUI programming.

**3310. COBOL II (3). Pr., INFO 2300.** Advanced programming in the COBOL language. Includes data structures, file management and object oriented programming.

**3400. Visual Basic I (3). Pr., INFO 2070 or departmental approval.** An introduction to the Visual Basic language. Includes control structures, arrays and strings.

**3410. Visual Basic II (3). Pr., INFO 3400.** Advanced programming in the Visual Basic language. Includes object-oriented programming, data structures and GUI programming.



**3500. Survey of Computer Languages (3). Pr., INFO 2070, junior standing.** A study of specialized languages as they are applied to business information processing.

**3550. Data Structures (3). Pr., INFO 2300, junior standing.** The study of structures and techniques used in representing and operating the logical relationship among elements of information. Examines the methods by which higher level languages implement such structures and facilitate such techniques.

**3560. Database Systems (3). Pr., INFO 2070.** An initial study of database systems, including the requirements, analysis and implementation phases of database development. Focuses primarily on relational databases and xml. Extensive coverage of data modeling.

**3620. Advanced Programming Concepts (3). Pr., INFO 2300, INFO 3500, junior standing.** A continuation of INFO 2300 and INFO 3500. Addresses advanced file techniques, sub-programs, linking to modules written in other languages, overlay structures, object oriented libraries and network functionality.

**3700. Data Communications (3). Pr., INFO 2070.** An introduction to the principles of data communications, including common carrier usage, transmission coding and communication systems hardware. Basic interfaces and protocols are also introduced.

**3800. Mobile Application Development (3). Pr., INFO 3800 or programming language, or departmental approval.** Development of applications for mobile devices on multiple platforms.

**3810. Service Oriented Architectures (3). Pr., INFO 3800.** Developing and using Web services API's, XML and XSLT.

**3890. Introduction to Software Management (3). Pr., INFO 3560, junior standing.** A study of the principles of software management, software development methodology, paradigms and techniques. Practice of the principles of software management through application to an actual software management case.

**4000. Network Design and Administration (3). Pr., INFO 3700, senior standing.** Introduces the responsibilities and skills for a network administrator. Integration of a company's telecommunications systems, including local area, metropolitan area, wide area and voice networks. An introduction to telecommunications and data communications network designs.

**4100. Data Storage Technology Concepts (3). Pr., INFO 3700 or departmental approval.** An overview of technologies and methodologies used to electronically store and manage data using Storage Area Network, Network Attached Storage and other technologies. The course combines lecture and labs. Credit is not given for both this course and INFO 6140.



**4150. Advanced Data Storage Technology Concepts (3). Pr., INFO 4100.** 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 for both this course and INFO 6150

**4200. Disaster Recovery and Contingency Planning (3). Pr., INFO 2070, senior standing.** This course identifies fundamental planning principles and practices used to develop and maintain an effective IT contingency and disaster recovery plan. This course provides a foundation for evaluating information systems and organizational operations to determine contingency requirements and priorities needed to develop a disaster recovery plan.

**4300. E-Commerce and Data Communications (3). Pr., junior 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 for both this course and INFO 6300.

**4400. Network Security and Legal Issues (3). Pr., INFO 3700, senior standing.** Security and control aspects 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.

**4410. Advanced Network Security. Pr. INFO 3700 and INFO 4400 with a minimum grade of C.** In-depth look at information security concepts and apply them through a variety of hands-on exercises. Through the assigned readings and lab exercises, students will develop critical thinking and technical skills within the domain of information security. This course equips the student with a portfolio of skills that lay a foundation to become a competent, professional information systems practitioner and manager.

**4560. Database Administration (3). Pr., INFO 2070 and senior 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 both this course and INFO 6560.

**4600. Systems Analysis (3). Pr., INFO 2300 or INFO 3000 or INFO 3200 or INFO 3400 or departmentally approved language, junior standing.** Analysis and initial design of information flow systems for management control and decision-making, including coordination of flows from all functional area of the business enterprise.

**4650. Computer Simulation for Business Decisions (3). Pr., senior standing.** Introduction to numerical techniques necessary for conducting experiments on a digital computer, which involves certain types of mathematical or logical models that describe the behavior of a business or economic system.

**4700. Systems Design and Implementation (3). Pr., INFO 3560 and INFO 4600, senior standing.** Application of computer programming and system development concepts, principles and practices to system development design. Topics include I/O specifications, program coding, file organization, implementation and testing, documentation and performance measurement and control.

**4750. Software Quality Assurance I (3). Pr., INFO 3890, senior standing.** A study of basic concepts of configuration management and its role in controlling software evolution, maintaining product integrity, change control and version control and organizational structures for configuration management.

**4780. Systems Analysis, Design and Implementation (3). Pr., One departmentally approved programming course and INFO 3560.** Analysis, design and implementation of information flows for management control and decision-making. Use of systems development concepts, principles and practices. Students cannot receive credit for INFO 4780 and INFO 4600 or INFO 4700.

**4800. Information Systems Project Management (3). Pr., INFO 2070, senior standing.** A study of the management of information technology/systems projects. Covers project management concepts, configuration management, documentation, quality gates, testing and defect tracking.

**4850. Software Quality Assurance II (3). Pr., INFO 4750, senior standing.** A study of methods and techniques for elementary proof of correctness, code and design reading, structured walkthroughs and test plans including test plan generation, acceptance testing, unit testing, integration testing and regression testing.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty outside of the classroom setting. May be repeated up to 6 hours.

**4920. Professional Internship (3). Pr., departmental approval.** Provides students with practical experience using various computer applications within a professional, real-world environment.

**4924. Internship in Information Systems (1-3). Pr., departmental approval.** Provides students with the opportunity to gain valuable insight through practical information systems experience so they may better correlate their academic experience with a professional, real-world environment. Business or information systems elective credit.

**4970. Special Problems/Special Topics (3). Pr., junior standing.** Variable content in information systems within the classroom setting. May be repeated up to 6 hours.

## International Studies (INTL)

Associate Professor Long (Coordinator)

Auburn University Faculty, Shared Spanish Language Program

Professor Madrigal

Associate Professors Betanzos, Buck, Glaze, Gutierrez and Zuwiyya

Assistant Professors Cebollero, Greene, Munoz and Socarras

Instructor Powell

## Culture and Literature in Translation

**2050. Geography of World Regions (3).** A geographical appraisal of the human habitat and an introduction to patterns of economic and political activities in the present day world. A regional approach is employed in understanding modern nations, states, urban complexes and trade zones. (Same as GEOG 2050.)

**2060. Asian Cultures (3).** East Asian cultures (Japanese, Chinese, Korean) as reflected in the nations' histories, literature, arts and political and economic development. Emphasis on the social, artistic, spiritual, political and economic forces that shaped East Asian cultures and their contributions to world cultures.

**2110. Cultural Anthropology (3).** A study of the ways of life among preliterate and literate peoples. Special attention given to a comparative analysis of preliterate societies throughout the world. (Same as ANTH 2110.)

**2150. Human Geography (3). Analysis on the principles, concepts, and methods used in the study of human geography.** Spatially examines contemporary world issues involving the geographies of population, urbanization, culture, development, resources, and political divisions. (Same as GEOG 2150.)

**2600. Survey of Literature of the Western World I (3). Pr., English Composition II.** Survey of ancient, medieval and Renaissance literature.

**2610. Survey of Literature of the Western World II (3). Pr., English Composition II.** Survey of 17th, 18th, 19th and 20th-century Western literature.

**3000. Introduction to International Studies (3). Pr., English Composition II.** An interdisciplinary course that focuses on cultural differences that influence attitudes, assumptions and behavior, especially as they affect intercultural communications (same as COMM 3000).

**3010. Special Topics in International Studies (3).** Focus announced at each scheduling of the course. May be repeated for credit as topic changes. (May be taught in English or in target language.)

**3020. French Culture (3).** French culture from the Middle Ages to the present, as reflected in France's history, literature, arts and political and economic development. Emphasis on social, artistic, spiritual, political and economic forces that shaped French culture and its contribution to world cultures.

**3030. Hispanic Culture (3).** Hispanic culture from the Middle Ages to the present, as reflected in Spain's history, literature, arts and political and economic development. Emphasis on social, artistic, spiritual, political and economic forces that shaped Hispanic culture and its contribution to world cultures.

**3040. German Culture (3).** German culture from the Middle Ages to the present, as reflected in Germany's history, literature, arts and political and economic development. Emphasis on social, artistic, spiritual, political and economic forces that shaped German culture and its contribution to world cultures.

**3510. Road to the French Revolution from Tartuffe to Dangerous Liaisons (3). Pr., English Composition II.** French literature of the 17th and 18th centuries, tracing the decline of the French nobility to the eve of Bastille Day. In translation.

**3520. Survey of Latin American and Third World Literature (3). Pr., English Composition II.** Survey of Latin American and Third World literature in translation from the beginnings of colonialism to the present.

**3530. Survey of Oriental and Middle Eastern Literature (3). Pr., English Composition II.** Survey of Oriental and Middle Eastern literature in translation.

**3540. World Detective Fiction (3). Pr., English Composition II.** A study of detective fiction from various countries. In translation.

**4010. The New Europeans (3). Pr., World History Since 1648.** The development of the European Union. Emphasis on the cultural, political and economic forces of the various member nations that have combined to shape the European Union.

**4020. Cold War Culture: Literature, Drama and Film 1947-89 (3). Pr., World History Since 1648.** Focus on the effects of the Cold War on literature, drama and film in the United States and in Europe from 1947 to 1989.

**4030. Hispanic Fiction (3). Pr., junior standing.** A study of selected works of six to 10 major Spanish and Latin American writers such as Cervantes, Unamuno, Azorin, Cela, Garcia Marquez, Borges, Rulfo and Vargas Llosa. May be repeated once for credit as readings change.

**4040. European Fiction (3). Pr., junior standing.** A study of the selected works of six to 10 major European writers, such as Goethe, Stendhal, Balzac, Flaubert, Tolstoy, Dostoevsky, Proust, Mann and Camus. May be repeated once for credit as readings change.

**4070. Canada's Four Cultures (3). Pr., English Composition II.** Studies through film and text of the interplay among Canada's four main cultural groups: Aboriginal peoples (Native Canadians and Inuit), English-Canadians, French-Canadians and immigrant groups.

**4090. Translation (3). Pr., three years college credit in one language or equivalent.** A study of the problems, techniques and technology involved with bi-directional translation. Emphasis on applying methods and technology to translating short texts (literary, business and health documents). May be repeated once for credit.

**4400. Advanced Topics in International Studies (3). Pr., junior standing or consent of instructor.** Period or topic courses in International Studies, the exact emphasis announced at each course offering. May be repeated as emphasis changes.

**4900. Independent Study in International Studies (1-3). Pr., consent of instructor.** Individual study programs in foreign language, culture or literature as determined by the instructor and student. Can be taken as an approved study abroad program. (May be taught in English or in the language native to the student's field of study.)

## Chinese (CHIN)

**1010. Elementary Mandarin Chinese I (4).** Basic skills of reading, writing, speaking and listening in Mandarin Chinese. Along with CHIN 1020, this course will fulfill the School of Liberal Arts foreign language requirement. Multimedia computer lab required.

**1020. Elementary Mandarin Chinese II (4).** Basic skills of reading, writing, speaking and listening in Mandarin Chinese. Along with CHIN 1020, this course will fulfill the School of Liberal Arts foreign language requirement. Multimedia computer lab required.

**2010. Intermediate Chinese I (4). Pr., CHIN 1020.** Continuing development of speaking, reading, writing, listening and cultural proficiencies in Mandarin Chinese.

**2020. Intermediate Chinese II (4). Pr., CHIN 1020.** Continuing development of speaking, reading, writing, listening and cultural proficiencies in Mandarin Chinese.

English as a Foreign Language (EHFL)

**1000. Living in the U.S.A. (4).** Introduction to living, studying and working in the U.S.A. Restricted to international students. May not substitute for courses with ENGL prefix.

**1010. English as a Foreign Language 1 (3).** Beginning course in English for students with little or no proficiency. Class develops students' listening, speaking, reading and writing. Restricted to international students whose native language is not English. May not substitute for courses with ENGL prefix.

**1020. English as a Foreign Language 2 (3). Pr., EFL 1 or TOEFL exam score of 350-500.** A continuation of EHFL 1010. Class continues development of students' listening, speaking, reading and writing in English. Restricted to international students whose native language is not English. May not substitute for courses with ENGL prefix.

**2010. English as a Foreign Language 3 (3). Pr., EFL 2 or TOEFL exam score above 500.** A continuation of EHFL 1020. Class continues development of students' listening, speaking, reading and writing in English. Restricted to international students whose native language is not English. May not substitute for courses with ENGL prefix.

**2020. Advanced Oral Practice in English (3). Pr., EFL 3.** A continuation of EHFL 2010. Class continues development of students' listening, speaking, reading and writing in English. Restricted to international students whose native language is not English. May not substitute for courses with ENGL prefix.

## **French (FREN)**

**1010. Elementary French I (4).** Basic language skills with emphasis on conversation. For students with less than two years of high school French. Exposure to culture. Multimedia computer lab required.

**1020. Elementary French II (4). Pr., FREN 1010.** Basic language skills with emphasis on conversation. Exposure to culture. Multimedia computer lab required.

**2010. Intermediate French I (4). Pr., FREN 1020 or two or more years of high school French or departmental approval.** Language skills, grammar review, reading in French culture, literature and history. Multimedia computer lab required.

**2020. Intermediate French II (4). Pr., FREN 2010.** Systematic review of problems in French grammar for speakers of English. Prepares students for conversation, composition and civilization in the third-year sequence. Multimedia computer lab required.

**3010. French Phonetics and Diction (3). Pr., FREN 2020.** Basic principles of French phonetics through sound recognition discrimination and intensive practice.

**3030. French Conversation (3). Pr., FREN 2020 or departmental approval.** Practice in spoken, everyday French, based on texts and situations concerning contemporary life, especially in France.

**3040. French Composition (3). Pr., FREN 2020 or departmental approval.** Practice in writing themes based on composition and translation.

**3100. Introduction to French Literature (3). Pr., FREN 3030 and FREN 3040 or departmental approval.** Provides grounding in basic analytical approaches, language and organizational skills needed to discuss French literature effectively and coherently orally or in writing.

**3110. French Civilization (3). Pr., FREN 2020.** Consideration of topical aspects of the cultural heritage of France, as reflected in present day life patterns, traditions and institutions.

**3140. Survey of French Literature I (3). Pr., FREN 3100 or departmental approval.** The Middle Ages to the 1800s. Coherent and effective writing in French.

**3150. Survey of French Literature II (3). Pr., FREN 3100 or departmental approval.** Reading in French literature from the 19th-century to the present (prose, theatre and poetry), centered on a theme or topic.

**3310. Business French (3). Pr., FREN 3000-level course.** Intensive practice in preparing commercial correspondence and reading contracts, agreements and related documents in French. Emphasis on the acquisition of a business-oriented vocabulary.

**4020. Advanced Grammar and Stylistics (3). Pr., FREN 3040 and 9 hrs. of 3000-level French credit.** Practice in writing and analyzing French texts, with emphasis on advanced grammar topics and stylistics.

**4030. French Continuing Conversation (1). Pr., FREN 3030 and FREN 3040 or departmental approval.** Continuing practice in spoken French to maintain and upgrade proficiency. Major credit will not be given for French majors. Course may be repeated for a maximum of 3 credit hours.

**4040. French Continuing Composition (3). Pr., FREN 3030 and FREN 3040 or departmental approval.** Continuing practice in written French to maintain and upgrade proficiency.

**4410. Advanced Topics in French Literature, Culture or Language (3). Pr., FREN 3000-level courses or departmental approval.** Advanced aspects of French literature or culture along with social, political and intellectual issues and cultural aspects of texts. Course may be repeated for a maximum of 3 credit hours.

## French Study Abroad Courses

**1000. Elementary French Abroad (1-9). Pr., departmental approval.** Course work at the elementary level, taken on an approved study program abroad. The student should consult with the French undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.



**2000. Intermediate French Abroad (1-9). Pr., departmental approval.** Course work at the intermediate level, taken on an approved study program abroad. The student should consult with the French undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**3000. Junior Advanced French Abroad (1-9). Pr., departmental approval.** Course work at the junior/advanced level, taken on an approved study program abroad. The student should consult with the undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**4000. Senior Advanced French Abroad (1-9). Pr., departmental approval.** Course work at the senior/advanced level, taken on an approved study program abroad. The student should consult with the undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

## German (GERM)

**1010. Elementary German I (4).** Fundamentals of German language skills stressed. Exposure to Germanic civilization. For students with no previous background or less than two years of high school German. Multi-media computer lab required.

**1020. Elementary German II (4). Pr., GERM 1010.** Review of basic German grammar and vocabulary. Fundamentals of German language skills with progressive emphasis on conversation. Fulfills the School of Liberal Arts foreign language core requirement. Multimedia computer lab required.

**2010. Intermediate German I (4). Pr., GERM 1020 or two years of high school German or departmental approval.** Language skills stressed; structural review and composition; readings in German literature and German civilization. Multimedia computer lab required.

**2020. Intermediate German II (4). Pr., GERM 2010 or departmental approval.** Continued review of German grammar, syntax and vocabulary building. Additional work in composition; readings in German literature and civilization. Multimedia computer lab required.

**3010. Beginning German Composition and Conversation (3). Pr., GERM 2010 or departmental approval.** Concentration on developing skills in written and spoken German. Review of German grammar and syntax, vocabulary building. Work in German phonology.

**3020. Intermediate German Composition and Conversation (3). Pr., GERM 3010 or departmental approval.** Further development of skills in written and spoken German. Continued review of selected topics of grammar and syntax, vocabulary acquisition.



**3030. Advanced German Composition and Conversation (3). Pr., GERM 3020 or departmental approval.** Intensive practice and refinement of skills in written and spoken German. Strategies of vocabulary acquisition and retention.

**3040. German Culture (3).** German culture from the Middle Ages to present, as reflected in Germany's history, literature, arts and political and economic development. Emphasis on social, artistic, spiritual, political and economical forces that shaped German culture and its contribution to world cultures.

**3100. Introduction to German Literature I (3). Pr., GERM 2020 or departmental approval.** Basic literary genres and major figures in German literature from the 18th-century to the present literary methodologies and bibliographical tools. Required of all German majors.

**3110. German Culture and Civilization I (3). Pr., GERM 2020 or departmental approval.** Social, political and cultural history of Germany from the Germanic tribes to 1945.

**3120. German Culture and Civilization II (3). Pr., GERM 2020 or departmental approval.** Social, political and cultural history of Germany from 1945 to the present.

**4110. Masterpieces of German Literature I (3). Pr., GERM 3020 or departmental approval.** Selected readings by representative authors from the periods of German Classicism, Romanticism, Naturalism and Realism.

**4120. Masterpieces of German Literature II (3). Pr., GERM 3010 or departmental approval.** Selected readings by representative authors from the periods of the 20th-century, Weimar Republic and Postwar Germany.

**4150. German Drama (3). Pr., GERM 3000-level German courses or departmental approval.** Consideration, analysis and criticism of selected German theater works by representative authors.

**4160. Contemporary German Literature (3). Pr., GERM 3000-level German courses or departmental approval.** Consideration, analysis and criticism of recent selected German literary works.

**4310. German for Business and Economics I (3). Pr., GERM 2020 or departmental approval.** Emphasis on speaking, listening, reading and writing skills in professional, commercial German. Familiarization with German and European business practices.

**4320. German for Business and Economics II (3). Pr., GERM 4310 or departmental approval.** Refinement of language proficiency skills. Active preparation for Prüfung Wirtschaftsdeutsch International, an examination recognized worldwide by business and industry.

### German Study Abroad Courses

**1000. Elementary German Abroad (1-9). Pr., departmental approval.** Course work at the elementary level, taken on an approved study program abroad. The student should consult with the German undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**2000. Intermediate German Abroad (1-9). Pr., departmental approval.** Course work at the intermediate level, taken on an approved study program abroad. The student should consult with the German undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**3000. Junior Advanced German Abroad (1-9). Pr., departmental approval.** Course work at the advanced level, taken on an approved study program abroad. The student should consult with the German undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**4000. Senior Advanced German Abroad (1-9). Pr., departmental approval.** Course work at the senior/advanced level, taken on an approved study program abroad. The student should consult with the German undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

## Greek (GREK)

**1010. Elementary Modern Greek I (4).** Fundamentals of Modern Greek language skills and an exposure to the history and culture of Modern Greece. For students with no previous background or less than two years of high school Greek. Multimedia computer lab required.

**1110. Hellenistic Greek (3).** Fundamentals of Hellenistic Greek language skills used by the writers of the New Testament, the Septuagint and a host of other texts from the Hellenistic period. For students with no previous background or less than two years of high school Greek.

**1010. Elementary Modern Greek II (4). Pr., GREK 1010.** Continued study of the fundamentals of Modern Greek language skills and an exposure to the history and culture of Modern Greece. Multimedia computer lab required.

## Latin (LATN)

**1010. Elementary Latin I (4).** For students with little or no knowledge of Latin. Knowledge and skills necessary for reading classical Latin.

**1020. Elementary Latin II (4). Pr., LANG 1010 or departmental approval.** Introduction to the knowledge and skills necessary for reading classical Latin. Fulfills School of Liberal Arts core foreign language requirement.

**2010. Intermediate Latin I (4). Pr., LANG 1020 or two years of high school Latin or departmental approval.** Review of classical Latin grammar with reading of selections from Latin literature.

**2020. Intermediate Latin II (4). Pr., LANG 2010 or departmental approval.** Further review of classical Latin grammar with reading of selections from Latin literature.

**3110. Latin Literature (3). Pr., LANG 2010 or departmental approval.** Advanced reading in Latin prose and poetry. Course may be repeated with change in topic.

Spanish (SPAN)

**1010. Elementary Spanish I (4).** Basic language skills with emphasis on conversation and exposure to Hispanic civilization. For students with less than two years of high school Spanish. Multimedia computer lab required.

**1020. Elementary Spanish II (4). Pr., SPAN 1010 or departmental approval.** Fundamentals of Spanish language skills with emphasis on conversation and exposure to Hispanic civilization. Fulfills School of Liberal Arts foreign language core requirement. Multimedia computer lab required.

**2010. Intermediate Spanish I (4). Pr., SPAN 1020 or departmental approval.** Review of grammatical structures, development of reading and writing skills and increased understanding of Hispanic cultures. Multimedia computer lab required.

**2020. Intermediate Spanish II (4). Pr., SPAN 2010 or departmental approval.** Review of grammatical structures, development of reading and writing skills and increased understanding of Hispanic cultures. Multimedia computer lab required.

**3010. Spanish Phonetics (3). Pr., SPAN 2020 or departmental approval.** Training in practical phonetics with an emphasis on pronunciation correctives.

**3020. Spanish Syntax (3). Pr., SPAN 2020 or departmental approval.** Examines the sentence structure and the interrelationship among the various parts of speech.

**3030. Spanish Conversation (3). Pr., SPAN 2020 or departmental approval.** Intensive practice and review of vocabulary and structure.

**3040. Spanish Composition (3). Pr., SPAN 2020 or departmental approval.** Practice in writing themes based on composition and translation.

**3100. Introduction to Hispanic Literature (3). Pr., SPAN 2020.** Study of literary genres, rhetorical figures and other critical concepts. Literary analysis of Spanish and Spanish American texts.

**3110. Spanish Civilization I (3). Pr., SPAN 3040.** Culture of Spain up to 1700. Emphasis on geographic, historical, social, artistic, spiritual and political forces in Spanish civilization.

**3120. Spanish Civilization II (3). Pr., SPAN 3040.** Culture of Spain from 1700 to the present. Emphasis on geographic, historical, social, artistic, spiritual and political forces in Spanish civilization.

**3210. Spanish American Civilization I (3). Pr., SPAN 3040.** Spanish America culture from Pre-Columbian times through the independence movement.

**3220. Spanish American Civilization II (3). Pr., SPAN 3040.** Spanish America culture from independence to the present, as reflected in the fine arts and literature.

**3310. Commercial Spanish Translation (3). Pr., SPAN 3040.** Introduction to the techniques of English/Spanish and Spanish/English translation in a commercial environment, including correspondence, technical documents, advertising and oral translation.

**4020. Continuing Spanish Syntax (1-3). Pr., departmental approval.** Continuing practices in syntax. Course may be repeated for a maximum of 3 credit hours.

**4030. Continuing Spanish Conversation (1-3). Pr., departmental approval.** Continuing practices in conversation. Course may be repeated for a maximum of 3 credit hours.

**4040. Continuing Spanish Composition (1-3). Pr., departmental approval.** Continuing practices in composition. Course may be repeated for a maximum of 3 credit hours.

**4110. Masterpieces of Spanish Literature (3). Pr., SPAN 3040.** Major works of Spanish literature from medieval times to the present.

**4120. Topics in Spanish Literature (3). Pr., SPAN 3040.** Readings in Spanish literature. Course may be repeated with change in topic.

**4210. Masterpieces of Spanish American Literature (3). Pr., SPAN 3040.** Major works of Spanish American literature from colonial times to the present.

**4220. Topics in Spanish American Literature (3). Pr., SPAN 3040.** Readings in Spanish American literature.

**4310. Business Spanish I (3). Pr., SPAN 3040.** Business vocabulary, terminology, practices and cultural influences in the Hispanic world.

**4320. Business Spanish II (3). Pr., SPAN 4310.** Business vocabulary, terminology, practices and cultural influences in the Hispanic world.

**4330. Topics in Business Spanish (3). Pr., SPAN 3040.** Study of aspects in Spanish business terminology/documentation. Course may be repeated with change in topic.

**4420. Topics in Hispanic Literature and Culture (3). Pr., SPAN 3040.**

Analysis of the cultural milieu, which influences artistic creativity in historical periods.

**4910. Practicum in Spanish (1-3). Pr., departmental approval.** Practical work experience related to the field. Course may be repeated for a maximum of 3 credit hours.

## Spanish Study Abroad Courses

**1000. Elementary Spanish Abroad (1-9). Pr., departmental approval.** Approved study program abroad. Students should consult with the Spanish undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**2000. Intermediate Spanish Abroad (1-9). Pr., departmental approval.** Approved study program abroad. The student should consult with the Spanish undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**3000. Junior Spanish Abroad (1-9). Pr., departmental approval.** Approved study program abroad. The student should consult with the Spanish undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

**4000. Senior Advanced Spanish Abroad (1-9). Pr., departmental approval.** Approved study program abroad. The student should consult with the Spanish undergraduate advisor for an estimation of credit prior to going abroad. Course may be repeated for a maximum of 9 credit hours.

## Less Commonly Taught Languages (TLFL)

**1010. Special Topics in Foreign Language Study 1 (4). Pr., English Composition I recommended.** Training in listening, speaking, reading, writing and culture in a foreign language announced at course scheduling. May be repeated for credit as target language changes.

**1020. Special Topics in Foreign Language Study 2 (4). Pr., TLFL 1010.** Training in listening, speaking, reading, writing and culture in a foreign language announced at course scheduling. May be repeated for credit as target language changes.

## Justice and Public Safety (JUST)

Associate Professor Ioimo (Head)

Assistant Professors Chon, Kaur, Pelfrey and Younger

Instructor Zanglin

**1150. Introduction to Justice and Public Safety (3).** An overview of the criminal justice system, including crime, law enforcement, courts, corrections and juvenile justice.

**1160. Introduction to Security (3).** Survey of security administration in business, industry and government; consideration of problems and issues affecting the relationship between publicly funded law enforcement and the private sector.

**1250. Law Enforcement Theory and Practice (3).** Focuses on the theory of law enforcement at the local, state and federal levels of government. Police ethics and past, current and future changes in law enforcement policies and practices discussed.

**1270. Introduction to Law (3).** Overview of major principles and functions of our legal system, including an introduction to the paralegal field, legal vocabulary and legal aspects of current topics to assist students in acquiring an appreciation of the dynamic role of law in our changing society.

**2400. Physical Security (3).** Physical protection of industrial, business, governmental and educational facilities; physical security requirements and standards; and security surveys.

**3010. CBRN (Chemical, Biological, Radiation, Nuclear) Defense (3).** Provides first responders critical knowledge and skills to provide quick, concise, on-scene access to information about the most likely chemical, biological, and nuclear weapons. This course will familiarize students with important elements of response and protective measures.

**3040. Organization and Administration (3).** Introduction to organizational structures, human resource management, organizational performance and consideration of organizational changes.

**3050. Community and Problem Oriented Policing. (3). Pr., JUST 1150.** The course examines the theoretical concepts of Community Oriented Policing and Problem Oriented Policing. It defines practical applications as well as both the positive and negative aspects of these modes of policing. It looks at the various implementations of these programs throughout the US.

**3120. Investigative Methods (3).** Examination of theories and practices of the investigative process in the criminal justice system, specific operational techniques and applications of innovative techniques.

**3130. Supervision and Management (3).** Examines the role of supervision in relation to leadership, motivation, evaluation and discipline in law enforcement agencies.

**3190. Personnel Security (3).** Comprehensive study of security problems related to personnel; scope of personnel background investigations and utilization of investigative reports; requirements of personnel used in personal protection of selected individuals; procedures, problems and concepts of personnel protection.

**3510. Corrections: Theory & Practice (3).** Examines the historical development of corrections and current corrections philosophy, policy, theory and practice. Traditional and innovative corrections programs addressed, with primary focus on institutional issues and trends.

**3620. Criminal Law (3).** Jurisprudential philosophy and case study of common law and statutory crimes. Includes functions and development of substantive criminal law, elements of specific offenses and defenses.

**3630. Evidence/Criminalistics (3).** Issues and problems of proof in civil and criminal trials, rules of evidence, examining witnesses, constitutional considerations, etc.

**3720. Wills/Trusts/Estate Planning (3).** To familiarize the student with the process of estate planning and probate, with emphasis on the practical aspects of will drafting, creation of trusts and probate administration.

**3730. Real Estate Law (3).** A study of the aspects of real estate law concerning present and future estates in realty, concurrent ownership, landlord-tenant relationships, conveyances and titles.

**3740. Law Office Management (3).** Examination of various aspects of managing a law office, including management theories, organization of different types of law offices, office systems and procedures, computerized systems and personnel management.

**4000. Quantitative Methods (3).** This course provides the basic principles and quantitative methods to address real world problems in criminal justice. Emphasis is on concepts and techniques of descriptive and inferential statistics with applications in Justice and Public Safety. Basic quantitative methods, including probability, descriptive statistics, inferences for means and proportions, regression and other quantitative methods are presented. The analytic methods and applications will be linked to topics developed in various criminal justice and legal studies courses. The course fulfills a requirement of Justice and Public Safety majors.

**4100. Women in Criminal Justice (3).** Examines the nature and extent of female offenders, victims and professionals in the criminal justice system. The course will provide students with an understanding of the processing of women offenders and victims through the criminal justice system. Students will also become familiar with the theoretical concepts focusing on female criminality, victimization and women professionals in the criminal justice system.

**4200. Comparative Criminal Justice (3).** Examines representative criminal justice systems from a variety of nations with emphasis on the role of history, culture, social and political values and economic institutions in shaping institutions of justice including law, police, courts, corrections, and juvenile justice systems and practice. Attention is paid to conflict and cooperation between criminal justice systems and ideologies that occur when peoples of different cultures and systems are in close proximity.



- 4220. Ethics in Criminal Justice (3).** Ethical dilemmas and decisions in the criminal justice system, with a focus on law enforcement problems.
- 4370. Security Administration (3).** Administrative and managerial aspects of the security field in the private sector, administrative and regulatory agency requirements, financial management and planning and organization and vulnerability assessment.
- 4400. Crime Analysis (3). Pr., JUST 1150.** This course focuses on the application of tactical, strategic and administrative crime analysis tools, techniques and methods; identify crime patterns, series and trends; develop weekly and daily crime bulletins; prepare target sheets and known offender profiles and crime mapping applications.
- 4403. JPS Information Systems (3). Pr., JUST 1150.** Examines the major information technology systems used in the criminal justice arena. Practical experience is offered on systems used in actual agencies. Technologies of the future will be explored.
- 4410. Law Enforcement Administration (3).** Review of administrative structure, management practices and operational aspects of enforcement agencies in the criminal justice system. Analysis and evaluation of innovative programs and the impact of science and technology.
- 4415. Crime Analysis (3). Pr., JUST 1150.** This course focuses on the application of tactical, strategic and administrative crime analysis tools, techniques and methods; identifying crime patterns, series and trends, develop weekly and daily crime bulletins, prepare target sheets and known offender profiles and crime mapping applications.
- 4420. Correctional Administration (3).** Application of basic principles of organization and management to corrections. Discusses evolution of correctional management. Also addresses correctional policy, procedure, budgeting and program development and evaluation.
- 4510. Planning and Budgeting (3).** Introduction to planning concepts, methods, implementation, budgeting and evaluation. Discusses the relationship of planning to effective management and decision making. Develops a broad conceptual framework for various planning methods and techniques.
- 4530. Community Corrections (3).** Community-based corrections philosophy, policy and programs discussed, with focus on probation, parole, diversion and intermediate sanctions. Relationship of community and institutional corrections discussed.
- 4540. Juvenile Justice Law (3).** Historical and case-oriented approach to the legal basis of individualized justice for children, including early common law approaches, the child-saving movement, the juvenile court era and the modern challenge to the court by the constitutionalists.



**4560. Gangs (3).** Explores gang phenomena in United States; concentrates on recent research about gang formation & gang related violence including the various criminological theories that explain the social, economic, political, and environmental reasons for the rise of gangs in various urban centers.

**4580. Loss Prevention (3).** Examination of losses suffered by retailers as a result of manmade and natural security hazards. Includes risk assessment, policies and emergency planning.

**4590. Bankruptcy (3).** Provides an understanding of bankruptcy law, including creditor collection, history of bankruptcy and non-bankruptcy alternatives.

**4600. Business Organizations for Paralegals (3). Pr., JUST 1270.** Detailed study of legal issues in business. Topics include contracts, UCC, e-commerce, negotiable instruments, securities, secured transactions and business entities.

**4602. Legal Research (3). Pr., a minimum of three law-related courses or permission of instructor.** Detailed study of legal bibliography, law library research and case and text analysis, resulting in the supervised production of legal research assignments.

**4610. Juvenile Justice Administration (3).** Application of basic principles of organization and management in the juvenile justice system. Examines the social and legal context within which delinquency and juvenile justice practice occur. Discusses policy, procedure, budgeting, program development and evaluation.

**4622. Legal Writing (3). Pr., JUST 4602 or permission of instructor.** Detailed study of writing skills and preparation of legal documents, including legal briefs and memoranda of law. Integrates legal research and analysis skills to produce legal documents and effective legal communication.

**4630. Victimology (3).** Characteristics of victim/offender interactions, the effects of criminal acts upon victims and their families and post-traumatic stress disorder and its implications for victims and the criminal justice system are addressed.

**4640. Criminal Procedure (3).** A study of the legal steps involved in the enforcement of criminal law and the fundamental principles necessary to a fair trial. Procedurally oriented discussion of arrest, search and seizure, right to counsel and due process of law.

**4650. Civil Litigation (3).** A study of the legal steps involved in the preparation of a civil case at law, efforts towards non-judicial settlement, trial and post-trial considerations and general civil law matters.

**4660. Court and Judicial Administration (3).** Historical and contemporary perspectives of the field of court management at the state and local levels. Administrative and management issues concerning trial courts, the state court system and the

**4670. Family Law (3).** Examination of the law impacting family relationships such as marriage, annulment, divorce, adoption, child support and custody, child abuse, illegitimacy, termination of parental rights, separation agreements, support agreements and the rights of the parties involved.

**4680. Torts/Civil Actions (3).** The law of private wrongs: negligence theory, duty, breach of duty, proximate cause, damages and defenses. Examination of legal and medical malpractice. Discussion of intentional torts.

**4700. Research Methods (3). Pr., ENGL 1010 and ENGL 1020.** Research methods as applicable to justice and public safety, evaluation of research designs, conceptual models and sampling techniques and procedures. Analysis of research results. Development of an individual research design.

**4710. Alternative Dispute Resolution (3).** Examination of the various aspects of alternative dispute resolution, including arbitration, negotiation and mediation. Looks at differences and requirements in these areas and explores skills needed to work in this growing field of law.

**4720. Constitutional Law I (3). Pr., POLS 2020.** Surveys the development of American constitutional law that shapes the contemporary powers of governments in the United States.

**4740. Constitutional Law II (3). Pr., POLS 2020.** Development of constitutional protections of individual rights and liberties in the United States.

**4750. Survey of Crime Theories (3).** Provides an examination of the major criminological schools of thought as well as the prominent theorists within each school; theories are presented that examine criminal motivation and the application of criminal law; additionally, the implicit theoretical assumptions regarding the punishment of offenders are examined.

**4780. Administrative Law (3).** Substantive and procedural matters of the administrative justice system, including code and standards, benefit claims, regulated groups, court decisions and civil rights.

**4800. Paralegal Studies/Legal Ethics (3).** Survey of the occupational field of the paralegal (legal assistant), including ethics, law office management, legal research, law libraries, overview of administrative law, criminal and civil law, employment discrimination and career opportunities.

**4810. Cold Case Investigations (3). Pr., JUST 1150.** The course is an overview of the best practices for working cold cases. Topics will include techniques for solving cold cases, interviewing, court orders, DNA, information sources, prosecution, and case studies, involving homicide and sexual assaults.

**4813. Computer Applications in Law (3). Pr., JUST 4602 or permission of instructor.** Introduction to software commonly used in law offices, including spreadsheets, databases and case management software and review of word processing applications. Includes instruction in use of Internet and computer-assisted legal research. Enrollment limited to 30.

**4924. Internship (1-6). Pr., junior or senior standing and permission of advisor.** Supervised study in an administrative setting to integrate theory and practice in criminal justice agencies. Credit may not exceed 3 hours for any single internship.

**4930. Directed Research (1-6). Pr., permission of advisor.** Independent research into criminal justice problems, issues and theories. Credit may not exceed 3 hours for any single project.

**4970. Special Topics in Justice and Public Safety (0-3). Pr., JUST 1150 or JUST 1270.** In-depth examination of specific topics of current interest in criminal justice, public safety and paralegal education. Course may be repeated as topics change.

## Management (MNGT)

Professors Arnold, Duarte, Goodson and Ritvo

Associate Professors Banning (Head), Hall, Johnson, M. Kiker and S. Kiker

**2410. Legal Environment of Business (3). Pr., BUSN 1000, dean permission.** Structure and operation of the legal system and its relationship to the modern business environment.

**2800. Essentials of Management (3).** Non-business majors only. Application of management principles in organizations. Includes evolution of management theory, planning and goal setting, leadership organization theory, authority and group relations, motivation theory, communication, directing, decision making and managerial controls.

**3100. Management of Organizations (3). Pr., MNGT 2410, ECON 2020, INFO 2070, upper division standing.** Overview of the major theoretical and applied areas of managing the internal and external environments of business. The theoretical components provide the knowledge base needed to learn various applied managerial tools.

**3420. Legal Aspects of Business Management (3). Pr., upper division standing.** Legal principles for business persons and accountants, covering secured transactions, real property and negotiable instruments. Special emphasis is placed on the laws applicable to agencies (including the employer-employee relationship), partnerships and corporations.

**3460. Organizational Behavior (3). Pr., ENGL 3060 or concurrently with ENGL 3060, upper division standing.** Basic grounding in the behavior sciences related to the management of people in organizations, the theories of managing employees and managerial practices that enhance the effective leadership and motivation of employees.

**4010. Entrepreneurship (3). Pr., MKTG 3310, MNGT 3100, FINA 3610.** Covers the entrepreneurial process from conception to birth of a new venture. Students learn how to evaluate and convert opportunities into a business. Students work in teams to write a business plan for a new business venture.

**4100. Business Ethics (3). Pr., MNGT 3100.** Research, discussion and evaluation of current ethical issues in business today. Designed to stimulate thought and discussion among business majors concerning the day-to-day ethical problems and decisions of the business world.

**4250. Managing Diversity (3). Pr., MNGT 3100, upper division standing.** An in-depth examination of the impact that employee diversity has on individuals, businesses and society. The course encourages students to look positively at all types of differences and view them as opportunities.

**4390. Small Business (3). Pr., ECON 2010, ECON 2020, FINA 3610, MNGT 3100, MKTG 3310.** Focuses on selected elements and issues which are critical to the success of starting and managing a small business, including getting started in a business, franchising opportunities, business plans, financial sources, etc.

**4500. Leadership for a Changing World (3). Pr., MNGT 3100, upper division standing.** Covers the most current management practices needed for organizational survival and excellence. Topics include reengineering, managing cultural change, managing innovation in a learning organization, teamwork and autonomous work groups.

**4670. Organizational Change and Development (3). Pr., MNGT 3460.** Concentrates on providing students with understanding, knowledge, skills and techniques to help individuals facilitate change in organizations. Strategies and tactics used in organizational and social developments in the past will be critically examined for their relevance to the future.

**4750. International Business Management (3). Pr., ECON 3050, upper division standing.** Shows how economic and financial factors influence the strategy formulation and management of a firm wishing to engage in international trade. Topics include managing culture's consequences, global human resource management, managing multinational enterprise and global strategic management.

**4760. International Law (3). Pr., upper division standing.** A survey of domestic and foreign laws and treaties as they affect international business transactions.

**4800. Strategic Management (3). Pr., All other upper division courses (ECON 3050, MKTG 3310, FINA 3610, MNGT 3100, MNGT 3460), senior standing.** Capstone course in the School of Business integrating the knowledge gained in the core business curriculum. Students develop the ability to think about how an organization can gain sustainable competitive advantage by crafting a business strategy.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4924. Internship in Management (1-3). Pr., departmental approval.** . Provides students with the opportunity to gain valuable insight through practical management experience so they may better correlate their academic experience with a professional, real-world environment. Business or management elective credit.

**4970. Special Problems/Special Topics (3). Pr., junior standing.** Variable content in management within the classroom setting. May be repeated up to 6 hours.

## Mathematics

Professor Underwood

Associate Professors Aga, Brown, Cueva-Parra, Huang, Lee (Head), Peele,  
Ragland, Schmidt (Director of Freshman Mathematics), Smith and Wang  
Assistant Professor Goddard  
Instructor Vick

## Computer Science (CSCI)

**1000. Survey of Computer Applications (3). Pr., MATH 0800 or MATH 1100 or MATH 1120 or MATH 1150.** Applications such as text editing, spreadsheets and database systems. Includes an introduction to microcomputers and their hardware, communications, operating systems and programming. Includes hands-on laboratory sessions. No prior knowledge of computers is assumed.

**1200. Scientific Programming (3). Pr., MATH 1510 or MATH 1610.** FORTRAN programming with applications in the sciences and engineering; structured programming, including top-down design, control structures, subroutines, good programming style and documentation; an introduction to calculus-based algorithms and the use of scientific sub-routine libraries.

**2000. Structured Programming I (3). Pr., MATH 1510 or MATH 1610.** Timeshared computer systems; programming methodology and problem-solving techniques; numeric and string processing; static and dynamic data structures; procedures, functions and recursion; files. Conducted in the computer language C++.

**3000. Structured Programming II (3). Pr., CSCI 2000, MATH 1620 (Coreq).**

Advanced programming techniques, including software development methodology, abstract data types and implementation and application of classic data structures such as stacks, queues and binary trees; programming assignments in Ada.

**3100. Unix and C (3). Pr., CSCI 2000.** An advanced survey of the C programming language and Unix-like operating systems. Emphasis on the implementation of algorithms in C and to use of the major Unix utilities.

**3600. Fundamental Algorithm Design and Analysis (3). Pr., CSCI 3000.** Algorithms for standard computational problems; design and implementation of efficient algorithms; mathematical analysis of algorithm efficiency.

**4100. Software Components (3). Pr., CSCI 3000, MATH 2000.** 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.

**4200. Theory of Formal Languages (3). Pr., CSCI 3000, MATH 2000, MATH 4200.** Mathematical models of regular sets, context-free languages and turing machines; deterministic and non-deterministic models, closure properties, normal forms and applications.

**4970. Special Topics in Computer Science (1-3). Pr., permission of instructor.** The student works under the direction of a staff member on some topic of mutual interest. With the approval of the mathematics department head, may be taken pass/fail.

## Engineering (ENGR)

Associate Professor Wang

**1110. Introduction to Engineering (2). Pr., Grade C or better in ENGL, Co-requisites: MATH 1610 and ENGL 1020.** Professional engineering history, modern branches, standards and licensing. Introduction to engineering design and computer software packages. Communication (written, oral and graphical) in engineering. Collaboration and teamwork in engineering projects.

## Mathematics (MATH)

**0700. Elementary Algebra (3). Pr., an appropriate score on the AUM Mathematics Placement Test.** Fundamental operations in arithmetic and algebra. Numbers and their properties; integers and rational numbers; solving equations; polynomials and factoring; an introduction to systems of equations and graphs. Graded CR/NC. Credit is in addition to minimum degree requirements.

**0800. Intermediate Algebra (3). Pr., an appropriate score on the AUM Mathematics Placement Test or MATH 0700 credit.** Designed to help students develop basic skills in algebra. Topics include sets, real numbers, polynomials, algebraic fractions, exponents, roots, radicals, linear equations and inequalities, quadratic equations, functions and graphing. Credit is in addition to minimum degree requirements.

**1100. Finite Mathematics (3).** Pr., MATH 0800 or an appropriate score on the AUM Mathematics Placement Test. Primarily for students not continuing to calculus. Sets, counting, permutations, combinations, basic probability, Bayes' theorem, descriptive statistics, binomial and normal distributions, matrices, applications of matrices to Markov chains and decision theory. Additional topics as time allows.

**1120. Precalculus Algebra (3).** Pr., Grade of B or better in MATH 0800 or an appropriate score on the AUM Mathematics Placement Test. Primarily for students who intend to continue to calculus. Polynomial, rational, exponential and logarithmic functions; systems of equations and inequalities; quadratic inequalities; the Binomial Theorem. Additional topics may include matrices, Cramer's Rule and mathematical induction.

**1150. Precalculus, Algebra and Trigonometry (4).** Pr., Grade of B or better in MATH 0800 or an appropriate score on the AUM Mathematics Placement Test. Provides a foundation for calculus. Principle topics are polynomial, rational, exponential and logarithmic functions; systems of equations and inequalities; Binominal Theorem; trigonometric and inverse trigonometric functions; solving triangles; trigonometric identities and equations; DeMoivre's theorem, polar coordinates and vectors.

**1310. Mathematics for Elementary Education I (3).** Pr., MATH 1100. The first in a two-course sequence covering mathematical concepts taught in elementary schools. Emphasizes numeration. Topics include problem solving; numeration with whole numbers; concepts, computations, properties and models of arithmetic operations on whole numbers, integers and fractions; factorization.

**1320. Mathematics for Elementary Education II (3).** Pr., MATH 1310. A continuation of MATH 1310; emphasizes geometry. Topics include decimals, percentage, scientific notation; geometric figures in two and three dimensions; rigid motions and congruence; measurement of lengths, areas, volumes, angles; metric system; construction with ruler and compass; and similar figures.

**1510. Survey of Calculus (3).** Pr., MATH 1120 or MATH 1150 or appropriate score on AUM Mathematics Placement Test. Basic principles of differential and integral calculus, including the Fundamental Theorem of Calculus. Includes applications in the management, natural and social sciences, including rates and optimization. Duplicate credit not allowed for MATH 1510 and MATH 1610.

**1550. Trigonometry (2).** Pr., an appropriate score on the AUM Mathematics Placement Test or MATH 0800. This course and MATH 1120 complete the prerequisites for Calculus I. Analytic and geometric properties of trigonometric and inverse trigonometric functions; graphs; identities and equations; sum and difference formulas; laws of sines and cosines; applications, including vectors and solving triangles. Does not satisfy the core requirement in mathematics.



**1610. Calculus I (4). Pr., MATH 1120 and MATH 1550 or an appropriate score on the AUM Mathematics Placement Test or MATH 1150.** Basic differential calculus and an introduction to the integral calculus of rational, trigonometric, logarithmic and exponential functions. Limits, the derivative, computation of derivatives, applications of derivatives, anti-derivatives, areas, definite integral and Fundamental Theorem of Calculus.

**1620. Calculus II (4). Pr., MATH 1610.** A continuation of MATH 1610 Calculus I. Applications of the definite integral, techniques of integration, indeterminate forms, improper integrals, polar coordinates, numerical integration, infinite series, Taylor's Theorem and power series.

**2000. Introduction to Higher Math (3). Pr. Math 1610.** Topics will include sets, functions, logic, techniques of proof, mathematical induction, the Euclidean Algorithm, module arithmetic, equivalence relations, and other topics chosen by the instructor. A primary objective of the course will be to teach students how to read and write proof.

**2200. Biostatistics (3). Pr., MATH 1100 or MATH 1120 or MATH 1150.** Introduces students to statistical techniques commonly used in research and includes estimation and hypothesis testing, ANOVA, linear and non-linear regression and non-parametric statistics. Extensive use of computer exercises allows students to fulfill their requirement for computer literacy. This is a crosslisted course with BIOL 2200 and may be team-taught. A maximum of 3 hours' credit for QMTH 2740, BIOL/MATH 2200, MATH 2670 and MATH 2680 may be applied towards graduation requirements.

**2630. Multivariable Calculus (4). Pr., MATH 1620.** A continuation of MATH 1620 Calculus II. Vectors and curvilinear motion; partial derivatives; gradient and its applications; multivariable Chain Rule; maxima and minima, including Lagrange multipliers; double and triple integration; line integrals; Green's Theorem; surface integrals; Divergence Theorem; Stokes' Theorem.

**2660. Linear Algebra (3). Pr., MATH 1620.** Algebra of Matrices, systems of linear equations, vector spaces, subspaces, bases, coordinatization, linear transformations and their matrix representations, determinants, eigenvalues and diagonalization.

**2670. Elementary Statistics (3). Pr., MATH 1100 or MATH 1120 or MATH 1150.** Basic concepts and principles in statistics. Topics include probability, frequency distributions and sampling, hypothesis testing, correlation and regression. A maximum of 3 hours' credit for QMTH 2740, MATH 2670 and MATH 2680 may be applied towards graduation requirements.

**2680. Inferential Statistics (3). Pr., MATH 1100.** Fundamentals of applied statistics: hypothesis testing, confidence intervals, correlation, regression, goodness of fit, analysis of variance and nonparametric statistics. A maximum of 3 hours' of credit for QMTH 2740, MATH 2670 and MATH 2680 may be applied to graduation



requirements.

**2690. Ordinary Differential Equations (3). Pr., MATH 1620.** First-order differential equations, higher-order, linear differential equations, including infinite series solutions, Laplace transforms, systems of linear differential equations and applications.

**3670. Advanced Statistics (3). Pr., MATH 2670.** Correlation and regression, analysis of variance, nonparametric methods, multivariate analysis. Emphasis on applications. Includes introduction to statistical computing using SAS. Duplicate credit not allowed for MATH 3670 and QMTH 2750.

**4110. 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.

**4200. Discrete Mathematics (3). Coreq., MATH 2660 or permission of instructor.** Combinatorial reasoning and problem solving, including graph theory, counting principles, permutations and combinations and combinatorial modeling.

**4210. Analysis I (3). Pr., MATH 2000, 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.

**4220. Analysis II (3). Pr., MATH 4210.** A continuation of MATH 4210. Limits, derivatives, theory of the Riemann integral, sequences of functions, uniform convergence and power series. Emphasis on the development of proofs by students.

**4230. Complex Variables (3). Pr., MATH 2630.** Complex numbers, limits, differentiation, analytic functions, integration, conformal mappings and applications.

**4300. Number Theory (3). Pr., MATH 2000, MATH 2660.** Mathematics of the integers, divisibility, primes, unique factorization, congruences and residues, Diophantine problems and number theoretic functions.

**4310. Modern Algebra I (3). Pr., MATH 2000, 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, fields.

**4320. Modern Algebra II (3). Pr., MATH 4310.** A continuation of MATH 4310. Ideals and quotient rings, ring homomorphisms, rings of polynomials, factorization, Euclidean rings, extension fields, selected additional topics.

**4400. Mathematical Models and Simulations (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.

**4470. Foundations of Plane Geometry (3).** Pr., MATH 1620, MATH 2000. Axiomatic development of plane geometry. Emphasis on the development of proofs by students.

**4500. Topology (3).** Pr., MATH 2000, MATH 2630, **permission of instructor.** Metric spaces, continuity, sequences, equivalent metrics, topological spaces and homeomorphisms, products, connectedness and compactness. Offered when there is sufficient demand.

**4600. Numerical Analysis I (3).** Pr., MATH 2660, **significant fluency in a programming language, familiarity with FORTRAN.** Number systems and error propagation, solutions of nonlinear equations, acceleration of convergence, polynomial and spline interpolation, numerical integration and differentiation, efficient direct solution of systems of linear equations, PLU factorization of matrices and matrix norms and condition numbers.

**4610. Numerical Analysis II (3).** Pr., MATH 4600. 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 solution of systems of ordinary differential equations and least square approximation. Offered when there is sufficient demand.

**4670. Mathematical Statistics I (3).** Pr., MATH 2630. Basic probability theory, combinatorics, random variables, special distributions and applications to scientific and engineering data.

**4680. Mathematical Statistics II (3).** Pr., MATH 4670. A continuation of MATH 4670 Mathematical Statistics I. Moment-generating functions and the use of moments, Central Limit Theorem, derivation of probability density functions of sample statistics, sampling, estimation and hypothesis testing and correlation and regression. Offered when there is sufficient demand.

**4690. 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.

**4950. Senior Seminar in Mathematics (1).** Pr., **senior standing.** Student is guided in the presentation of a technical topic and completes an appropriate assessment test in college-level mathematics. Occupational and employment information and guidance offered.

**4970. Special Problems (1-3).** Pr., **permission of instructor.** An individual topics or problems course. Student works under the direction of a staff member on a mathematical topic or problem of mutual interest. With permission from the department head, may be taken on a pass/fail basis.

## Marketing (MKTG)

Associate Professors Funches (Head), Ingram (Dean) and Perriatt  
Assistant Professors Atinc, Darrat and Shows

**3310. Principles of Marketing (3). Pr., ACCT 2020, ECON 2020, ECST 2740, upper division standing.** A survey of the field of marketing and its role within an organization. Examines marketing concepts, terms and management. Includes the areas of product development, distribution, promotion and pricing.

**3420. Issues in Marketing (3). Pr., MKTG 3310.** Seminar on current and future concerns and issues in the field of marketing.

**4010. Entrepreneurship (3). Pr., MKTG 3310, MNGT 3100, FINA 3610.** Covers the entrepreneurial process from conception to birth of a new venture. Evaluate and convert opportunities into a business. Students work in teams to write a business plan for a new business venture. Same as MNGT 4010.

**4340. Purchasing (3). Pr., MKTG 3310.** Objectives, control and the direction of industrial purchasing.

**4360. Marketing Research (3). Pr., MKTG 3310.** The 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.

**4380. Retailing (3). Pr., MKTG 3310.** A survey of the nature, managerial procedures and results of trade at the retail level.

**4390. Sport and Event Marketing (3). Pr., MKTG 3310.** 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.

**4400. Professional Selling and Sales Management (3). Pr., MKTG 3310.** Treats sales as an entry-level and career opportunity. Focus is on building and managing long-term customer relationships as a key marketing strategy. Study of managing sales people and their role as managers. Students prepare and deliver sales presentations.

**4410. Buyer Behavior (3). Pr., MKTG 3310.** 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.

**4420. Supply Chain Management (3). Pr., MKTG 3310.** 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.

**4400. Professional Sales (3). Pr., MKTG 3310.** Treats sales as an entry-level and career opportunity. Focus is on building and managing customer relationships as a key marketing strategy. Focus will be on students preparing and delivering sales presentations.

**4500. Direct Marketing (3). Pr., MKTG 3310.** Management of non-personal promotional methods designed to secure immediate response from the customer. Includes direct mail, space advertising, telemarketing, television and catalogs. Attention to implementing direct marketing and merging it with traditional personal selling and promotional methods.

**4600. Services Marketing (3). Pr., MKTG 3310.** The course examines the unique characteristics of service organization 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.

**4650. International Marketing (3). Pr., MKTG 3310, ECON 3050.** Covers the role of marketing in the global arena and the impact of culture, law, policies, ethics and other environmental variables on strategies for marketing goods and services in a global market.

**4700. Sales Management (3). Pr., MKTG 4440.** This course focuses on helping students understand first-line sales management issues including territory management, hiring, selection and training, motivating and rewarding the sales force, coaching and sales planning.

**4780. Marketing Strategy (3). Pr., MKTG 3310; Senior standing, MKTG 4360 and MKTG 4410.** Planning and development of marketing strategies including opportunities assessment and competitive analysis. Focus on application to present the student with major marketing decision areas. Examines traditional and contemporary marketing strategy alternatives.

**4830. Strategic Promotion Campaign (3). Pr., MKTG 3310.** 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. Same as COMM 4830.

**4900. Independent Study (1-3). Pr., junior standing, department head approval.** Variable content as determined by faculty member outside of the classroom setting. May be repeated up to 6 hours.

**4924. Internship in Marketing (1-3). Pr., departmental approval.** Provides students with the opportunity to gain valuable insight through practical marketing experience so they may better correlate their academic experience with a professional, real-world environment. Business or marketing elective credit.

**4970. Special Problems/Special Topics (3). Pr., MKTG 3310, junior standing.** Variable content within the classroom setting in the marketing or transportation area. May be repeated up to 6 hours.

## Military Science and Leadership (MILS)

### Basic Courses

**1010. Foundations of Officership (1).** Introduction to life in the U.S. Army, including leadership, the unique duties and responsibilities of officers, the organization and role of the Army, basic life skills pertaining to fitness and communication and an analysis of Army values and expected ethical behavior. Fall semester only; taken in conjunction with MILS 1011.

**1011. Freshman Fall Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. Provides training in drill and ceremonies, field craft, individual movement techniques, squad tactics, map reading and land navigation, first aid and use and maintenance of the M-16 rifle. Fall semester only; taken in conjunction with MILS 1010.

**1020. Basic Leadership (1).** Provides basic knowledge of common military skills and presents the fundamental leadership concepts and doctrine of the U.S. Army. Includes the practice of basic skills that underlie effective problem solving, application of active listening and feedback skills, examination of factors that influence leader and group effectiveness and an examination of the officer experience. Spring semester only; taken in conjunction with MILS 1021.

**1021. Freshman Spring Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. The student will receive continued training in drill and ceremonies, field craft, individual movement techniques, squad tactics, map reading and land navigation, first aid and use and maintenance of the M16 Rifle. Spring semester only; taken in conjunction with MILS 1020.

**2010. Individual Leadership Studies (2).** Develops the knowledge of self, selfconfidence and individual leadership skills as well as problem solving, critical thinking and communication, feedback and conflict resolution. Includes personal development, goal setting, communication, problem solving and decision making, leadership, teamwork, the group process, stress management and physical fitness. Fall semester only; taken in conjunction with MILS 2011.

**2011. Sophomore Fall Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. Training in drill, physical training, rappelling, water survival, marksmanship, night operations and land navigation. Fall semester only; taken in conjunction with MILS 2010.

**2020. Leadership and Teamwork (2).** Focuses on self-development guided by knowledge of self and group processes by focusing on challenging current beliefs, knowledge and skills. Taken in conjunction with MILS 2041. Spring semester only; taken in conjunction with MILS 2021.

**2041. Sophomore Spring Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. The student will receive continue training in drill, physical training, rappelling, water survival, tactics, marksmanship, night operations and land navigation. Spring semester only; taken in conjunction with MILS 2020.

#### Advanced Courses

**3010. Leadership and Problem Solving (3). Pr. departmental approval.** Examines the basic skills that underlie effective problem solving by analyzing the role officers played in the transition of the Army from Vietnam to the 21st-century, analysis of military missions and the planning of military operations, the features and execution of the Leadership Development Program and the execution of squad battle drills. Fall semester; taken in conjunction with MILS 3011.

**3011. Junior Fall Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. Training in troop-leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling. Fall semester only; taken in conjunction with MILS 3010.

**3020. Leadership and Ethics (3). Pr. departmental approval.** Probes leader responsibilities that foster an ethical command climate by developing cadet leadership competencies and applying principles and techniques of effective written and oral communication. Students are prepared for success at the ROTC National Advanced Leadership Course. Spring semester only; taken in conjunction with MILS 3021.

**3021. Junior Spring Leadership Lab (1). Pr. departmental approval.** Leadership Lab is required for all Army ROTC students. The student will receive training in troop leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling. Spring semester only; taken in conjunction with MILS 3020.

**4010. Leadership and Management (3). Pr. departmental approval.** Builds on the experience gained at the National Advanced Leadership Course to solve organizational and staff problems. Discusses staff organization and functions, analysis of counseling responsibilities and methods, the principles of subordinate motivation and organizational change. Students will apply leadership and problem solving principles to a case study or simulation. Fall semester only; taken in conjunction

with MILS 4011.

**4011. Senior Fall Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. The student will receive continued training in troop leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling. Fall semester only; taken in conjunction with MILS 4010.

**4020. Officership (3). Pr. departmental approval.** Explores topics relevant to second lieutenants entering the Army and focuses on the legal aspects of decision making leadership, analyzing Army organization from the tactical to the strategic level, assessing administrative and logistical functions, performance of platoon leader actions and an examination of leader responsibilities that foster an ethical command climate. Spring semester only; taken in conjunction with MILS 4021.

**4021. Senior Spring Leadership Lab (1).** Leadership Lab is required for all Army ROTC students. Training in troop-leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling. Spring semester only; taken in conjunction with MILS 4020.

## Nursing (NURS)

Professors Newschwander (Dean), Lazenby (Associate Dean),

All, Faulk (EARN Coordinator) and Morris

Associate Professor Rhodes

Assistant Professors Beuk, Freeman, Hamilton, Langham and Terry

Assistant Clinical Professors Rials and Vires

## Traditional Program

**2010. (4) Foundations of Health Care. Pr.,: Sophomore standing; minimum GPA 2.5.** Foundational concepts essential for professional practice in health care systems

**2011. (3) Foundational Skills for Health Care Professionals Clinical. Pr., Sophomore standing; minimum GPA 2.5.** Application of foundational concepts essential for professional practice in health care systems.

**3100. (6) Pathopharmacology and Patient Centered Assessment. Pr., NURS 2010 and NURS 2011; co-requisite: NURS 3101.** Exploration of basic pathophysiology, pharmacology and assessment concepts essential for professional nursing practice

**3101. (5) Pathopharmacology and Patient Centered Assessment Clinical. Pr., NURS 2010 and NURS 2011; co-requisite: NURS 3100.** Application of basic pathophysiology, pharmacology and assessment concepts essential for professional nursing practice.



**3150. (3) Evidence-Based Practice. Pr., NURS 2010 and NURS 2011.**

EBP concepts essential for professional nursing practice.

**3240. (6) Patient Centered Care. Pr., NURS 3100/3101, NURS 3150; co-requisite: NURS 3241.** Medical surgical concepts essential for professional Nursing practice.**3241. (6) Patient Centered Care Clinical. Pr., NURS 3100/ 3101, NURS 3150; co-requisite: NURS 3240.** Application of medical-surgical concepts essential for professional nursing practice.**4340. (2) Patient-Centered Care of the Childbearing Family. Pr., NURS 3240 and NURS 3241; co-requisite: NURS 4341.** Childbearing family concepts essential for professional nursing practice.**4341. (2) Patient-Centered Care of the Childbearing Family Clinical. Pr., NURS 3240 and NURS 3241; co-requisite: NURS 4340.** Application of childbearing family concepts essential for professional nursing practice**4350. (2) Patient-Centered Care of the Child. Pr., NURS 3240 and NURS 3241; co-requisites: NURS 4351.** Pediatric concepts essential for professional nursing practice.**4351. (2) Patient-Centered Care of the Child Clinical. Pr., NURS 3240 and NURS 3241; co-requisite: NURS 4350.** Application of pediatric concepts essential for professional nursing practice**4360. (4) Population-Based Care. Pr., NURS 3240 and NURS 3241; co-requisite: NURS 4361.** Population-based concepts essential for professional nursing practice.**4361. (3) Population-Based Care Clinical. Pr., NURS 3240 and NURS 3241; co-requisite: NURS 4360.** Application of population based concepts essential for professional nursing practice.**4400. (3) Professional Transformation into Nursing Practice. Pr., NURS 4340/4341, NURS 4350/4351, NURS 4360/4361.** Concepts essential for the transformation into professional nursing practice**4410. (3) Professional Nursing Leadership and Management for Patient-Centered Care. Pr., NURS 3240/3241.** Concepts essential for leadership and management for professional Nursing practice.**4421. (7) Clinical Immersion for Transformation into Practice. (MUST BE TAKEN IN FINAL SEMESTER). Pr., NURS 4340/4341, NURS 4350/4351, NURS 4360/4361.** Application of concepts essential for the transformation into professional nursing practice



## Other

**3940. Individualized Study Plan for Transitional Students (3). Pr., Admission to the School of Nursing.** Individualized focused study plan designed for students out of sequence in the professional nursing curriculum.

**3973 (1-3). Selected Aspects of Health Promotion.** Selected topics in Nursing.

**4530 (2). End-of-Life Care. Pr., completion of all junior-level nursing courses.** This course will explore various issues related to end-of-life care.

**4940. Individualized Study Plan (1-2). Pr., Admission to the School of Nursing.** Individualized focused study plan designed for students who have not reached an identified assessment benchmark in the professional nursing curriculum.

### EARN Program

**4110. Transformation to the Professional Nurse Role (5). Pr., Admission to the EARN Program.** Addresses professionalism and professional nursing practice through awareness and analysis of issues and challenges impacting nurses in all practice settings.

**4120. Pathophysiology for the Professional Nurse (3).** Explores the pathophysiological basis of common health alterations and the impact of these alterations on the mind, body and spirit.

**4130. Nursing Informatics (3).** Introductory course in Informatics focusing on the nursing application of information and computer technology for documentation, communication, research, patient education, and professional development.

**4210. Leading and Managing in Healthcare Micro-Environments (5). Pr., Nurs**

**4110.** Emphasis is placed on unique challenges in micro-environments of health care delivery (sub-units, units, departments, divisions).

**4220. Research for Evidence-Based Practice and Nursing Inquiry (3).** Exploration of the role of the professional nurse in conducting and utilizing research as it relates to clinical nursing practice, administration and education.

**4240. Concepts of Care for Families (3). Pr., Nurs 4110.** Concepts inherent in the delivery of nursing care for families across the lifespan.

**4251. Holistic Assessment and Health Promotion for the Professional Nurse (3). Pr., Admission to the EARN program.** Addresses assessment of clients in an evolving health care system to identify needs for health promotion activities.

**4310. Leading and Managing in Healthcare Macro-Environments (4). Pr., Nurs**

**4210.** Emphasis in on the unique challenges in the macro-environment (structures, settings and organizations) of health care delivery.

**4320. Population Based Health Care/Practicum (4). Pr., Nurs 4110.** Explores the concepts and theories underlying population-based practice in community health settings and environments.

**4330. Transformation to the Professional Nurse Role II (4). Pr., Nurs 4110.** Addresses the integration, synthesis and reflection of professionalism and professional nursing practice through awareness and analysis of issues and challenges impacting nurses in all practice settings.

## Organizational Leadership (ORGL)

**1010. Introduction to Organizational Leadership (3).** Analyzes current and historical leadership styles and theory, with an emphasis on what constitutes effective leadership within federal, state and local agencies. The focus of the study will be on how leaders emerge and assume responsibility to Include visionary leadership within a framework of social responsibility.

**2930. Values and Ethics for Strategic Leaders (3).** The course provides a critical understanding of the nature of values and ethics for strategic leaders. Students will define strategic leadership and understand contingency models of ethics. Students will identify the differences between ethics and values and understand how leadership influences public trust and command climates in organizations.

**2940. Law for Leaders (3). Pr., ORGL 1010.** A practical overview of legal issues relating to state, federal, and local government policy. This course will provide an overview of the Uniform Code of Military Justice, Federal Acquisition Regulations, and legal issues pertaining to Homeland Security.

**3010. Leadership in Crisis (3). Pr., ORGL 1010.** Uses case studies to examine the dynamics of crisis leadership and decision making from a senior leader's or government official's perspective. This course frames the discussion on ways to overcome leadership challenges in planning and responding to a large scale incident.

**3970. Team Building I (3).** This course will provide a critical understanding of how leadership affects the nature of team building in organizations. Students will understand the benefits of leading teams, recognize and resolve team problems, understand how to motivate team members and leaders, and comprehend the importance of diversity on leading teams.

**4900. Team Building II (3). Pr., ORGL 3970.** This course builds upon lessons learned in ORGL 3970. It will provide the critical understanding of how leadership affects team dynamics. Students will comprehend the importance of leaders fostering cohesiveness, confidence, and cooperation. Students will practice team decision-making skills by executing a joint operations center and role playing various leadership positions.

**4970. Special Topics in Organizational Leadership (3). Pr., departmental approval.**

This course examines the universal principles of leadership. It is designed to build repeatable and transferable leadership knowledge and skills. These skills are applied both within the context of the class and in learning and living environments.

## **Physical Education and Exercise Science (PHED)**

Professors Olson, Reilly and Williford (Head)

Associate Professor Esco

Assistant Professor Schaefer

Clinical Assistant Professors Gross and Walker

Physical Education (PHED)

**1007. Introduction to Martial Arts (2).** An introduction to the basic skills of selected martial arts, including Tae Kwon Do, Hap Kido and Judo. Fundamental striking, grappling, throwing and joint locking techniques are taught.

**1013. Varsity Basketball (2). Pr., varsity athlete.** Varsity sports participation.

**1023. Varsity Tennis (2). Pr., varsity athlete.** Varsity sports participation.

**1033. Varsity Soccer (2). Pr., varsity athlete.** Varsity sports participation.

**1043. Varsity Baseball (2). Pr., varsity athlete.** Varsity sports participation.

**1053. Varsity Softball (2). Pr., varsity athlete.** Varsity sports participation.

**1113. Beginning and Intermediate Swimming (2).** Develops knowledge and skills in aquatics from recreational to more skillful. Safety is also emphasized.

**1123. Lifesaving and Instructor Training (2). Pr., PHED 1113.** Furthers the students' instruction in swimming safety and life-saving. Certifications will be awarded. A nominal fee will be charged by the facility.

**1203. Outdoor Recreation (2).** Provides students with opportunities to learn camping and backpacking skills.

**1205. Introduction to Outdoor Pursuits (2).** Introduction to selected outdoor pursuit activities such as the ropes course, backpacking, hiking, etc.

**1303. Basketball and Volleyball (2).** An introduction to basketball and volleyball. Emphasis is on development of fundamental skills, knowledge and appreciation. Rules and history of the games are included.

**1305. Introduction to Disc Sports (2).** A course designed to introduce students to team sports such as ultimate frisbee and disc golf.

**1323. Soccer and Softball (2).** An introduction to soccer and softball. Emphasis on the development of fundamental skills, knowledge and appreciation. Rules and history of the games are included.

**1400. Aerobics (2).** A course designed to get students involved in daily aerobic activity such as aerobic boot camp and step aerobics.

**1402. Jogging (2).** A course designed to give students an understanding of and the ability to establish their own exercise program that includes jogging.

**1405. Triathlon Training (2).** A course designed to give students a foundation for skills in a multi-sport setting: swimming, cycling, running.

**1407. Introduction to Self-Defense (2).** A course designed to give students an understanding of and a proficiency in self-defense.

**1409. Yoga's Pilates (2).** A course designed to give students an understanding and proficiency in yoga and pilates.

**1543. Badminton and Pickle-Ball (2).** An introduction to badminton and pickle-ball. Emphasis on the development of fundamental skills, knowledge and appreciation. Rules and history of the games are included.

**1563. Archery and Casting (2).** An introduction to outdoor/recreational leisure sports.

**1593. Beginning and Intermediate Golf (2).** An introduction to the basic and intermediate elements of the game of golf.

**1643. Beginning and Intermediate Tennis (2).** Orientation to tennis from basic skills and knowledge to special shots and strategies.

**1723. Principles Exercise and Conditioning (2).** Provides knowledge and experience in the fundamentals of exercise training and conditioning.

**1743. Beginning and Intermediate Gymnastics (2).** An introduction to the basic skills of gymnastics and a continuation of the development in gymnastics through the intermediate level.

**1803. Fundamentals of Dance (2).** A course for physical education majors and those students interested in the field of dance. Basic dance theories and methods are taught. Types of dances include folk, square, ballroom and contemporary.

**1823. Exercise and Weight Control (2).** Physical activity as it relates to nutrition, health and changes in body composition.

**2003. Introduction to Theory and Techniques of Teaching and Coaching Sports Skills (3). Pr., sophomore standing.** Develops expertise in the organization of teaching and coaching of sports skills. Emphasis is on theory, methods and effective techniques of teaching, evaluating and coaching sports skills. Unit and lesson construction stressed.

**2010. Foundations of Health and Physical Education (3).** Provides an overview of health and physical education. The history, philosophies and principles of the profession are emphasized and specialties, including health, physical education and exercise science, are surveyed.

**2033. Theory and Techniques of Teaching Football, Soccer, Track and Field and Archery (3). Pr., PHED 2003.** Develops professional expertise in the organization and teaching of football, soccer, track and field and archery. Emphasis on theory, methods and effective techniques of teaching and evaluating knowledge and performance of these sports skills.

**2063. Theory and Techniques of Coaching and Officiating Football (3). Pr., PHED 2003.** Develops professional expertise in the theory and techniques of coaching football. Emphasis on practical application of organizing and administering coaching responsibilities. Knowledge and practical application of officiating football included.

**2073. Theory and Techniques of Coaching and Officiating Basketball (3). Pr., PHED 2003.** Develops professional expertise in the theory and techniques of coaching basketball. Emphasis on practical application of organizing and administering coaching responsibilities. Knowledge and practical application of officiating basketball included.

**2083. Theory and Techniques of Coaching and Officiating Soccer (3). Pr., PHED 2003.** Develops professional expertise in the theory and techniques of coaching soccer. Emphasis on practical application of organizing and administering coaching responsibilities. Knowledge and practical application of officiating soccer included.

**2093. Theory and Techniques of Coaching and Officiating Baseball (3). Pr., PHED 2003.** Develops professional expertise in the theory and techniques of coaching baseball. Emphasis on practical application of organizing and administering coaching responsibilities. Knowledge and practical application of officiating baseball included.

**2103. Theory and Techniques of Coaching and Officiating Volleyball (3). P., PHED 2003.** Develops professional expertise in the theory and techniques of coaching volleyball. Emphasis on practical application of organizing and administering coaching responsibilities. Knowledge and practical application of officiating volleyball included.

**2130. Health and Physical Education in the Elementary School (3). Pr., admission to professional education.** Develops expertise in methods of teaching health education and physical education in elementary schools. Content appropriate for each developmental level is emphasized. Methods of evaluating students are also included. Field experience required.

**2203. Wellness (3).** Develops wellness concepts in a variety of health topics. Fitness labs are included.

**3043. Theory and Techniques of Teaching Basketball, Badminton, Volleyball and Tennis (3). Pr., PHED 2003.** Develops professional expertise in the organization and teaching of basketball, badminton, volleyball and tennis. Emphasis on theory, methods and effective techniques of teaching and evaluating knowledge and performance of these sports.

**3053. Theory and Techniques of Teaching Gymnastics, Dance, Aerobics and Weight Training (3). Pr., PHED 2003.** Develops professional expertise in the organization and teaching of gymnastics, dance, aerobics and weight training. Emphasis on evaluating dance routines and gymnastics skills and prescribing of fitness programs that improve body composition levels.

**4003. Physiology of Exercise (3). Pr., BIOL 2093.** Designed to study the physiological basis of physical activity.

**4010. Cardiac Rehabilitation (3). Pr., PHED 4003, BIOL 2093.** Emphasizes the theories and procedures for rehabilitation of those with cardiovascular disease. Academic and practical experiences concerning therapeutic exercise prescription are undertaken.

**4030. Methods of Teaching Physical Education (3). Pr., admission to professional education.** Designed to provide the skills necessary to properly organize, conduct and evaluate physical education programs in multicultural environments. Emphasis on curriculum design, yearly planning, unit planning and daily lesson planning. Field experience required.

**4043. Kinesiology (3). Pr., BIOL 2093.** Designed to focus on the science of human movement. Specifically, applied anatomy and mechanical principles of human movement are related to skillful motor performance.

**4044. Biomechanics in Human Movement (3). Pr., BIOL 2093, PHED 4043.** Designed to study the mechanical laws and principles that govern human movement and their application to activities of daily living, fitness, sport and rehabilitation.

**4050. Motor Development (3). Pr., junior or senior standing.** Acquaints the student with perceptual-motor functioning. Includes measurement and evaluation of perceptual-motor efficiency and the neurological structure of the human organism

as it relates to learning.

**4153. Exercise Prescription (3). Pr., BIOL 2093.** Designed to evaluate the principles of human performance assessment and exercise prescription.

**4160. Adapted Physical Education (3). Pr., junior or senior standing; PHED 2003.** Guides the student in the development of adapted programs to meet the needs of diverse children. Emphasis on physical, mental, social and emotional characteristics. Field experience required.

**4183. Measurement and Evaluation in Physical Education (3). Pr., admission to professional education; junior standing.** Designed to evaluate measurement and evaluation techniques used in physical education and exercise science. Field experiences required.

**4193. Measurement and Evaluation in Exercise Science (3).** A course designed to evaluate the measurement and evaluation techniques used in exercise science.

**4200. Organization and Administration of Physical Education (3). Pr., admission to professional education.** Presents the various organizational and administrative structures, principles and philosophies in the field of health and physical education. The planning and construction of physical facilities are included.

**4230. Scientific Basis of Exercise (3). Pr., PHED 4003.** A course designed to examine the scientific basis of exercise related to health, physical fitness and athletic performance.

**4250. Nutrition for the Physically Active (3). Pr., junior or senior standing.** Provides nutritional information for those engaged in athletics. It will also assist others who are physically active or desire to initiate a personalized exercise program.

**4260. Consumer Health (3). Pr., junior standing.** Provides useful guidelines and principles related to the selection and use of health products and services.

**4270. Sociology of Sport and Physical Activity (3). Pr, junior standing.** Introduction to 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.

**4310. Ethics in Sport (3).** The course provides students with a variety of experiences related to theory and examination of ethical issues in sport.

**4320. Diagnostic and Prescriptive Teaching in Adapted Physical Education (3). Pr., PHED 4160.** Prepares the student to deal with the physiological discrepancies that affect learning. Trains the student to prescribe individual education programs to remediate such discrepancies.



**4330. Sport Marketing (3).** The course provides students with a variety of learning experiences related to the theory and practice of marketing sport.

**4340. Risk Management and Legal Issues in Sports and Physical Education (3).** Course will focus on risk management and legal issues facing sport managers.

**4350. Sport Facility Planning and Construction (3).** This course provides students an overview of planning, design and construction of physical education, recreation and sport facilities.

**4360. Sport Finance (3).** This course will apply economic principles to professional, collegiate, and high school sports programs. It will also provide the student with practical background knowledge of the general principles in financial management.

**4363. Emergency Medical Care (3).** Provides professional first-responder skills (CPR, first aid). Injury and disease prevention will also be emphasized.

**4370. Sport Sales and Promotion (3). Pr., junior or senior standing.** Foundational concepts and theory related to sport sales and promotion.

**4380. Leadership in Sport Organization (3). Pr., sophomore or junior standing.** The purpose of this course is to study leadership theory as it applies to sport organizations.

**4383. Fundamentals of Athletic Training (3). Pr., BIOL 2093; PHED 4043; PHED 4363.** Exposes students to current practices in sports medicine, with special emphasis on training, treatment and injury prevention. Professional preparation in rehabilitation careers is also emphasized.

**4410. Campus Recreation Theory and Programming (3). Pr., junior or senior standing.** Theory and programming aspects of campus recreation programs.

**4800. Psychology of Coaching (3). Pr., junior or senior standing.** Introduces the professional students to the psychological aspects of teaching and coaching. Attention is given to the effect of sports on society, crowd control and the individual athlete. Current issues of physical education and athletics will be included.

**4914. Practicum in Physical Education/Exercise Science (3). Pr., admission to professional education.** Independent directed study or field experience to be determined.

**4922. Internship in Exercise Science (1-9). Pr., admission to internship.** Students are placed in professional exercise science settings to participate in supervised, applied experiences.

**4924. Professional Internship in Physical Education (9). Pr., admission to internship.** Students are placed in both public elementary and secondary settings to par-



ticipate in supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of field and clinical experiences.

**4934. Internship in Sport Management (0-9). Pr., admission to internship.** Students participate in a professional setting related to sport leadership of sport management to gain applied experience in the field.

**4944. Professional Leadership (3). Pr., junior standing; departmental approval.** Designed to provide leadership opportunities for individuals specializing in physical education or exercise science.

**4972. Problems and Issues (3). Pr., junior standing; departmental approval.** Designed to research problems and issues in physical education or exercise science.

**4982. Bachelor's Comprehensive Examination (0). Pr., departmental approval.** An exit examination for physical education majors.

## Physical Sciences

Professors Rawlings and Thomas

Associate Professor Kim

Assistant Professors Arnold (Chair), Hutchison and Russell

Laboratory Coordinator R. Richardson

Instructor S. Sahinoglu

## Chemistry (CHEM)

**1000. Fundamentals of Chemistry (3).** An introduction to the fundamental concepts of chemistry for students who have a weak background in science but are required to take General Chemistry I (CHEM 1100). Includes basic chemical principles and related science topics, chemical problem solving and data handling.

**1100. General Chemistry I (3). Pr., CHEM 1000 or ACT > 17 and placement in MATH 1100 or above or departmental approval; Coreq., CHEM 1101.** A detailed study of atomic theory, chemical bonding, states of matter, solutions and acid-base theory.

**1101. General Chemistry I Laboratory (1). Coreq., CHEM 1100.** Experiments to accompany lecture topics in CHEM 1100.

**1200. General Chemistry II (3). Pr., CHEM 1100, CHEM 1101; Coreq., CHEM 1201.** A detailed study of kinetics, equilibria and thermodynamics. Introductions to organic chemistry and nuclear chemistry included.

**1201. General Chemistry II Laboratory (1). Coreq., CHEM 1200.** Experiments to accompany lecture topics in CHEM 1200.

**2103. Analytical Chemistry (4). Pr., CHEM 1200, CHEM 1201.** A study of quantitative methods of chemical analysis. Laboratory exercises include volumetric, gravimetric and spectrophotometric procedures. (Laboratory and lecture cannot be separated.)

**2300. Applied Organic Chemistry (3). Pr., CHEM 1200 and CHEM 1201.** A descriptive course in applied organic chemistry with applications in the general, environmental and health sciences and the chemical industry.

**2301. Applied Organic Chemistry Laboratory (1). Pr., CHEM 1200 and CHEM 1201; Coreq., CHEM 2300.** Experiments to accompany lecture topics in CHEM 2300. Provides an optional laboratory experience for CHEM 2300.

**3100. Organic Chemistry I (3). Pr., CHEM 1200, CHEM 1201; Coreq., CHEM 3101.** A systematic study of the physical and chemical natures of organic compounds. Includes hydrocarbon chemistry, simple functional groups and spectroscopy.

**3101. Organic Chemistry I Laboratory (1). Coreq., CHEM 3100.** Experiments to accompany lecture topics in CHEM 3100.

**3200. Organic Chemistry II (3). Pr., CHEM 3100, CHEM 3101; Coreq., CHEM 3201.** A continuation of CHEM 3100. A study of the major functional groups, polyfunctional molecules and other selected topics.

**3201. Organic Chemistry II Laboratory (1). Coreq., CHEM 3200.** Experiments to accompany lecture topics in CHEM 3200.

**3300. Biochemistry (3). Pr., CHEM 2300 or CHEM 3100 and CHEM 3101.** A standard biochemistry course for students in the health and physical sciences. Emphasis on the major biomolecules and basic metabolism.

**3301. Biochemistry Laboratory (1). Coreq., CHEM 3300.** Experiments to accompany lecture topics in CHEM 3300. Provides an optional laboratory experience for CHEM 3300.

**4100. Physical Chemistry I – Thermodynamics (3). Pr., 16 hours of chemistry, 3 hours of calculus; Coreq., CHEM 4101.** Theoretical foundations of chemistry: a study of thermodynamics. Topics include thermodynamic laws, equilibrium and electrochemistry.

**4101. Physical Chemistry I Laboratory (1). Coreq., CHEM 4100.** Experiments to accompany lecture topics in CHEM 4100.

**4200. Physical Chemistry II – Quantum Chemistry and Spectroscopy (3). Pr., 16 hours of chemistry, 3 hours of calculus; Coreq., CHEM 4201.** Theoretical foundations of chemistry: a study of quantum mechanics, kinetics and spectroscopy.

**4201. Physical Chemistry II Laboratory (1). Coreq., CHEM 4200.** Experiments to accompany lecture topics in CHEM 4200.

**4303. Instrumental Biochemistry (4). Pr., CHEM 3100, CHEM 3101.** Emphasis on the principles and applications of instrumental methods to structure determination, chemical behavior and analysis. (Laboratory and lecture cannot be separated.)

**4980. Research in Chemistry (1-4). Pr., 16 hours CHEM, departmental approval.** Directed studies in chemistry. May be repeated for up to 8 hours credit.

Physical Science (PSCI)

**0950. Orientation for the Medical Sciences (1).** A course for pre-professional students in the health sciences. Emphasis on providing information and developing attitudes which will enhance prospects for admission into appropriate professional programs. Graded on satisfactory/unsatisfactory basis. Credit is in addition to minimum degree requirements.

**1100. Introduction to Physical Sciences (3). Coreq., PSCI 1101.** A basic physical sciences course for non-technical majors. Emphasis on everyday applications related to atomic structure and the various forms of energy.

**1101. Introduction to Physical Science Laboratory (1). Coreq., PSCI 1100.** Experiments to accompany lecture topics in PSCI 1100.

**1300. Introduction to Earth Science (3).** An overview of the geology and meteorology of the earth. Topics include the earth's interior, the sea floor, mountain building, geologic structures and time scales, rocks and minerals and atmospheric phenomena. Students electing the optional laboratory for the course, PSCI 1301, may use PSCI 1300 and PSCI 1301 to satisfy a laboratory science requirement under the state core. Students not electing PSCI 1301 may use PSCI 1300 as elective credit only.

**1301. Introduction to Earth Science Laboratory (1). Coreq. PSCI 1300.** Experiments to accompany lecture material in PSCI 1300. Students electing this optional laboratory may use PSCI 1300 and PSCI 1301 to satisfy a laboratory science requirement under the state core. Students not electing PSCI 1301 may use PSCI 1300 as elective credit only.

**1400. Introduction to Astronomy (3).** An elementary overview of astronomy. Topics include the history of astronomy, the earth-sun-moon system, the solar system, light and telescopes, stellar and galactic astronomy.

**1401. Introduction to Astronomy Laboratory (1). Coreq., PSCI 1400.** Experiments to accompany lecture material in PSCI 1400. Students electing this optional laboratory for PSCI 1401, may use PSCI 1400 and PSCI 1401 to satisfy a laboratory science requirement under the state core. Students not electing PSCI 1401 may use PSCI 1400 as elective credit only.

**1500. Introduction to Chemistry (3). Coreq., PSCI 1501.** An introductory descriptive course in chemistry that examines the scientific method, the nature of atoms and compounds, solutions and chemical reactions. Discussion of acids, bases and oxidation included.

**1501. Introduction to Chemistry Laboratory (1). Coreq., PSCI 1500.** Experiments to accompany lecture material in PSCI 1500.

**3980. Special Topics in Physical Science (2). Pr., junior standing, departmental approval.** Directed studies in an area of physical science.

**4914. Mentor in Medicine (2). Pr., departmental approval.** A formal course for pre-medical students requiring time to be spent with a physician on rounds. Entails at least 6 contact hours per week. May be repeated with permission of the pre-medical advisor, but only 2 hours may be applied to graduation.

**4944. Pre-Health Studies (3). Pr., sophomore standing, permission of department, minimum 2.75 GPA for 50 hours taken at AUM.** A formal course for pre-medical students requiring time to be spent in several departments of local hospitals. May not be taken with more than 12 hours of additional course work. Should be attempted only by serious health science majors.

**4970. Senior Seminar (2). Pr., senior standing.** Activities include employment application procedures, oral presentation of a technical topic, completion of an assessment instrument and an evaluation of the department. Required for all seniors prior to graduation.

#### Physics (PHYS)

**2100. General Physics I (3). Coreq. or Pr., MATH 1510 or MATH 1610; Coreq., PHYS 2101.** A treatment of statics, mechanics, heat and thermodynamics intended for technical majors. Calculus-based procedures employed frequently.

**2101. General Physics I Laboratory (1). Coreq., PHYS 2100.** Experiments to accompany lecture topics in PHYS 2100.

**2200. General Physics II (3). Pr., PHYS 2100 and PHYS 2101; Coreq., PHYS 2201.** A treatment of electricity, magnetism, wave phenomena, sound and optics intended for technical majors. Calculus-based procedures employed frequently.

**2201. General Physics II Laboratory (1). Coreq., PHYS 2200.** Experiments to accompany lecture topics in PHYS 2200.

## Political Science (POLS)

Professors Dennard, Kalu and Nathan (Eminent Scholar, Khaled bin Sultan Chair)

Associate Professor Moody (Acting Head)

Assistant Professors Ellis, Knigge and Xu

**2000. Introduction to Government and Politics (3).** An introduction to political science as a field of social science inquiry.

**2020. American National Government (3).** Examines the institutions and processes of the American national government.

**2030. American State and Local Government (3).** Examines the institutions and processes of state and local governments in the United States.

**3010. Research and Methodology (3). Pr., POLS 2020 or consent of instructor.** Introduces the philosophies of science underlying research into human behavior, including the role of logic, the tasks of methodology, the nature of explanation and other problems associated with the theory-data continuum.

**3200. Introduction to International Relations (3).** The study of the factors that influence the interactions of nations with illustrative case studies.

**3220. American Foreign Policy (3).** Examines the forces that influence the formulation and execution of American foreign policy with illustrative case studies.

**3300. Municipal Politics (3). Pr., POLS 2020.** Surveys the processes and functions of city government.

**3400. Introduction to Public Administration (3). Pr., POLS 2020.** Surveys administrative processes, including organizational behavior, leadership, decision making and policy formulation.

**3510. Legislative Process (3). Pr., POLS 2020.** Surveys the structures and processes of legislative bodies, with particular emphasis on the U.S. Congress.

**3600. Judicial Process (3). Pr., POLS 2020.** Surveys the operation of the legal system in the United States. Covers principles of legal research and writing.

**3700. American Political Thought (3). Pr., POLS 2020.** Reviews the development of political philosophy in the United States and its impact on American political institutions.

**3850. American Political Parties (3). Pr., POLS 2020.** An analysis of the political party system, focusing on the three main aspects of political party structure and operation: the party as an electoral cue-giver, the party as an organization and the party as organizer and staffer of government.

**4100. Politics of Education (3). Pr., POLS 2020, junior standing.** Reviews 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 6100.

**4300. Problems in Metropolitan Politics (3). Pr., POLS 2020, junior standing.** Focuses upon selected problems of metropolitan areas and their possible resolution through public policy. May be taught concurrently with POLS 6300.

**4350. 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 6350.

**4450. Comparative Government and Politics (3). Pr., POLS 2020, junior standing.** An examination of the institutions, political processes, functions and problems of major contemporary political systems from a comparative perspective. May be taught concurrently with POLS 6450.

**4500. Southern Politics (3). Pr., POLS 2020, junior standing.** Examines contemporary political developments in the South, with an emphasis on the effect of historical, social and economic changes on current political processes and institutions. May be taught concurrently with POLS 6500.

**4540. American Chief Executive (3). Pr., POLS 2020, junior standing.** Surveys the development and operation of the American presidency and state gubernatorial offices. May be taught concurrently with POLS 6540.

**4600. Constitutional Law (3). Pr., POLS 2020, junior standing.** Surveys the development of American constitutional law, including individual rights and freedoms that shape the contemporary powers of governments in the United States.

**4700. Topics in Political Theory (3). Pr., POLS 2020, junior standing.** An examination of selected ideas and writers in the general field of political philosophy. Specific topic emphasis determined by the instructor.

**4800. Voting Behavior (3). Pr., POLS 2020, junior standing.** Analyzes the personal, social and constitutional basis of the behavior of electorates. May be taught concurrently with POLS 6800.

**4840. Politics and the Mass Media (3). Pr., junior standing.** Examines how mass media have altered 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 policymakers. May be taught concurrently with POLS 6860.

**4860. Political Psychology (3). Pr., junior standing.** Examines the 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 policymaking. May be taught concurrently with POLS 6860.

**4924. Internship in Public Affairs (3-6). Pr., POLS 2020, 9 semester hours of POLS courses, permission of instructor.** Practical experience in governmental agencies or related political activities; arranged and approved by head of the Department of Political Science and Public Administration. Only 6 hours' credit from any combination of POLS 4932 and POLS 4924 may be applied toward the major requirement.

**4932. Directed Studies (1-3). Pr., POLS 2020, 9 semester hours of POLS courses, permission of instructor.** Directed study on a topic chosen jointly by the student and the instructor. Only 6 hours' credit from any combination of POLS 4932 and POLS 4924 may be applied toward the major requirement.

**4970. Special Topics (1-3). Pr., POLS 2020.** In-depth examination of specific topics of current interest in political science-related fields.

## Psychology (PSYC)

Professors LoBello, Ray (Chair) and Zachar  
Associate Professors Harper, Mehta and Tidwell  
Assistant Professor Arms-Chavez and Parenteau

**2110. General Introductory Psychology (3).** A survey of the scientific study of behavior and mental processes. Offered every term.

**2120. Personal and Social Adjustment (3).** A study of factors important in adjusting to today's world. Emphasis on the acquisition and development of adaptive behaviors. Offered every term.

**2193. Research Design (4). Pr., PSYC 2110.** Foundations of scientific inquiry, including an introduction to general experimental principles and exercises designed to build conceptual reasoning, critical thinking and APA report writing skills. Offered every term.

**3123. Behavior Analysis (4). Pr., PSYC 2110.** A study of basic learning principles, particularly operant and respondent behavior, reinforcement schedules, escape and avoidance behavior and secondary reinforcement. Includes required laboratory sessions where these principles are applied to a computerized animal. Usually offered spring and fall terms.

**3193. Research Statistics (4). Pr., PSYC 2193 and core Math.** A lecture and computer laboratory course designed to train students to utilize the tools of statistical analysis in research design and interpretation. Meets the university core computer literacy requirement. Offered fall and spring terms.



**3280. Learning (3). Pr., PSYC 2110.** A survey of various approaches to the study of problem solving and the conditions governing the acquisition and retention of verbal and nonverbal behavior. Usually offered fall and spring terms.

**3450. Social Psychology (3). Pr., PSYC 2110.** A survey of topics such as attitude formation and change, communication, social interaction, leadership, group structure and process and socialization. Usually offered fall term.

**3460. Psychology of Women (3). Pr., PSYC 2110.** An exploration of the psychological issues related to the biological, emotional, cognitive and social functioning of women. Usually offered spring term.

**3470. Culture and Psychology (3). Pr., PSYC 2110.** Studies 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. Usually offered fall term.

**3480. Social Cognition (3). Pr., PSYC 2110.** Social cognition revolves around the cognitive foundations of many social psychological topics. Within this class, students will improve their understanding of the cognitive determinants of social behavior, social cognitive research methods, and continue to build upon their critical thinking skills.

**3510. Personality (3). Pr., PSYC 2110.** A survey of the scientific, phenomenological and psychodynamic approaches to the study of personality. Usually offered every term.

**3530. Abnormal Psychology (3). Pr., PSYC 2110.** A survey of abnormal behavior, its classification, diagnosis, causes and treatment. Usually offered every term.

**3640. Criminal Psychology (3). Pr., PSYC 2110.** Analysis of individual and organizational behavior in criminal justice settings. Usually offered spring term.

**3660. Cognitive Psychology (3). Pr., PSYC 2110.** A survey of mental processes, including such topics as perception and attention, mental imagery, memory and learning, problem solving, language and information processing. Usually offered fall term.

**3760. Industrial Psychology (3). Pr., PSYC 2110.** A survey of the application of psychological technology to business, industry and organizations. Usually offered fall term.

**3780. Developmental Psychology (3). Pr., PSYC 2110.** A study of behavioral, emotional and social changes across the lifespan, from conception and infancy, through the childhood, juvenile, adolescent, adult and elderly years. Usually offered every term.



**4153. Principles of Psychological Assessment (4). Pr., PSYC 2110 and 6 hours of PSYC.** Theory of psychological measurement and a survey of different categories of psychological testing. Offered every term.

**4160. History and Systems in Psychology (3). Pr., PSYC 2110, 9 hours of PSYC.** An examination of the historical sources of modern psychology and the various theoretical and methodological orientations that developed within the field. Offered fall and spring terms.

**4193. Advanced Research Methods (4). Pr., PSYC 3193.** A lecture and laboratory course devoted to research issues, including experimental design, interpretation of data and communication of experimental results.

**4320. Physiological Psychology (3). Pr., PSYC 2110.** An examination of the physiological mechanisms underlying behavior, motivation and cognition. Usually offered fall term.

**4330. Sensation and Perception (3). Pr., PSYC 2110.** A survey of how organisms sense and perceive the environment. Topics include stimuli that activate the sense organs and theories and research about how the brain and past experiences convert sensations into perceptions.

**4340. Health Psychology (3). Pr., PSYC 2110.** Examines the relationship between behavior and physical health. Emphasis on factors associated with physical illness, well-being and adaptation to illness. Offered in the spring term.

**4350. Psychopharmacology: Drugs and Behavior (3). Pr., PSYC 2110.** The study of chemicals that have the potential to alter mood, perception or behavior. Includes the composition and effects of such drugs, theoretical perspectives and empirical research. Offered concurrently with PSYC 6350.

**4623. Behavior Modification (4). Pr., PSYC 3123.** 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.

**4640. Personnel Selection and Utilization (3). Pr., PSYC 2110, PSYC 3510, PSYC 3760.** Application of psychological principles to recruiting, selecting, evaluating and training of factory, office, labor and professional personnel. Usually offered spring term.

**4740. Advanced Industrial-Organizational Psychology (3). Pr., PSYC 2110, PSYC 3760.** Provides an in-depth focus on issues in industrial-organizational psychology. Basic theoretical positions and empirical findings emphasized. Usually offered fall term.

**4860. Political Psychology (3). Pr., junior standing.** Examines the 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.

**4902. Independent Study in Psychology (2-6). Pr., three 3-credit courses at 3000 level or higher and permission of instructor and department chair.** Students work under the direction of a faculty member on a topic area of interest. Except in unusual circumstances, students are not normally allowed more than one independent study. All independent studies require a written contract.

**4924. Practicum in Psychology (2-6). Pr., three 3-credit courses at 3000 level or higher and permission of instructor and department.** Each student works under supervision of a faculty member in a departmentally approved setting to learn skills by providing psychological services. Available every term with consent of an instructor and the department chair.

**4952. Seminar in Psychology (3). Pr., PSYC 2110, 6 hours of PSYC.** Topics for the seminar vary, based on student and faculty interest.

## Sociology

Professors Djamba, Sharp and Tang

Associate Professors Brackett (Head), Davis-Maye, Winemiller and Yarber

Assistant Professors Feltmate, B. Johnson and Marcoux

Anthropology (ANTH)

**2110. Cultural Anthropology (3).** Study of the ways of life among preliterate and literate peoples and a comparative analysis of preliterate societies through out the world.

**2120. Introductory Archaeology (3). Pr., sophomore standing.** The history, principles and methods of investigating and reconstructing past cultures.

**3120. The North American Indians (3).** A cultural survey of native America. Description and analysis of specific features of representative Indian cultures and cultural developments. (Same as HIST 3120.)

**3740. Anthropology and Health (3). Pr., ANTH 2110.** Introduction to cultural norms, perspectives and perceptions of health care. Focuses on the role of cultural and ethnic beliefs and adaptations pertaining to matters of sickness, curing and well-being in modern and traditional societies.

**3760. Ethnology: People of a Selected Culture Area (3). Pr., ANTH 2110.** Cultural anthropology and archaeology in a selected global culture area. Focuses on comparative analyses of major cultural developments, including origins, migrations and adaptations. May be repeated for a maximum of 6 hours credit.

**3800. New World Civilization (3). Pr., ANTH 2110.** Prehistory of Mexico, Peru and adjacent areas, tracing the development of state level societies from the earliest inhabitants to European contact, including the Teotihuacan, Aztec, Mayan and Peruvian cultures.

**3810. Language in Culture and Society (3). Pr., ANTH 2110.** Examines the relationship between languages and their cultures and societies.

**3971. Special Topics in Anthropology (3). Pr., permission of instructor.** Examines selected topics from an anthropological perspective. Topics announced prior to the beginning of each semester. May be repeated for a maximum of 6 hours credit.

**4030. Cultural and Social Change (3). Pr., ANTH 2110, junior or senior standing.** Research and theories in social and cultural change. Emphasis on the causes and consequences of cultural and social change in traditional, modern and post-modern societies.

**4100. Biological Anthropology (3) Pr., ANTH 2110.** Human evolution, evolutionary theory, natural selection, genetics, hominid origins and ancestry and archaeological methods for recovery and interpretation of the fossil record. Emphasis is placed on the concept of adaptive fitness and variation in diverse physical environments.

**4200. Anthropology of Religion (3). Pr., ANTH 2110.** Examines preliterate religion and cross-cultural aspects of beliefs and rituals. Focuses on the way in which these beliefs and practices are interrelated with the sociocultural lifestyles.

**4723. Laboratory Techniques in Archaeology (1-3).** Analysis, preservation, cataloging and restoration techniques of cultural, botanical and osteological materials from archaeological sites.

**4900. Independent Study in Anthropology/Archaeology (1-3). Pr., senior standing or permission of instructor.** Independent reading and/or research in selected areas of anthropology.

**4940. Field Archaeology (3-6). Pr., permission of instructor.** Active field participation using the techniques of excavation, site mapping, data recording, artifact recovery and photography.

**4945. Advanced Field Archaeology (1-3). Pr., permission of instructor.** Application of archaeological field methods to an individual project, which is part of a supervised archaeological field program.

Geography (GEOG)

**2010. Principles of Physical Geography (3).** Study of the basic physical elements of geography, including climate, lithology, landforms, water resources, soils and

**2050. Geography of World Regions (3).** An analysis of world regional patterns of human and physical geographical characteristics. The course includes an examination of the twelve world regions: Europe, Russia, Central Asia, Middle East, North Africa, Sub-Saharan Africa, South Asia, East Asia, Southeast Asia, Oceania, Latin America and North America.

**2150. Human Geography (3).** Analysis of the principles, concepts, and methods used in the study of human geography. Spatially examines contemporary world issues involving the geographies of population, urbanization, culture, development, resources, and political divisions.

**2250. Economic Geography (3).** Investigates the principles of economic geography through the interaction of man and his habitat with emphasis on economic types, food products, minerals, power resources and trade patterns.

**3600. Historical Geography of the United States (3). Pr., GEOG 2010 or GEOG 2150.** Study of changes in the cultural landscape of the United States with emphasis on the development of man-made features of the present.

**3971. Special Topics in Geography (3). Pr., permission of instructor.** Examines 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.

**4200. Urban Geography (3). Pr., GEOG 2010 or GEOG 2150.** The location, character and growth of urban centers with special attention to their interior patterns of land use and cultural development.

Geography: Geographic Information Systems - GIS - (GEOG)

**3940. Cartography with Lab (4).** Introduction to mapping sciences and arts, including the basics in mapping (scale, spatial reference systems and projections), data acquisition and organization, key techniques for thematic mapping and the principles of cartographic abstraction and design.

**3950. Introduction to Geographic Information Systems with Lab (4).** Geographic Information Systems 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.

**4950. Advanced Geographic Information Systems with Lab (4). Pr., GEOG 3950.** Geographic Information Systems and Science history and theory, spatial concepts, research design, computer cartography, data collection and entry, information, storage, relational database design, digitizing, raster/vector operations, GPS and GIS, remote sensing analysis, overlay operations, spatial statistics and predictive modeling, attribute queries, spatial queries and GIS output.

**4955. GIS and Urban Studies (4). Pr., GEOG 3940, GEOG 3950, GEOG 4950.** A course in GIS applications in urban and community management, economic development, education, elections, districting, housing and property evaluation, transit and transportation, land use and sustainability, crime analysis, emergency management, public works, utilities, and growth modeling.

**4960. Remote Sensing and GPS Applications in Geographic Information Systems with Lab (4). Pr., GEOG 3950 and GEOG 4950.** 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.

**4990. Applied Research in Geographic Information Science and Systems with Lab (4). Pr., GEOG 3940, GEOG 3950, GEOG 4950 and GEOG 4960.** Opportunity to demonstrate knowledge derived from four basic courses in GIS. Under faculty supervision, design and carry out a major research project that incorporates topics relating to the history, philosophy and science of spatial analysis.

## Gerontology (GERO)

**4400. Social 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 4400.)

**4500. Research in Aging (3).** Methods and techniques currently employed in studying the aging process and aging populations. (Same as SOCI 4500.)

**4700. 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 4700.)

**4800. Legal Aspects of Aging (3).** Political and legal realities confronting older adults. Examines of historic and current legislative programming relevant to the aging and strategies of political involvement and influence building. (Same as SOCI 4800.)

**4850. 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 4850.)

## Sociology (SOCI)

**2000. Introduction to Sociology (3).** Introduction to sociological concepts, research techniques and theories. Focuses on some of the substantive areas of sociology, encompassing collective behavior, gender roles, deviance, social class, population and American institutions.

**2007. Introduction to Sociology, Honors (3). Pr., permission of instructor.** Intro-

duction to sociological concepts, research techniques and theories. Focuses on substantive areas of sociology, encompassing collective behavior, gender roles, deviance, social class, population and American institutions. Enhanced honors version of SOCI 2000.

**2010. Social Problems (3).** Study of institutional foundations of disruptive social relationships, including health care, sexual deviance, crime and juvenile delinquency, alcohol and drug abuse, aging, family organization, poverty and population.

**2020. Intimate Lifestyles (3).** Adjustments required in the establishment and maintenance of family structures. Analysis of personal relationships in both traditional marriage and alternate forms, including widow(er)hood and the role of divorce.

**2100. Media and Culture (3).** A critical examination of the purposes, functions and effects of media on individuals, institutions, culture and social structure. (Same as COMM 2100).

**2200. Divorce and Remarriage (3).** Analysis of various facets of the divorce process, including the historical, legal, social and psychological. Focuses on the problems of restructuring the family and the adjustments encountered by those who choose to remain single.

**2250. Human Sexuality (3).** Study of the sociological and anatomical aspects of human sexuality. Examines sexual responsibility, sexual values, sexual practices and techniques, contraceptives, sexually transmitted diseases, deviant sexual practices, sexual dysfunctions and laws pertaining to sexual conduct.

**3010. Research and Methodology I (3).** Pr., SOCI 2000 and MATH 1100. Statistical reasoning and techniques used by social scientists to summarize data and test hypotheses. Examines sampling, descriptive and inferential statistics, central tendency and distribution, probability, variance and regression analyses. Students need to pass an entrance exam on the first day of class to remain enrolled in this course.

**3011. Research and Methodology I Laboratory (1).** Pr., SOCI 2000, MATH 1100 and approved computer literacy course (CSCI 1000, COMM 2713, INFO 2070, GEOG 3950 or equivalent). Computational aspects of SOCI 3010 Research and Methodology I. Introduction to Statistical Package for Social Sciences (SPSS), a statistical analysis program.

**3020. Research and Methodology II (3).** Pr., SOCI 2000, SOCI 3010, SOCI 3011 and MATH 1100. Introduction to sociological research including the principles of survey, experimental and field research designs. The collection, analysis and reporting of data through an actual field experience include data-collection techniques, sampling, analysis and ethics.

**3050. Women and Culture (3). Pr., SOCI 2000.** The course investigates womanhood within selected cultures around the globe, while also examining the contributions of women to those cultures. There is significant coverage of the intersections of race, class, and religion, as well as victimization of and violence against women.

**3070. Sociology of Gender Roles (3). Pr., SOCI 2000.** Conceptions of femininity and masculinity and modifications of these resulting from economic, demographic and cultural changes. Emphasis on socialization for feminine and masculine roles and variations in these roles throughout life.

**3100. Juvenile Delinquency (3). Pr., SOCI 2000.** Analysis of factors contributing to delinquent behavior among youth in the United States and other societies. Current theories, extent, treatment and prevention of delinquency are also considered.

**3150. Criminology (3). Pr., SOCI 2000.** Examines the theories, current research findings and societal reaction to crime and criminals, including crime causation, law enforcement, judicial processing and corrections.

**3200. Social Stratification (3). Pr., SOCI 2000.** Introduction to the nature of social stratification, including a survey of theories of stratification, techniques for studying stratification systems and the characteristics and consequences of social class membership.

**3250. Sociology of Health and Illness (3). Pr., SOCI 2000.** Sociocultural definitions and responses to illness; organization of health and medical institutions; social epidemiology of disease; changing doctor-patient relationships; inequality and the distribution of health care; and emphasis on sociocultural and environmental factors influencing health and illness.

**3300. Sociology of Death and Dying (3). Pr., SOCI 2000.** Study of death and dying, including the varied conceptions of death, the dying process, dying as a sociocultural process and the death industry.

**3350. Collective Behavior (3). Pr., SOCI 2000.** Examines forms, behaviors and processes in crowds, public collectives, social movements and transitory groupings.

**3850. Introduction to Social Welfare (3).** Examines community social service agencies and programs they offer, including career opportunities in numerous fields of social work.

**3900. Social Welfare: Policies and Service (3).** Philosophical and historical perspective of social welfare services and social work practice. Analytical understanding of social welfare programs, policies and issues. Designed for students interested in human services.

**3914. Practicum/ Child Advocacy Capstone Course (3 -9). Pr., SOCI 3850 and programmatic approval.** This course provides students the opportunity to explore hu-



man services and the strengths and needs of varied client populations. Supervised field work in a human service agency provides theoretical and practical experience over a minimum of 72 field hours in a domestic or international setting.

**3950. Human Behavior and Social Environment (3).** Examines theories pertaining to the development of the human individual in the context of the family, small group, community and society. Understanding the interrelationship of biological, social-psychological and social variables.

**3971. Special Topics in Sociology (3).** Examines topics from a sociological perspective. Topics announced prior to the beginning of each semester. May be repeated for a maximum of 6 hours of credit.

**4000. Social Theory (3). Pr., SOCI 2000, junior or senior standing.** Sociological theory from the 19th-century to the present, including major theoretical perspectives, such as functionalism, conflict, interactionism and post modernism.

**4050. Sociology of Deviance (3). Pr., SOCI 2000, junior or senior standing.** Examines 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 are examined.

**4100. Minority Groups (3). Pr., SOCI 2000.** Intergroup relations in the United States with emphasis on the processes of assimilation, amalgamation and pluralism. Problems related to prejudice, discrimination, identity formation and prevailing power arrangements analyzed.

**4150. Population, Social and Economic Development. Pr., SOCI 2000.** Principles of growth and development in their historic context with regard to developed and developing countries. The interrelationship of economic, social and demographic variables in the process of development. Population theory and policy concerns.

**4200. Urban Sociology (3). Pr., SOCI 2000.** Examines the city in historical and contemporary contexts. Focuses on the internal structure and functioning of the city, including ecological patterns, power arrangements, community institutions, minority group relations, class systems and demographic characteristics.

**4300. Sociology of the Family (3). Pr., SOCI 2000.** Analysis of family systems throughout the world, with emphasis on structural features, internal dynamics and current trends in the United States.

**4350. Social Psychology (3). Pr., SOCI 2000, junior or senior standing.** Study of the nature and causes of individual behavior in social situations, including orientation to theory and research methods with emphasis on research studies and practical application of principles.



**4360. Sociology of Religion (3). Pr., SOCI 2000, junior or senior standing.** Sociological perspective of religion, including the effect of religion on behavior and attitudes and the reciprocal relationship of religion with other societal institutions. Examines major aspects of religion in the United States.

**4400. Social 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 4400.)

**4450. Child Welfare & Maltreatment (3).** This elective is designed to familiarize students with the field of child welfare, its history, current policy and practice issues, the diversity of families structures and contexts, with a focus on the various forms of child maltreatment and best practices for response.

**4500. Research in Aging (3).** Methods and techniques currently employed in studying the aging process and aging populations. (Same as GERO 4500.)

**4700. 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 4700.)

**4850. 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 4850.)

**4900. Independent Study in Sociology. (1-3). Pr., permission of the instructor.** Independent reading and/or research in selected areas of sociology.

**4950. Advanced Seminar in Sociology (3). Pr., junior or senior standing.** Focuses on issues of contemporary, theoretical and empirical interest in sociology and anthropology. The topics will vary depending on student interest and faculty involvement. Offered once per year.

## Statistics for Business and Economics (ECST)

Associate Professors Ligeon and Linna

**2740. Business Statistics I (3). Pr., INFO 2070, MATH 1100 or MATH 1120 or appropriate score on AUM Mathematics Placement Test.** The introduction and application of elementary statistics to decision making in business and economics, including descriptive statistical measures, probability, probability distributions and estimation. Duplicate credit will not be allowed for ECST 2740 and MATH 2670.

**2750. Business Statistics II (3). Pr., ECST 2740.** A continuation of Business Statistics I, including analysis of variance, Chi-Square, regression and correlation and nonparametric methods. Duplicate credit will not be allowed for ECST 2750 and MATH 3670

## ■ 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. Any new trustees will be 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

Dr. Robert Bentley, Governor of Alabama, President (ex officio)      Montgomery

Name	District	Home
<b>Term Ends 2012</b>		
John G. Blackwell	Eighth	Huntsville
<b>Term Ends 2014</b>		
Gaines Lanier	Fifth	West Point, GA
<b>Term Ends 2019</b>		
Bob Dumas	Third (Lee County)	Auburn
Elizabeth Huntley	Sixth	Clanton
Sarah B. Newton	Seventh	Fayette
James Pratt	Ninth	Birmingham
James W. Rane	Third	Abbeville
B.T. Roberts	First	Mobile
Jimmy Sanford	Fourth	Prattville
Clark Sahlie	Second	Montgomery

### Members at Large

<b>Term Ends 2012</b>		
Samuel Ginn	At-Large	San Bruno, CA
<b>Term Ends 2016</b>		
Raymond J. Harbert	At-Large	Birmingham

**Terms Ends 2019**

Charles D. McCrary	At-Large	Birmingham
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**Advisory Members**

- President, Student Government Association, Auburn University (ex officio)
- President, Student Government Association, Auburn Montgomery (ex officio)

## ■ Faculty

## Year Faculty Started at AUM

Aaij, Michel, Associate Professor of English .....	2006
M.A., Ph.D., University of Alabama	
Aga, Mosisa, Associate Professor of Mathematics .....	2006
B.S., M.S., Addis Ababa University; M.A., Ph.D., Wayne State University	
Aho, John M., Associate Professor of Biology .....	1992
B.A. M.A., Wake Forest University; Ph.D., University of Exeter, England	
Alexander, Jeri Jo, Professor of Education and Distinguished Teaching Professor .....	1988
B.A., Fort Lewis College; M.A., Northern Arizona University; Ph.D., University of New Mexico	
All, Anita, Professor .....	2006
B.S.N., University of Wyoming; M.S.N., University of Northern Colorado; Ph.D., University of Colorado	
Anderson, Nancy, Associate Professor of English .....	1973
B.A., Millsaps College; M.A., University of Virginia	
Ang, David S., Professor of Information Systems and Decision Science .....	1992
B.S., Ohio University; M.S., Ph.D., University of Alabama at Huntsville	
Arms-Chavez, Clarissa, Assistant Professor of Psychology .....	2009
B.S., Western Illinois University, M.A., Ph.D., University of Texas El-Paso	
Arnold, Edwin W., Professor of Management .....	1989
B.B.A., University of Wisconsin-Whitewater; M.B.A., University of Arkansas; Ph.D., University of Alabama	
Arnold, Steven E., Chair, Department of Physical Sciences and Assistant Professor of Physical Science .....	1998
B.S., Ph.D., Louisiana State University	
Atinc, Yasmine O., Assistant Professor of Marketing .....	2012
B.S.B.A., M.B.A., Troy University; D.B.A., Louisiana Tech University	
Austin, Sheila, Associate Dean of Education and Associate Professor of Education .....	2008
B.S., M.S., Ph.D., University of Toledo	
Bailey, Timothy P., Librarian II and Systems Librarian .....	2000
B.A.; M.L.I.S., University of Alabama	
Baine, Breuna K., Associate Professor of Fine Arts .....	2005
B.F.A., Savannah College of Art and Design; M.F.A., Auburn University	
Banning, Kevin C., Head, Department of Management and Associate Professor of Management .....	1997
B.S., Indiana University; Ph.D., University of Florida	
Bates, Jeffrey H., Lecturer of Economics .....	2012
B.B.A., University of Montevallo; M.B.A., Auburn University at Montgomery	

- Belche, Abush G., Assistant Professor of Accounting ..... 2008  
B.A., Addis Ababa University; M.B.A., University of Arizona
- Benson, Mark, Head, Department of Fine Arts and  
Associate Professor of Music ..... 1988  
B.Mus., M.Mus., Miami University;  
Ph.D., University of California at Los Angeles
- Best, Rickey D., Librarian III ..... 1986  
B.A., M.A., University of California, Riverside;  
M.L.I.S., University of California at Berkeley
- Beuk, Donna, Assistant Professor of Nursing.....2010  
B.S.N, University of Mobile; M.S.N, University of Mobile
- Bhuiyan, Serajul, Head, Department of Communication and Dramatic Arts  
and Professor of Communication ..... 2008  
M.S., Bangladesh Agricultural University;  
M.B.A., Texas A&M University-Texarkana;  
Ph.D. University of Wisconsin-Madison
- Bicard, Sara E., Associate Professor of Education.....2011  
B.S., University of Southern Mississippi; M.Ed., University of Southern  
Mississippi; Ph.D., Ohio State University
- Bourke, Nicholas F., Assistant Professor of Education ..... 2011  
B.S., M.S., Auburn University; Ed.D. University of Alabama
- Bowden, Shelly J., Professor of Education and  
Distinguished Teaching Professor ..... 1996  
B.S., Morehead State University; M.S., Troy State University;  
Ph.D., Florida State University
- Brackett, Kimberly P., Head, Department of Sociology and Associate Professor  
of Sociology; Distinguished Teaching Professor..... 1996  
B.S., Jacksonville University; M.A., Ph.D., University of Florida
- Broussard, Jessica, Assistant Professor of Education.....2011  
B.S., Temple University; M.Ed., University of Idaho;  
Ph.D., Louisiana State University
- Brown, Jennifer, Professor of Education ..... 1976  
B.S., Jacksonville State University; M.A., Ed.D., University of Alabama
- Brown, Scott, Associate Professor of Mathematics ..... 2003  
B.A., West Virginia University; M.A., Pepperdine University;  
M.Ed., Ph.D., Auburn University
- Brown, Sidney L., Associate Professor of Counselor, Leadership and Special  
Education ..... 2011  
B.S., Tuskegee University; Ph.D., Iowa State University of Science and  
Technology
- Buchanan, Burton P., Assistant Professor of Communication..... 2008  
B.A., Auburn University at Montgomery; M.S., Troy State University;  
Ph.D., University of Southern Mississippi

- Bulman, Jan K., Associate Professor of History ..... 2003  
 B.A., Oakland University; M.A., Ph.D., Michigan State University
- Burger, Michael, Dean, School of Liberal Arts and  
 Professor of History ..... 2009  
 B.A., Michigan State University;  
 M.A., Ph.D., University of California, Santa Barbara
- Burks, Brooke A., Assistant Professor of Education ..... 2011  
 B.A., Tuskegee University; M.Ed., Ph.D., Auburn University
- Buskist, Connie, Associate Professor of Education ..... 2005  
 B.S., Brigham Young University; M.Ed., Ph.D., Auburn University
- Byron, Sharri, Assistant Professor of Economics ..... 2009  
 B.S., M.S., University of the West Indies; Ph.D., University of Georgia
- Carpenter, Laura B., Professor of Education;  
 Distinguished Teaching Professor ..... 1999  
 B.A., Huntingdon College; M.S., Troy University;  
 Ed.D., University of Alabama
- Chapman, Larry F., Associate Professor of Education and  
 Head Coach, Men's Basketball, Athletics ..... 1977  
 B.S., M.Ed., Auburn University
- Clark, Joy, Interim Associate Provost for Undergraduate Studies and  
 Professor of Economics ..... 1988  
 B.S., M.S., Auburn University; Ph.D., Texas A&M University
- Cobb, Aaron, D., Assistant Professor of Philosophy ..... 2010  
 B.A., Greenville College; M.A., Western Michigan University;  
 Ph.D., Saint Louis University
- Cueva-Parra, Luis Albert, Associate Professor of Mathematics ..... 2004  
 B.S., Catholic University of Peru; M.S., University of  
 Kaiserslauteru; Ph.D., University of Southern Mississippi
- Darrat, Mahmoud, Assistant Professor of Marketing ..... 2010  
 B.S., M.B.A., D.B.A., Louisiana Tech University
- Davis-Maye, Denise, Associate Professor, Sociology ..... 2009  
 B.A., Clark Atlanta University;  
 M.S.W., Ph.D., University of Alabama
- Deal, Keren H., Associate Dean, Business, and Professor of Accounting ..... 2000  
 B.S., M.B.A., Auburn University at Montgomery;  
 Ph.D., Auburn University; C.P.A.
- Dennard, Linda F., Professor of Political Science and  
 Public Administration ..... 2006  
 B.A., University of Idaho; M.P.A., New Mexico State University;  
 Ph.D., Virginia Polytechnic Institute and State University
- Deravi, M. Keivan, Professor of Economics ..... 1985  
 B.A., University of Teheran; M.B.A., Tarlton State University;  
 Ph.D., Oklahoma State University

- Djamba, Yanyi, Director, Center for Demographics and Cultural Research,  
and Professor of Sociology..... 2007  
B.S., Université de Kinshasa (D.R. Congo);  
M.A., Ph.D., Louisiana State University
- Duarte, Neville, Professor of Management ..... 1989  
B.A., M.A., LL.B., University of Bombay; Ph.D., University of Florida
- Dugan, Kathy, Instructor of Biology/Medical Laboratory Science .....2012  
B.S., M.Ed., M.T.(A.S.C.P.), Auburn University at Montgomery
- Duenas, Gilbert, Assistant Professor of Education..... 2011  
B.S., University of Maryland; M.Ed., Auburn University at Montgomery;  
Ph.D., Auburn University
- 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., Associate Professor of Education ..... 2007  
B.S., M.Ed., Auburn University at Montgomery; Ph.D., Auburn University
- Evans, Robert C., Professor of English ..... 1982  
B.A., University of Pittsburgh; Ph.D., Princeton University
- Farrow, Lee A., Associate Dean, Liberal Arts, and Associate Professor of  
History and Distinguished Teaching Professor ..... 1999  
B.A., University of New Orleans; M.A., Ph.D., Tulane University
- Farrow, Lucy, Dean of the Library, Librarian III and Coordinator, Government  
Documents .....2002  
B.A., Judson College; M.L.S., University of Alabama
- 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
- Fenn, William, Assistant Professor of Fine Arts .....2011  
B.A., California State University, Fresno  
M.F.A., University of California, Santa Barbara
- Feltmate, David S., Assistant Professor of Sociology..... 2011  
B.A., St. Thomas University; M.A., Wilfrid Laurier University  
Ph.D., University of Waterloo
- Fitzsimmons, Michael P., Professor of History..... 1985  
B.A., Belmont Abbey College; M.A., Ph.D., University of North Carolina
- Flynt, Samuel W., Dean, School of Education and  
Professor of Education..... 1987  
B.S., M.Ed., University of South Alabama; Ed.D., Auburn University
- Freeman, Julie, Assistant Professor of Nursing ..... 2011  
B.S.N., Auburn Montgomery; M.S.N., University of South Alabama;  
D.N.P., University of South Alabama

- Funches, Venessa, Head, Department of Marketing and Associate Professor of Marketing .....2006  
B.S.M., Tulane University; M.B.A., University of Alabama at Birmingham; Ph.D., University of Alabama
- Gantt, John T., Librarian II..... 2007  
B.A., University of North Carolina Chapel Hill;  
M.L.S., Wayne State University
- 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, 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., Professor of History..... 1997  
B.A., Northwestern University; A.M., Ph.D., Stanford University
- Good, Jennifer, Associate Professor of Education ..... 2009  
B.A., William & Mary; M.A., George Washington University; Ph.D., Auburn University
- Goodson, Jane R., Professor of Management ..... 1986  
B.S., M.S., Ph.D., University of Alabama
- 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., Assistant Clinical Professor of Education ..... 2006  
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 Accounting..... 2006  
B.S., M.S., Chonnam National University; M.B.A., University of Missouri; Ph.D., University of Alabama
- Hairstans, Andrew, Associate 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, Marc A., Associate Professor of Management..... 1987  
B.S., University of Montevallo; J.D., Cumberland School of Law



Hall, Rosine, Associate Dean, School of Science and Professor of Biology .....	1996
B.A., Rice University; M.S., Yale University; Ph.D., Rice University	
Hamilton, Cam A., Assistant Professor of Nursing .....	2006
B.S.N., Auburn University at Montgomery; M.S.N., Troy University Ph.D., Auburn University	
Hard, Paul, Associate Professor of Education .....	2007
B.S., University of Mobile; M.A., Ph.D., University of Alabama	
Harper, Bridgette D., Associate Professor of Psychology .....	2006
B.A., M.A., Western Kentucky University; Ph.D., University of Texas at Dallas	
Harris-Fain, Darren, Chair, Department of English and Philosophy and Professor of English.....	2011
B.A., Ohio University; M.A., Ph.D., Kent State 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	
Havard, John, Assistant Professor of English.....	2012
B.A., University of South Alabama; M.A., University of South Carolina; Ph.D., University of Rochester.	
Henderson, Timothy J., Chair, Department of History and 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., Samford University; M.Ed., Troy University Montgomery; Ph.D., Auburn University	
Hollingsworth, Danny P., Head, Department of Accounting, and Professor of Accounting .....	2012
B.S., M.B.A., Mississippi State University; D.B.A., Memphis State University; CPA	
Huang, Cheng-Chi, Associate Professor of Mathematics .....	1984
B.S., Taiwan Normal University; M.S., Auburn University; Ph.D., Iowa State University	
Ingram, Rhea, Dean, School of Business, 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 and Department Head, Justice and Public Safety .....	2000
B.A., California State Polytechnic University; M.S., California Lutheran University; D.P.A., Nova Southeastern University	
Jensen, Suzanne, Associate Professor of Fine Arts.....	1987
B.F.A., Indiana State University; M.F.A., Tulane University	
Johnson, Brian E., Assistant Professor of Geography .....	2011
B.S., M.A., Ph.D, Indiana University;	

- Johnson, Kimberly, Associate Professor of Management..... 2005  
B.S., Tennessee State University; M.S., Ph.D., 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
- Jones, Kathy W., Assistant Professor of Biology/  
Medical Laboratory Science ..... 2005  
B.S., M.S., Troy University;  
M.L.S. (A.S.C.P.), St. Margaret's Hospital
- 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
- 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
- Kamnikar, 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
- Kelley, 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
- Kim, Duk K. "Daniel," Associate Professor of Physical Sciences .....2006  
B.S., M.S., Yonsei University; PhD., Florida International University
- Klevay, Robert, Assistant Professor of English.....2009  
B.A., Hillsdale College; M.A., Ph.D., University of Delaware
- Kneip, Jason, Librarian II and Archivist/Special Collections Librarian ..... 2003  
B.A., Michigan State University; M.L.I.S., Wayne State University
- Knigge, Pia A., Assistant Professor of Political Science and  
Public Administration ..... 1997  
M.A., Bamberg University (Germany); Ph.D., University of Kentucky
- Krawczynski, Keith, Associate Professor of History..... 2000  
B.A., University of Texas-San Antonio; M.A., Baylor University;  
Ph.D., University of South Carolina
- Kroft, Tim L., Assistant Professor of Biology.....2012  
B.A., Miami University; Ph.D. Northwestern University

- Lan, Yuexing “Simon”, Associate Professor of Economics ..... 2007  
 B.A., South Central University for Nationalities, China;  
 Ph.D., Southern Illinois University Carbondale
- Lang, Teresa, Associate Professor of Accounting ..... 2011  
 B.S., University of Florida; M.A., Ph.D., Auburn University
- Lange, David R., Professor of Finance ..... 1990  
 B.S., Northern Kentucky University; M.A., D.B.A., University of Kentucky
- Langham, Ginny, Assistant Professor of Nursing ..... 2009  
 B.S.N., Auburn University at Montgomery;  
 M.S.N., University of South Alabama
- 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, Timothy, Assistant Professor of Education ..... 2011  
 B.S., Auburn University; M.A., Ph.D., University of Alabama
- Ligeon, Carel, Head, Department of Economics and Finance, and 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
- Lingamfelter, Heidi, Assistant Professor of Fine Arts ..... 2011  
 B.F.A., Texas Christian University  
 M.A., M.F.A., University of Dallas
- 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
- Lucy-Bouler, Thomas, Associate Professor of Information Systems  
 and Decision Science ..... 1990  
 B.S., Ph.D., University of Alabama
- 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
- 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
- McKenzie, Nelya J., Acting Head, Communication, and 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
- Moody, Bradley, Acting Head and Associate Professor of Political Science and  
Public Administration ..... 1972  
B.A., Southwest Texas State College; Ph.D., University of Texas
- Moore, Evan C., Associate Dean for Graduate Studies, Business, and Associate  
Professor of Economics ..... 2002  
B.S., Virginia Commonwealth University; M.A.,  
Ph.D., Virginia Polytechnic Institute and State University
- Morris, Arlene H., Professor of Nursing ..... 1997  
B.S.N., Harding University; M.S.N., Troy University; Ed.D., Auburn  
University
- Morton, Rhonda Collins, Associate Dean/Graduate Coordinator, School of  
Education and Professor of Education;  
Distinguished Teaching Professor ..... 1991  
B.S., M.Ed., College of Charleston; Ph.D., Florida State 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
- Newschwander, Gregg E., Dean, School of Nursing, and  
Professor of Nursing ..... 2010  
B.S., Rutgers University; M.S., University of Colorado;  
Ph.D., Marquette University
- Nobles, Donald G., Director, University Honors Program, and  
Associate Professor of Communication ..... 1989  
A.B., M.A., University of Alabama
- Ogburn, Amy, Associate Professor of Speech/Language  
Pathology and Audiology ..... 2004  
B.S., Auburn University; Ph.D., University of South Alabama
- Okeke, Benedict C., Professor of Biology ..... 2005  
B.S., University of Nigeria; M.S., Ph.D., University of Strathclyde
- Okia, Nathan O., Professor of Biology ..... 1979  
Dip.Ed., Makerere University College; A.B., M.A., Ph.D., Indiana University
- Olson, Michele Scharff, Professor of Education and  
Distinguished Research and Teaching Professor ..... 1995  
B.A., Huntingdon College; M.Ed., Ph.D., Auburn University

- Parenteau, Stacy C., Assistant Professor of Psychology.....2012  
B.A., University of Massachusetts; M.A., Ph.D., University of Kansas
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