The curricula, course descriptions, and academic policies and procedures appearing in this catalogue are subject to change without prior notice to individual students. Students can be provided with information on changes by contacting the Office of the Provost.

The University of West Alabama does not discriminate on the basis of race, color, national origin, gender, religion, age, disability or sexual orientation in employment or the provision of services.
Fall Semester 2009
August 12  New Faculty Orientation
August 13  General Faculty/Staff Meeting
August 14  Orientation & Registration
August 17  Classes commence at 8:00 a.m. First meeting of evening graduate classes. $20 late registration fee in effect.
August 21  Last day of adding courses. Last day for 80% refund of basic tuition and fees.
August 28  $20 deferment fee added to all accounts not paid in full by 3:15 p.m. Last day for 50% refund of basic tuition and fees. Last day for dropping courses or withdrawing without 100% fees due.
September 7  Labor Day Holiday
October 9  Last day for dropping courses or withdrawing without academic penalty
October 16  Last day for filing application for a degree to be completed at end of Spring Semester. Applications for degree received after this date will incur a $25 late fee.
October 20  Assessment Day
October 30  Last day for final payment of deferred fees without $20 penalty.
November 2-10  Pre-registration by appointment for the Spring Semester
November 23-27  Thanksgiving Holidays
November 30  Classes resume at 8:00 a.m.
December 3  Last day of classes
December 4-10  Final Examinations
December 12  Fall Commencement

Spring Semester 2010
January 8  Registration
January 11  Classes commence at 8:00 a.m. First meeting of evening graduate classes. $20 late registration fee in effect.
January 15  Last day for adding courses. Last day for 80% refund of basic tuition and fees.
January 18  Martin Luther King Holiday (Evening classes do not meet.)
January 22  $20 deferment fee added to all accounts not paid in full by 3:15 p.m. Last day for 50% refund of basic tuition and fees. Last day for dropping courses or withdrawing without 100% fees due.
March 5  Last day for dropping courses or withdrawing without academic penalty
March 12  Last day for filing application for a degree to be completed at end of Summer Semester. Applications for degree received after this date will incur a $25 late fee.
March 16  Assessment Day
March 17 - 26  Pre-registration for the Summer and Fall Semesters
March 24  Honor’s Day
March 26  Last day for final payment of deferred fees without $20 penalty.
March 29 - April 2  Spring Break
April 5  Classes resume at 8:00 am
April 29  Last day of classes
April 30 - May 6  Final Examinations
May 8  Spring Commencement

**Summer Semester 2010**

May 28  Registration for all three summer sessions
June 1  Classes commence at 8:00 a.m. for the first 4-week session and the 8-week session. First meeting of evening graduate classes. $20 late registration fee in effect.
June 3  Last day for adding courses for first 4-week session. Last day for 80% refund of basic tuition and fees (first 4-week session).
June 7  Last day for adding courses for full 8-week session. Last day for 80% refund of basic tuition and fees (8-week session).
June 8  Last day for 50% refund of basic tuition and fees (first 4-week session). Last day for dropping courses or withdrawing without 100% fees due (first 4-week session)
June 14  $20 deferment fee added to all accounts not paid in full by 3:15 p.m. Last day for 50% refund of basic tuition and fees (8-week session). Last day for dropping courses or withdrawing without 100% fees due (8-week session). Last day for withdrawing during first 4-week session without academic penalty.
June 30  Last day for dropping courses or withdrawing during 8-week session without academic penalty
July 1  Last day of classes for first 4-week session
July 2  Classes commence at 8:00 a.m. for second 4-week session.
July 5  Independence Day Holiday
July 7  Last day for adding courses for second 4-week session. Last day for 80% refund of basic tuition and fees (second 4-week session).
July 12  Last day for 50% refund of basic tuition fees (second 4-week session). Last day for dropping courses or withdrawing without 100% fees due (second 4-week session).
July 12-16  Pre-registration by appointment for the Fall Semester
July 14  Last day for withdrawing during second 4-week session without academic penalty. Last day for final payment of deferred fees without $20 penalty.
July 16  Orientation Registration (Classes do not meet)
July 23  Last day for filing application for a degree to be completed at end of Fall Semester. Applications for degree received after this date will incur a $25 late fee.
August 2  Last day of classes for 8-week session
August 5  Last day of classes for second 4-week session
August 3-5  Final Examinations for 8-week session classes

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In 1939, just as today, the University library, located then on the second floor of Bibb Graves Hall, proved to be a favorite gathering place for students before midterm and final exams.
I. GENERAL INFORMATION

AN INTRODUCTION

LOCATION

The University of West Alabama is located in Livingston, Alabama, the county seat of Sumter County, on Interstate Highways 20 and 59, United States Highway 11, and Alabama Highway 28. It is 116 miles southwest of Birmingham, 130 miles west of Montgomery, and 37 miles east of Meridian, Mississippi.

HISTORY

The University of West Alabama was chartered in 1835 as a church-related female academy and admitted its first students in 1839. After difficult times during the Civil War and Reconstruction periods, the school reopened in the late 1860s or early 1870s. Although it appears that a few male students were admitted following the reopening, a resolution by the Board of Trustees in 1876 excluded boys, and this policy was followed until the beginning of the 20th century.

From 1881 to 1910 the school at Livingston was under the direction of the noted educator and reformer Julia Tutwiler, who succeeded in getting a small appropriation from the State Legislature in 1883 to establish normal school training for girls at Livingston Female Academy. According to statements in the University archives, this is believed to be the first State appropriation in Alabama made exclusively for the education of women. The first normal school diplomas were granted in 1886.

Livingston Female Academy and State Normal College continued as a private institution with some State support until 1907, when the State assumed full control. It remained under its own board of trustees, however, until the Legislature created a State Board of Trustees for all the normal schools in 1911. In 1919 this board was abolished and all state normal schools were placed under the supervision of the State Board of Education. During these early years the school offered both secondary education and normal school programs for the training of teachers.

Dr. G. W. Brock succeeded Miss Tutwiler as President in 1910, and under his tenure of more than a quarter of a century, the institution continued to grow and develop. Presidents since Dr. Brock have been as follows:

1936-1944     Dr. N. F. Greenhill
1944-1954     Dr. W. W. Hill
1954-1963     Dr. D. P. Culp
1963-1972     Dr. John E. Deloney
1972-1973     Dr. Ralph M. Lyon (Acting President)
1973-1993     Dr. Asa N. Green
1993-1994     Dr. James Bob Drake (Interim President)
1994-1998     Dr. Donald C. Hines
1998-2002     Dr. Ed D. Roach
2002-         Dr. Richard D. Holland

In 1929 the school at Livingston became State Teachers College, Livingston, Alabama, with authority to confer the degree of Bachelor of Science. The Bachelor of Arts degree was authorized in 1947. Although the institution had begun accepting male students soon after 1900, the student body remained predominantly female through the 1950s.

In 1957 the name was again changed by an act of Legislature — this time to Livingston State College — and the following year the mission of the institution was
broadened when the Graduate Division was established and the College was authorized to confer master’s degrees in the field of professional education. In 1967 an act of the Legislature created Livingston University, with its own Board of Trustees.

In 1995 the institution recognized its broader mission as a regional university serving the educational needs of all the citizens of the area by changing its name to the University of West Alabama.

MISSION STATEMENT

The University of West Alabama is a state-supported, coeducational institution of higher learning governed by a Board of Trustees appointed by the Governor. As a regional institution, the University’s foremost commitment is to meeting the educational needs of the State and particularly of the West Alabama area. Valuing a diverse student population, it also welcomes students from throughout the United States and from other countries.

The primary purpose of the University is to provide opportunities for students to pursue associate, baccalaureate, and master’s degrees in liberal arts, natural sciences and mathematics, preprofessional programs, nursing, technology, business, and education. Additionally, the University will assist its students in developing the important qualities of independent thinking and respect for the ideas of others and in building firm foundations of personal integrity and character in order to realize their quests for a philosophy of life and for self fulfillment. Importance is placed on providing opportunities within the curricula for the development of enhanced skills in critical thinking, communication, leadership, and computer literacy. The University also seeks to provide students opportunities for growth beyond the classroom through a wide range of extracurricular activities, programs, and services and through the maintenance of an environment of cultural and intellectual diversity and through the encouragement of the free exchange of ideas among faculty, administration, and students.

At the University of West Alabama, the emphasis is upon the traditional learner, but the institution is also committed to the concept of lifelong learning and to serving non-traditional students. These include workers in area schools, businesses and industries, governmental agencies, and professional workers. In serving these diverse publics, the institution employs not only traditional means of delivery, but it also seeks to expand its use of innovative technologies, including distance learning, and to networking with other educational institutions and agencies in order to more comprehensively address the needs of its region.

The University seeks to employ a vibrant, talented, and diverse faculty whose members are committed to providing leadership and fostering positive growth throughout West Alabama through research and public service, with primary emphasis on that which meets the educational, social, cultural, and economic needs of the region. In the recruitment and retention of this faculty, as with all members of the University community, the institution, consistent with its academic heritage, maintains an openness to all qualified persons.

ACCREDITATION

The University of West Alabama is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia, Telephone number 404-679-4501) to award the associate, baccalaureate and master’s degrees. This accreditation gives regional and national recognition to credits and degrees earned at the University. The Julia Tutwiler College of Education at The University of West Alabama is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Avenue, NW, Suite 500, Washington, DC 20036, (202) 466-7496. This accreditation covers initial teacher prepara-
tion programs and advanced educator preparation programs, and its Athletic Education Training Program is accredited by the Commission on Accreditation of Allied Health Education Programs. The Associate Degree in Nursing is accredited by the National League for Nursing Accrediting Agency. The University’s College of Business is nationally accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees: the Bachelor of Business Administration degree in Accounting, Business Administration, Computer Information Systems, and Management and the Bachelor of Science degree in Industrial Technology.

UNIVERSITY ORGANIZATION AND ADMINISTRATION

The University of West Alabama operates under a Board of Trustees, appointed by the Governor of the State of Alabama and approved by the State Senate. In addition to the Governor and the State Superintendent of Education, who serve as ex-officio members, there are thirteen members of the Board of Trustees, including two from the Congressional district in which the University is located, one from each of the other districts, and the remaining members appointed from the state at large. The President of the University is the Executive Officer of the Board.

The organization of the University provides six instructional units: the College of Liberal Arts, the College of Natural Sciences and Mathematics, the College of Business, the College of Education, the Division of Nursing, and the School of Graduate Studies. Each College functions with an Academic Council consisting of the Dean, the Department Chairpersons, and two elected members. The Division of Nursing operates under the Chairperson. The Graduate Council supervises the programs of the School of Graduate Studies.

The basic policy of the University is formulated by University committees, most of which have student, as well as faculty, members. The following are now functioning as standing University committees:

- The ADA Compliance Committee
- The Admissions and Appeals Committee
- The Athletic Committee
- The Benevolence Committee
- The Bibb Graves Auditorium Oversight Committee
- The Campus School Steering Committee
- The Commencement Committee
- The Committee on Preservation of University History
- The Deans’ Council
- The Environmental Health and Safety Committee
- The Faculty Colloquium Committee
- The Freshman Studies Committee
- The Graduate Council
- The Honors Day Committee
- The Honors Program Committee
- The Information Technology Committee
- The Institutional Effectiveness Council
- The Insurance Committee
- The International Programs Committee
- The Library Committee
- The Loraine McIlwain Bell Trustee Awards Committee
- The Marketing and Image Committee
- The Orientation Committee
- The President’s Council
- The Research Grants Committee
- The Research Oversight Committee
The Scholarship and Student Assistance Committee
The Social Committee
The Staff Salary Equity Committee
The Student Life Committee
The Student Media Committee
The Student Success Committee
The Teaching Excellence Grants Committee
The University Academic Council
The University Council on Teacher Education
The Web Page Committee
The Written English Proficiency Committee

BUILDINGS AND GROUNDS

ACADEMIC BUILDINGS

BIBBB GRAVES HALL contains classrooms, laboratories, and faculty offices for the College of Education and the College of Natural Sciences and Mathematics. It also has the main auditorium on campus.

BROCK HALL houses the Division of Nursing, the Housing Office and the Upward Bound Program. Facilities for continuing education programs and other meetings are also located in one wing.

LUCILLE FOUST HALL contains classrooms and offices for art and offices for the Athletic Department. The Student Success Center, which houses Counseling, Career Services, and Student Support Services offices, are also located in this building.

PRUITT HALL is the location of the music program and the Physical Education and Athletic Training Department. It contains classrooms, offices, studios, practice rooms, and dressing rooms, as well as the University’s gymnasium.

GUY HUNT TECHNICAL EDUCATION COMPLEX contains classrooms, laboratories, faculty offices and shop facilities for the Technology Division.

The HUNT ANNEX is adjacent to the technology building and contains additional instructional space for the Technology Division. It also houses the Early Intervention Center.

JULIA TUTWILER LIBRARY houses the University’s collection of books, periodicals, and other materials. It contains reading rooms, offices, a workroom, conference rooms, rooms for special materials, computer laboratory, and other facilities.

LURLEEN BURNS WALLACE HALL provides instructional facilities for chemistry, physics, English, foreign languages, history, journalism, the social sciences, speech, theatre, and business. The building also contains a small auditorium.

STUDENT HOUSING

HOOVER APARTMENTS, consisting of two buildings, provide attractive and modern apartments for students who maintain a grade point average of 3.0 or higher. Four students share each apartment.

PATTERSON APARTMENTS provide unfurnished housing for non-traditional students, graduate students, and families.

REED HALL is an honors residence hall for men and women who maintain a grade point average of 3.0 or higher. Preference is given to freshmen students attending the University on a Trustee Scholarship.

SELDEN HALL is a residence hall for women.
SISK HALL is a residence hall for men and women.
SPIETH HALL is a residence hall for men.
STICKNEY HALL is an honors residence hall for men and women who maintain a grade-point average of 3.0 or higher. Preference is given to students attending the University on a Trustee Scholarship and members of the Honors Program.

OTHER BUILDINGS

THE BELL CONFERENCE CENTER is a state-of-the-art conference facility located at the heart of the University’s campus.
KELLY HESTER LAND HALL, formerly known as the Baptist Campus Ministries Building, houses the Division of Educational Outreach, which includes the Center for the Study of the Black Belt and the Department of Continuing Education.
MOON HALL is a complex composed of offices, shops, and a warehouse area for the Physical Plant Department.
THE PRESIDENT’S HOME is a residence for the President of the University and his family.
THE GEORGE C. WALLACE STUDENT UNION provides facilities for student activities and recreation, including an Olympic swimming pool, racketball courts and student weight room. The University Bookstore is also located in the Student Union.
WEBB HALL houses the University’s central administrative offices.
YOUNG HALL is the campus dining facility. In addition to the main dining room and the kitchens, there is a private dining room for special events.
THE ALFA ENVIRONMENTAL HALL is an office, classroom, and research laboratory facility serving the University and the Alabama Onsite Wastewater Training Center.

ATHLETIC AND RECREATIONAL FACILITIES

THE FOOTBALL STADIUM, known as “Tiger Stadium,” is located in a natural bowl behind Foust Hall.
THE HANDBALL COURTS are located adjacent to the Student Union building.
THE DON C. HINES RODEO COMPLEX is located on Country Club Road near Lake LU.
THE JAMES P. HOMER FIELD HOUSE houses facilities for the UWA football program, diagnostic and rehabilitation spaces for the program in athletic training, and classrooms.
LAKE LU is a 54-acre lake on the University campus which provides facilities for swimming, fishing, boating, and picnicking.
PRUITT GYMNASIUM facility houses the Men’s and Women’s Basketball programs as well as the Women’s Volleyball program.
THE SOFTBALL/INTRAMURAL COMPLEX is located on the “Loop” by the Wallace Student Union.
TARTT FIELD is the University baseball field located in the north campus area.
THE HOWARD VAUGHAN TENNIS COMPLEX is located beside the George C. Wallace Student Union Building.
THE GEORGE C. WALLACE STUDENT UNION, with a variety of entertainment/recreational facilities and weight room, is located on the “Loop” near the north end of campus.
FACILITIES AND SERVICES

LIBRARY

The Julia Tutwiler Library contains over 250,000 volumes of books, bound journals, and microforms. The books are classified by the Dewey Decimal Classification System and are available by author, title, and subject through the online public catalog. The Library also provides on-site access to full-text articles in over 5,000 journals through current subscriptions, ProQuest, Searchbank, EBSCOHost, FirstSearch, DIALOG, Project Muse and other online full text databases. The Library also has an extensive archival collection and several special collections of national interest, such as the Ruby Pickens Tartt Collection of Regional Folklore and the Patricia DeMay Collection of Children’s Literature. These materials are housed in the Alabama Room. The Library also houses a state-of-the-art computer laboratory and a Curriculum Laboratory that supports the University’s curriculum, with emphasis on the Teacher Education Program.

INSTITUTIONAL ADVANCEMENT OFFICE

The Institutional Advancement Office is specifically charged with the responsibilities of alumni affairs, legislative liaison, fund-raising, and media relations. Publications of this office include a newspaper and annual magazine that are mailed to all UWA alumni, faculty and staff, and active donors.

BOOKSTORE

The Bookstore, in the George C. Wallace Student Union, is maintained as a convenience to students. University textbooks, stationery, supplies, toilet articles, and other items may be purchased here.

COMPUTER SERVICES

The Department of Information Systems is located in Webb Hall. The primary purpose of Information Systems is to provide computer support to the University community in the areas of administrative systems for processing of University related data, academic systems for access by faculty, staff, and students, support for the University computer network, as well as University-wide access to the Internet. Technology accounts are available to all faculty, staff, and students. Technology accounts include access to Microsoft Exchange email, Blackboard Learning system, campus wireless networking, facilities, Library databases, and much more. Visit http://infosys.uwa.edu for details on UWA’s technology infrastructure.

COMMUNITY SERVICES

The University, from time to time, provides services to schools and community groups in its service area. These include consultative services, workshops, assistance with school institutes, speaker service for community organizations, and special assistance to graduates and former students. These services are coordinated through the Office of the Provost.

ATHLETIC TRAINING AND SPORTS MEDICINE CENTER

The Athletic Training/Sports Medicine Staff and Athletic Training Room are available as a service to the faculty/staff and students. Services included are athletic injury prevention, evaluation, management and referral, treatment, rehabilitation,
and education. These services exist primarily for the varsity athletic program but are available upon request to the University community and students. There is generally no charge for the services unless supplies and equipment are used. Faculty/staff and students desiring the use of these services should make arrangements with the Director of Athletic Training and Sports Medicine or one of the staff athletic trainers. The Athletic Training and Sports Medicine Center is located in Homer Field House 216.

THE SUMTER COUNTY NATURE TRUST
AT THE UNIVERSITY OF WEST ALABAMA

The Sumter County Nature Trust was established in 1985 through a gift from Doctors Ralph and Margaret Lyon, both UWA Professors Emeriti. The Lyons, who lived in Sumter County for over thirty years, chose this avenue as a means of expressing their love for the county, for nature, and for people. The Trust is committed to identifying and preserving the natural resources of Sumter County, informing citizens about such matters, sponsoring environmental education activities, and developing sites where citizens can enjoy and appreciate the environmental treasures of the Black Belt Region. Endowment income provides funds for activities initiated by the Trust, as well as matching grants for individuals and organizations interested in fulfilling the goals of the Trust.

The Trust is administered by a five-member Board of Directors appointed by the UWA Board of Trustees. The Chairperson is a faculty member in the College of Natural Sciences and Mathematics.

SPECIAL ADMINISTRATIVE POLICIES

GENERAL RULES FOR BEHAVIOR

All University students are required to abide by State laws governing the use of State-owned buildings, among which are prohibitions against gambling, use or possession of firearms except under direct supervision of an authorized University instructor, use or possession of alcoholic beverages, and use or possession of fireworks in any University building or on the University campus.

Every UWA student, in addition to complying with regulations fixed by the Board of Trustees for entrance into the University, is expected to conform to such rules as may be established for the well-being of the University community, including, but not limited to, the general rules of behavior set forth in the Student Handbook. Failure to abide by University rules and regulations may result in dismissal.

ADMINISTRATIVE GRIEVANCES

From time to time students may have questions concerning administrative policies or operations. Generally there are logical explanations for situations, and usually most questions can be resolved in an informal manner through discussion with the individual or office involved. In instances where a student raises a question about a policy or decision, the affected staff member should respond constructively explaining the situation as carefully as possible and checking to be sure that no error has been made. If it is not possible to resolve a matter through discussion, a student may appeal for further consideration by voicing the concern to the Office of the Vice President for Student Affairs. Again, in most instances concerns can be resolved through discussion, interaction and possibly intervention on behalf of the VPSA as student ombudsman, but when this is not possible, the student can formalize his appeal in writing to the VPSA and ask for consideration by the Student Life Committee and/or the President to resolve the matter officially.
CAMPUS SECURITY POLICY

UWA fully supports the intent of the Campus Security Act and has taken steps to adhere to its guidelines. In accordance with the Act, the University maintains records on crimes reported and arrests made on intoxication and alcohol related matters. The University also supports pro-active campus policies and programs on alcohol abuse. Results of student disciplinary proceedings are reported to alleged victims. In addition, information on to whom to report a crime, who will respond to the student’s report, campus safety policies and preventive security measures is widely distributed.

For additional information, contact the office of the Chief of Police and Director of Campus Safety.

POLICY ON ACCOMMODATION FOR DISABILITIES

The University of West Alabama strives to make its programs accessible to qualified persons defined as disabled under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. Students who have special needs that require accommodation are responsible for notifying instructors in each course in which they are enrolled and appropriate staff members, who in turn will refer the student to the ADA Compliance Coordinator. Following verification of the student’s status, the ADA Compliance Coordinator will work with the instructor or staff member in implementing an appropriate plan for accommodating the student’s needs. Support documentation of special needs from a physician or other qualified professional will be required if deemed necessary.

For additional information, students should contact the office of the Vice President for Student Affairs, Webb Hall 323, (205) 652-3581.

THE STUDENT RIGHT TO KNOW ACT

UWA recognizes and supports the intent of the Student Right to Know Act. UWA understands, accepts and supports the intent of this act and conforms to its requirements. This information will be available from appropriate University sources. This act was designed to protect student athletes and other students by insuring that they realize the potential for their graduating from college. UWA maintains records on the completion rate of all athletes in comparison with that of the general student population. These records make comparisons by race, gender, and sport. These records will be available upon request and are distributed as widely as possible to all prospective and enrolling students.

POLICY ON SEXUAL HARASSMENT

UWA is committed to providing a working and educational environment for all faculty, staff, and students which is free from sexual harassment.

Sexual harassment is unacceptable behavior and will not be tolerated. It is a form of misconduct that undermines the integrity of the conditions of employment and teaching and of faculty-student relationships.

Unwelcome sexual advances, requests for sexual favors, and/or other verbal or physical conduct or written communication of a sexual nature is sexual harassment when:

1. submission to such conduct is made either explicitly or implicitly a term or condition of an individual’s employment or educational experience;

2. submission to or rejection of such conduct 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, academic performance, participation in University sponsored extracurricular activities, or creating an intimidating, hostile, or offensive working or learning environment.

Sexual harassment takes many forms and includes many kinds of behavior. It is best described as behavior which a reasonable person would find offensive. Sexual harassment may involve behavior by a person of either gender against a person of the same or opposite gender, when that behavior falls within the definition outlined above. Possible examples may include, but are not limited to, the following:

- seeking sexual favors or relationships in return for a promised grade or other academic opportunity; relating an employment opportunity (hiring, promotion, salary increase, performance appraisal, assignment, etc.) to a sexual favor or relationship; repeated and insulting or demeaning statements or gestures related to gender, which unreasonably interfere with the work or academic or extracurricular performance of a student or faculty or staff member; or intentional and undesired physical contact which adversely affects a person’s ability to carry out his or her academic or employment responsibilities.

Sexual harassment is a serious offense and is deeply destructive. Education regarding sexual harassment is a tool in the elimination of this behavior. Therefore, education is provided by the University to ensure that all managers, supervisors, employees and students clearly understand what sexual harassment is and is not, that sexual harassment is illegal and will not be tolerated.

The Provost and all Vice Presidents, Deans, directors, supervisors, and division heads of the University have the responsibility to ensure that employees under their direction are informed of this policy and the duty to ensure that investigation into allegations of sexual harassment occurs. The Vice President of Student Affairs is responsible for providing this information to the student body.

Investigations of complaints of sexual harassment will be conducted as promptly and in as confidential a manner as possible. Appropriate steps will be taken to resolve complaints without fear of reprisal against the individual filing such a complaint. Depending upon the initial contact and the identity of the alleged harasser, the investigation may be conducted by the Provost, the Dean, department head or supervisor. If a complaint is pursued through the Provost and a prima facie case of harassment is found, the Provost may pursue the matter on behalf of the individual. If sexual harassment is determined, corrective action will be taken in accordance with established University policies and procedures. The sanction imposed will depend upon the seriousness of the offense and may range from reprimand to dismissal.

Complaints may be resolved informally by contacting UWA Provost, Webb Hall 102, Livingston, Alabama 35470. Presenting concerns to the Provost does not affect any of the time limits for initiating formal complaint procedures either inside or outside the University.

When informal resolution is not possible, staff, students and faculty may use the various formal complaint procedures the University provides. In addition, staff, students and faculty may use the procedures provided by agencies outside the University, such as the United States Equal Employment Opportunity Commission. The Provost must be notified immediately when a formal allegation of sexual harassment has been raised, regardless of who may subsequently investigate the matter.

There are no other policies of UWA which supersede this policy.
POLICY STATEMENT ON MAINTAINING A DRUG-FREE COMMUNITY AND WORKPLACE

The regulations implementing the Drug-Free Schools and Communities Act Amendments of 1989 [Public Law 101-226] require that each institution receiving federal grant funds must certify, prior to the award, that it will maintain a drug-free workplace and community. UWA, therefore, establishes the following policy standard:

The use of illegal drugs and the abuse of legal medication and alcohol threaten the health and welfare of members of the University community. UWA takes pride in its members and, therefore, is committed to eliminating substance abuse among its students, faculty, and staff members both on and off campus.

UWA hereby notifies all of its employees and students, both full-time and part-time, that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance by an employee or student on the UWA campus, or at any other location where the employee or student is performing official duties or representing UWA, or performing any work pursuant to a federal grant, is prohibited.

The primary objective of the University in the area of substance abuse is prevention. Through the presentation of drug, alcohol, and other health-related educational programs, UWA hopes to inform the campus community of the problems related to substance abuse. Although UWA does not independently require drug-testing of students involved in campus activities, the University supports and agrees to comply with drug-testing requirements of all applicable athletic associations in which membership is held. For student, faculty, and staff members who recognize that an abuse problem exists, counseling and/or referral service will be made available. It is hoped that all substance abuse problems can be handled at the counseling level; however, it is the responsibility of the individual to seek help prior to disciplinary action or criminal apprehension, or prosecution, as well as conduct himself or herself in accordance with federal, state and local law whether or not on the campus of UWA.

The use of illegal drugs will not be tolerated by UWA. Members of the University community apprehended for or convicted of substance abuse will be subject to appropriate University action. Indicators of abuse, such as arrest for driving under the influence of alcohol (DUI) or possession of illegal drugs, will serve as reasonable cause for disciplinary action, whether or not a criminal conviction is ultimately obtained. Those convicted of substance abuse will be subject to disciplinary action and criminal prosecution by the appropriate authorities. Any violation of this policy by an employee or student will render the employee or student subject to disciplinary action (consistent with federal, state or local law) including, but not limited to, expulsion or immediate termination of employment. The University may also require the employee or student to complete a drug rehabilitation program. UWA will fully cooperate with law enforcement authorities in the investigation or prosecution of any criminal violations and may refer any suspected violations to these authorities for prosecution. At all times, members of the University community remain responsible for conducting themselves in accord with federal, state and local law. Substance abuse is counter to the educational mission of UWA. This
policy of prevention, counseling and discipline will serve as a catalyst to discourage abuse by members of the University community.

UWA has implemented a drug-free awareness program. The statement above, setting forth UWA's policy of maintaining a drug-free workplace and community and the penalties that may be imposed upon employees for drug abuse violations occurring in the workplace and community, is a part of this program, but the University also distributes the following annually to all employees:

1. Information on the dangers of drug abuse in the workplace and community;
2. Information on the legal sanctions under local, state, and federal law for unlawful possession, use or distribution of illicit drugs and alcohol;
3. Information on available drug counseling, rehabilitation, and employee assistance programs in the area.

POLICY ON SEXUAL ASSAULT

The University of West Alabama has and will continue an active program of education for its students regarding the dangers of sexual assault. These programs include seminars, educational programs and other activities that are appropriate and effective. This program is supervised by the Office of Student Life and Housing.
Until the 1960s, Webb Hall served as girls’ dormitory, as shown in this 1939 catalogue photograph of a typical college dorm room of the period.
II. STUDENT AFFAIRS

GENERAL INFORMATION

The Division of Student Affairs is that component of the University which deals with student welfare, particularly as it relates to the non-academic areas of the University. The Student Affairs Division is responsible for expanding the extra-curricular environment and creating an atmosphere for students which is conducive to learning and growing. Admissions, Housing, Financial Aid, Student Life, Recreation, and Student Activities are all offices which are included within the Division of Student Affairs. Also included as responsibilities of the Student Affairs area are discipline, residence hall life, student organizations and activities, social events, university calendar, auditorium, Campus Activities Board, and the Student Government Association.

ADMISSIONS OFFICE

The Admissions Office, located on the third floor of Webb Hall, is responsible for the recruitment and admission of all students who enter the University. Admissions staff are available to assist students in the application process and to provide them with support and counseling while seeking admission to UWA. The Admissions Office is open weekdays from 8:00 a.m. to 5:00 p.m., and campus tours are conducted from 9:00 a.m. to 2:00 p.m. each day. Weekend tours are available by appointment only. For further information, write to Office of Admissions, The University of West Alabama, Livingston, AL 35470 or call 1-888-636-8800 or (205) 652-3578. (e-mail: admissions@uwa.edu.)

HOUSING

The Office of Student Housing is located in Brock Hall 121. The Housing staff provides information, guidance, programs, and services for on-campus students. It is the goal of the Housing staff to help students create an environment which is conducive to learning, growth, and development.

FINANCIAL AID OFFICE

The Financial Aid Office, located in Webb Hall 334, awards federal and state funds, monitors on-campus and off-campus scholarships, and assists students with financial planning. Although the majority of the awards are based on financial need as determined by a needs analysis, there are loans available that are not need-based. This office attempts to meet the financial needs of the majority of our students through the packaging of grants, jobs, and loans. The Financial Aid staff is available to provide all students with assistance in all aspects of financial aid, from the application process through the disbursements of funds.

STUDENT LIFE

The Office of Student Life, located in Brock 200, is the coordinating agency for a number of services that the University provides for its students. This office is administered by the Director of Student Life and Housing. Included among the functions of this office are the responsibilities for student housing, student organizations, campus activities, intramural programs, disciplinary matters, social events, and the Student Government Association.
STUDENT HEALTH SERVICE

The University of West Alabama Student Health Service program is operated through an agreement with Dr. W. R. Simpkins, a local physician. Dr. Simpkins maintains office hours at Livingston Clinic, Inc. (Hwy. 11 North) from 9:00 a.m. until noon and from 3:00 p.m. until 5:00 p.m. on Monday, Tuesday, and Thursday. Office hours are also held from 9:00 a.m. until noon on Wednesday and Friday. Students may go to Dr. Simpkins’ office on a “drop-in patients” basis. Students may also make an appointment with Dr. Simpkins by calling 652-2686. As the University physician, Dr. Simpkins sees students regarding routine matters. Neither the University physician nor any other University employee will issue medical excuses for missed classes. In the case of illness, each professor will determine whether to grant an excused absence to a student.

After normal office hours, and in case of emergencies, students needing medical attention should go to Hill Hospital in York. The University will not be able to provide transportation to the hospital, but will arrange for ambulance service, if requested. The student will be responsible for the expense for all hospital services and ambulance transportation, if applicable. On-campus residents should contact a resident assistant or their hall director if there is a medical emergency. The Housing staff member will contact campus police. The campus police officer will determine whether an ambulance should be called.

A student who has family health insurance coverage should be prepared to provide documentation of such coverage in the event he/she requires medical attention other than that provided by the University. Information on insurance coverage for college students is available in the office of the Vice President for Student Affairs, Webb Hall, Room 323.

STUDENT UNION

The George C. Wallace Student Union Building (SUB) provides a television viewing area, study area, conference room, campus post office, bookstore, computer lab, swimming pool, and volleyball and racquetball courts. The downstairs area contains pool tables, ping-pong tables, Wellness Center, and student offices. The SUB is open weekdays from 8:00 am to 10:00 pm.

STUDENT ACTIVITIES

ATHLETIC ACTIVITIES

The University, as a member of the National Collegiate Athletic Association, competes in the Gulf South Conference in varsity athletics for men in football, basketball, baseball, cross country, and tennis. UWA also sponsors a program of varsity athletics for women in volleyball, basketball, softball, cross country, and tennis. The University’s men’s and women’s rodeo teams compete in the National Intercollegiate Rodeo Association. Intramural competition in major and minor sports is provided for the recreation and development of the students. Tournaments are organized and conducted in the various sports.

CONVOCATIONS AND ASSEMBLIES

The administration, the faculty, and the students meet in a University convocation from time to time. The SGA holds campus-wide assemblies during the academic year. Assemblies are also sometimes scheduled by the several Colleges.
THE STUDENT GOVERNMENT ASSOCIATION

The Student Government Association consists of a president, a vice president, a secretary, a business manager, and an attorney general, as well as representatives from the four undergraduate classes and from certain student organizations. Representing the interests of the students, it promotes activities that improve and enrich the life of the University.

STUDENT ORGANIZATIONS

ACCOUNTING CLUB is an organization for students majoring or minoring in accounting.

ALPHA CHI is a national scholastic honor society for men and women who have excelled in their academic pursuits.

ALPHA DELTA KAPPA is an international honor society for women educators, united in the common goals of educational excellence, altruism, and world-wide understanding.

ALPHA KAPPA ALPHA is a national social sorority.

ALPHA PHI ALPHA is a national social fraternity.

ALPHA PHI OMEGA is a national co-ed service fraternity.

ALPHA PSI OMEGA is a national dramatics honor fraternity which recognizes individual students for their outstanding contributions to UWA Theatre, either on-stage or back-stage.

ALPHA SIGMA ALPHA is a national social sorority.

ALPHA SIGMA TAU is a national social sorority.

AMERICAN CHEMICAL SOCIETY, STUDENT AffILIATE is a national organization to inform students of the opportunities for professional chemists in business, industry, government and education.

THE ASSOCIATION OF INFORMATION TECHNOLOGY PROFESSIONALS (AITP) is a professional organization for students in business and other related pre-professional fields.

The UWA BAND is an organization open to all interested students who play an instrument, regardless of major. The band performs two concerts each year and at athletic and others student events. They perform a variety of types and styles of music from jazz charts, marching band arrangements, pep band arrangements, pep band and concert band.

THE BAPTIST STUDENT UNION is the active religious organization on campus supported by the Baptists of Alabama.

BETA BETA BETA is a national honor society for students dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research.

BLUE KEY NATIONAL HONOR FRATERNITY recognizes men and women for leadership in extra-curricular and academic affairs. Those eligible for election to membership are outstanding juniors, seniors, graduate students, and, under certain conditions, sophomores.

CAMPUS ACTIVITIES BOARD is the University’s programming board. The board consists of student volunteers who provide a wide variety of entertainment programs for the University community.
CARDINAL KEY NATIONAL HONOR SOCIETY is an organization for men and women of at least junior status who are leaders in the University community and who are deemed potential leaders in the future.

THE CONCERT CHOIR gives students an opportunity to develop their singing abilities. Concerts are presented in the University community, and tours are made to towns and cities in the area.

DELTA MU DELTA is a national honor society in business.

DELTA SIGMA PI is a professional fraternity organized to foster the study of business.

DELTA SIGMA THETA is a national social sorority.

THE FELLOWSHIP OF CHRISTIAN ATHLETES brings together UWA athletes from all sports.

THE INTERFRATERNITY COUNCIL, composed of representatives from each of the social fraternities on the campus, coordinates the various activities of the fraternities under the general supervision of the Vice President for Student Affairs.

IOTA TAU ALPHA is a national athletic training education honor society committed to stimulating interest, scholarship, and promotion of athletic training education.

IRA D. PRUITT STUDENT NURSES’ ASSOCIATION is an organization of students in the nursing program. It is a chapter of the National Student Nurses’ Association.

KAPPA ALPHA PSI is a national social fraternity.

KAPPA DELTA PI is an international honor society in education.

KAPPA MU EPSILON is a national honor society for mathematics that recognizes students who excel in mathematics and encourages them in their efforts to achieve in mathematics.

THE “L” CLUB consists of students who have earned letters in intercollegiate athletics.

THE JAZZ BAND is devoted to music of the popular variety. In addition to providing students with experience in playing this type of music, the Jazz Band plays at concerts, both on the campus and off.

THE LIFE is the University newspaper published weekly by students.

THE MARKETING CLUB is an organization which extends membership to all students interested in marketing related activities.

THE MASONIC CLUB is a local organization who extends membership to all Master Masons and Eastern Stars that are in good standing with their Lodges or Chapters.

MATH CLUB is an organization for students majoring or minoring in mathematics or mathematics education.

MATHEMATICS ASSOCIATION OF AMERICA, STUDENT CHAPTER is a national organization to promote mathematics and mathematics education.

OMICRON DELTA KAPPA is a national honor society which has as its purpose the recognition and promotion of leadership of exceptional quality and versatility.

THE PANHELLENIC COUNCIL is an organization of sorority women whose purpose is to promote friendly cooperation among all national sororities.

THE PAN-HELLENIC COUNCIL is an organization of sororities and fraternities whose purpose is to foster cooperative actions of its members in dealing with matters of mutual concern.

THE PARAGON is the University yearbook. It is published by a student staff with the advice and assistance of members of the faculty and staff.

PHI ALPHA THETA is an international honor society in history that exists to promote the study of history through the encouragement of scholarship, good teaching, research, and publications and to bring students, scholars, and writers together, intellectually and socially, to promote the fruitful exchange of ideas.
PHI BETA SIGMA is a national social fraternity.
PHI ETA SIGMA is a freshman honor society.
PHI KAPPA PHI is the oldest and most selective honor society in the United States that recognizes excellence in all academic disciplines.
PHI MU is a national social sorority.
PI KAPPA PHI is a national social fraternity.
PSI CHI is a national honor society in psychology that promotes excellence in scholarship and advancement of the science of psychology.
THE SCIENCE AND MATHEMATICS SOCIETY sponsors activities designed to stimulate interest, scholarly attainment, and investigation in the sciences and to promote the dissemination of information and new interpretations among students.
SIGMA PI is a national social fraternity.
SIGMA TAU DELTA is an international honor society which recognizes superior levels of achievement in languages and literature and engages in a variety of activities that promote and support literary studies.
THE SPORTS MEDICINE CLUB is a student organization that sponsors activities designed to stimulate interest, scholarly attainment, and investigation in the field of sports medicine and to promote the dissemination of information among students.
STUDENTS IN FREE ENTERPRISE (SIFE) is a business sponsored organization which extends membership to all students interested in community oriented service projects.
TAU KAPPA EPSILON is a national social fraternity.
THE UNIVERSITY SINGERS is a small auditioned group that performs a variety of styles of music throughout the academic year.
UPSLON PI EPSILON is an international honor society in the computing and information disciplines.
THE UWA THEATRE presents two major productions each year and affords all UWA students an opportunity to participate in all areas of theatrical productions. All students, regardless of major, may participate in UWA Theatre productions.
THE WESLEY FELLOWSHIP is a student religious group sponsored by the UWA Wesley Foundation and the United Methodist churches of the Alabama-West Florida Conference.
ZETA PHI BETA is a national social sorority.

STUDENT FINANCIAL AID

In an attempt to meet the financial need of qualified students, the University subscribes to the following policies and principles: (1) The purpose of financial aid is to supplement the resources of the student and his/her family; it does not exist to replace these sources of support. The primary responsibility for financing a college education resides with the family, and the family is expected to contribute according to its income and assets to a student’s University expenses. The student is expected to share in this responsibility through savings, summer work, and part-time employment if necessary. (2) In selecting a financial aid recipient, the University considers not only an applicant’s financial need, but also his/her academic achievement and potential, character, and leadership ability. (3) The amount of a financial aid award reflects the financial situation of the student and his/her family and is confidential information which will not be made public by the University.

Financial aid at UWA may consist of a scholarship, a loan, a grant, campus employment, or any combination of these. The Financial Aid Center will attempt to
meet a student’s need through the award or combination of awards most appropriate to the individual applicant.

Specific information on applying for financial assistance may be obtained by writing to the Director of Financial Aid, Station 3, The University of West Alabama, Livingston, Alabama 35470 or access http://financialaid.uwa.edu.

FINANCIAL AID DISBURSEMENT

Title IV Aid and Pell Grants are disbursed once a week. Stafford Loans are disbursed weekly beginning with the second week of the semester. Any refunds generated by Application of Student Financial Aid will be mailed to the student’s local address. Per University policy, refunds must be mailed.

FEDERAL PELL GRANT PROGRAM

A Federal Pell Grant, unlike loans, does not have to be repaid. Generally, Pell Grants are awarded only to undergraduate students who have not earned a bachelor’s or professional degree. (A professional degree is usually earned after earning a bachelor’s degree in a field such as medicine, law, or dentistry.) For many students, Pell Grants provide a foundation of financial aid to which other aid may be added.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM

A Federal Supplemental Educational Opportunity Grant (FSEOG) is for undergraduates with exceptional financial need — that is, students with the lowest Expected Family Contributions (EFCs) — and gives priority to students who receive Federal Pell Grants. An FSEOG does not have to be paid back.

FEDERAL COLLEGE WORK-STUDY PROGRAM

The Federal Work-Study Program provides jobs for undergraduate and graduate students with financial need, allowing them to earn money to help pay education expenses. The program encourages community service work and work related to your course of study.

FEDERAL PERKINS LOAN PROGRAM

A Federal Perkins Loan is a low-interest (5 Percent) loan for both undergraduate and graduate students with exceptional financial need. Your school is your lender. The loan is made with government funds with a share contributed by the school. You must repay this loan to your school.

FEDERAL STAFFORD LOAN PROGRAM

Undergraduate students may borrow up to a maximum of $3,000 per year as freshmen, $4,500 as sophomores, and up to $5,500 as juniors and seniors. There is an unsubsidized Stafford Loan available to students who do not qualify for need-based aid. Subsidized loan repayments do not begin until six months after leaving the University.

How do I apply for a FFEL Stafford Loan?

First, you must complete the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA. After your FAFSA is processed, your school will review the results and will inform you about your general loan eligibility. Next, you must complete the promissory note only if you are a first-time borrower or transfer. The Master Promis-
sory Note, once signed, covers your years at UWA. Remember the promissory note is a legal document requiring you to repay the loan. Read it carefully before you sign.

INSTITUTIONAL SCHOLARSHIP AND LOAN FUNDS

An ever increasing number of individual scholarships and awards are made on an annual basis to deserving students of all classifications who wish to attend UWA. The Trustee Academic and Leadership awards (for high school seniors and junior college transfers) are made on a first-applied, first awarded basis until the funds are depleted and handled solely through the Office of Admissions. Civic, Memorial, and Alumni awards, handled through the Office of Institutional Advancement, can vary from the type of classification of the student, as well as, geographic, academic major, and other restrictions, but all have a deadline of April 15 of each year. UWA Department, Division, or Organization awards are made by applications obtained through the specific individual group overseeing the scholarship and each has various criteria and restrictions applicable to that award. Listed below are scholarships that are open for the upcoming academic year.

The American Sports Medicine Institute’s Academic Scholarship in Sports Medicine
The Chris H. King Scholarship
The Annie Louise Pruitt Nursing Scholarship
The Baldwin Educational Fund Scholarship
The Choctaw County Alumni Chapter Scholarship
The Clemit and Vicki Spruiell Athletic Training Scholarship
The Darryl Hutcheson Technology Memorial Scholarship
The Elizabeth Salina (Lizzie) Stallworth Scholarship Fund
The Estelle Scales Accounting Scholarship
The Gatewood Hatcher Memorial Scholarship
The George W. Skipper Student Fireman Scholarship
The Gladys Mason - Wilcox County Scholarship
The Gordon Bridges - Wilcox County Alumni Scholarship
The Grace Thompson McLain Scholarship
The Howard Holt-Pickens Alumni Chapter Scholarship
The India Lowry Shields (Marengo County) Scholarship
The Ira D. Pruitt Nursing Scholarship
The James Colquitt Languages and Literature Scholarship
The James P. Homer Alumni Scholarship Fund
The Julia S. Tutwiler Scholarship
The Kemp Foundation Scholarship
The Lawrence and Nell Malone Fund
The Louise Sisk McDaris Scholarship
The Marengo County Alumni Scholarship
The Mobile County Alumni Chapter Scholarship
The Pat and Raylene Moore - Band Scholarship
The Pat and Raylene Moore - Nursing Scholarship
The Ralph and Margaret Lyon Scholarship Fund
The Sanders Education Scholarship
The Sarah Bell Cunningham (Sumter County) Scholarship
The Sharon Smith Pafford Memorial Scholarship
The Strachan Stallworth Scholarship
The Sumter County Alumni Scholarship
The Suttles Scholarship
The Tagged for Success Scholarship (Alabama Resident)
The Terman and Martha Sewell Sisk Scholarship
The Thompson Tractor Scholarship
The Tri-County (Jefferson, Shelby, St. Clair Counties) Alumni Chapter Scholarship
The Trustees Academic and Leadership Scholarships
The Tuscaloosa Alumni Chapter Scholarship
The Winton and Naomi Wise Scholarship

ALABAMA STUDENT ASSISTANCE PROGRAM
The Alabama Student Assistance Program is a need-based grant program funded by the federal government and the State of Alabama. It provides grant assistance to needy students who are residents of the State and who are in need of this additional financial help in order to further their education at UWA. The FAFSA serves as the application.

ALABAMA NATIONAL GUARD EDUCATIONAL ASSISTANCE PROGRAM
The Alabama National Guard Educational Assistance Program was established in 1984 by the Alabama Legislature to provide financial assistance to Alabama National Guard members who are residents of Alabama for education at accredited postsecondary institutions within the state. Additional information and applications are available from the commander of each National Guard unit.

POLICE OFFICERS’ AND FIREFIGHTERS’ SURVIVORS’ EDUCATIONAL ASSISTANCE PROGRAM
The Police Officers’ and Firefighters’ Survivors’ Educational Assistance Program is established to provide for tuition assistance and other costs for an undergraduate student who is the dependent child, or spouse who has not remarried, of a law enforcement officer or firefighter killed in the line of duty. Further information and applications may be obtained from Alabama Commission on Higher Education.

VETERANS AND VETERANS’ DEPENDENTS
UWA is an accredited institution under provisions of all the public laws providing educational benefits for qualified veterans and dependents of veterans. The Registrar is UWA’s VA Officer.

SATISFACTORY PROGRESS POLICY FOR FINANCIAL AID
Federal regulations require the University to establish a reasonable academic progress policy which applicants for financial aid must met. The policy must have a qualitative component, a quantitative component, and an overall time frame component. A student must maintain reasonable academic progress regardless of whether or not the student was a previous recipient of financial aid.

Qualitative Measure — The University’s academic standards are the qualitative standards for this policy. Once a student’s quality point deficiency exceeds 29, finan-
cial aid is terminated. Federal Law requires that students maintain a 2.00 grade-point average after two years. Graduates are required to maintain a 3.00 grade-point average as set out in the University’s Graduate Catalogue. This is evaluated at the time of each application.

**Quantitative Measure** — Students must pass 60% of hours attempted at UWA. This is evaluated at the time of each application.

**Time Frame** — Students are no longer eligible to receive Title IV Federal financial aid after attending 6 semesters toward completion of an Associate Degree or 12 semesters toward completion of a first Bachelor’s Degree. Second Bachelor’s Degree students are allowed an additional 6 semesters. Graduate students are allowed a maximum of 6 semesters. Non-Traditional Fifth-Year students are allowed a maximum of 10 semesters. Transfer hours are included in the total hours attempted. This is evaluated at the end of each term.

**Transfers Students** — Students transferring to the University are assumed to be maintaining reasonable progress. Hours transferred from prior schools will be considered in establishing the class standing as well as being considered in determining the overall time frame allowed to receive financial aid. GPAs from transfer colleges will not factor into your cumulative GPA for financial aid.

**Withdrawals** — Students may withdraw from the University one time while on financial aid without penalty. Students who receive financial aid as full-time students and then drop courses have used an entire semester’s eligibility.

**Grades:**
- **Repetitions** — Hours attempted are counted once and the lowest grade is deleted. Non credit hours are not counted in hours attempted. **Incompletes** — The hours attempted are not counted until the incomplete is removed. Incompletes not removed the following semester become an “F” according to the Undergraduate and Graduate Catalogues.

**Appeals** — In order to appeal the loss of eligibility for financial aid because of failure to make reasonable progress under the quantitative, qualitative, or time frame measurers, the following procedure has been established. It is imperative that the student follow the procedure as outline below:

1. Thoroughly read the deficiency notice from Financial Aid.
2. Thoroughly read the Satisfactory Progress Policy for Financial Aid.
3. Download, print and complete the Request for Reinstatement of Financial Aid form. Sign and submit it to Station 4 to be brought before the committee. Attach any documentation, which supports the claim and outline the steps taken to correct the lack of academic performance.
4. Receive a decision from the committee.

**Reinstatement** — Students who lose their financial aid eligibility because of a failure to maintain reasonable progress towards a degree may reapply for financial aid after clearing the deficiency or attaining the minimum GPA.

**Effective Date** — Implementation of this policy shall begin with financial aid awarded for the Fall Semester, 2002.
FINANCIAL INFORMATION

ALL CHARGES, FEES, MEAL TICKETS, DORM RATES, ETC.
SUBJECT TO CHANGE WITHOUT NOTICE.

EXPENSES

The estimated expenses for nine months at UWA are about $9,600. This estimate includes normal academic fees, room and board, and books and supplies, but does not include the student’s personal expenses, which may vary widely, nor does it include special course fees that are required of students in certain fields or other special fees required in particular circumstances.

The normal academic fees for one semester are $2,780. Room and board in a University residence hall is from $2,033 to $2,564 per semester. The Bookstore sells both new and used copies of the textbooks required in courses. The cost of these books varies with the courses taken and depends partly upon whether the student uses new or second-hand books. The average expenditure for books ranges from $300 to $500 each semester. Students should be prepared to purchase books at registration. The University cannot extend credit for such purchases.

BASIC FEES (SUBJECT TO CHANGE WITHOUT NOTICE)

Each undergraduate student who enrolls for more than six semester hours is required to pay basic fees each semester as follows:

- General undergraduate tuition fee - In-State $2,530.00
- Out-of-State tuition fee is two times In-State rate except for the following Mississippi counties which are charged the In-State rate: Clarke, Kemper, Lauderdale, Jasper, Neshoba, Newton, Noxubee, and Winston.
- Union Building fee $55.00
- Activity fee $95.00
- Medical fee $15.00
- Identification Card (required of all students) per semester $10.00
- Information Technology fee (required of all undergraduate students) $60.00
- An undergraduate enrolling for six or less semester hours $40.00

In addition, undergraduate students are required to pay the following fees when applicable:

- Undergraduate credit hour fee (per semester hour) $215.00
  The above fee is required only in the following instances:
  1. Any undergraduate student enrolling for eleven semester hours or less.
  2. Any undergraduate student enrolling for more than the normal load of sixteen semester hours (fee levied on all hours in excess of sixteen.)

- Graduate credit hour fee (per semester hour) $245.00
  The above fee is required on any course taken for graduate credit.

Information Technology fee (required of all graduate students):

- A graduate enrolling for four or less semester hours $40.00
- A graduate enrolling for more than four semester hours $60.00
COURSE FEES

For certain courses, special course fees are required in addition to the basic fees, as follows:

- Accounting 305 ........................................ $55.00
- Athletic Training 101 .................................. $10.00
- Athletic Training 200 .................................. $10.00
- Athletic Training 201 .................................. $10.00
- Athletic Training 300 .................................. $10.00
- Athletic Training 321 .................................. $20.00
- Athletic Training 323 .................................. $20.00
- Athletic Training 325 .................................. $20.00
- Athletic Training 331 .................................. $20.00
- Athletic Training 341 .................................. $20.00
- Athletic Training 410 .................................. $20.00
- Art 100 ................................................ $20.00
- Art 211 ................................................ $20.00
- Art 341 ................................................ $40.00
- Art 342 ................................................ $40.00
- Art 343 ................................................ $40.00
- Art 344 ................................................ $40.00
- Business 271 .......................................... $55.00
- Business 320 .......................................... $55.00
- All Computer Information Systems courses .......... $55.00
- Elementary Education 304 ............................. $30.00
- Education 405 ......................................... $30.00
- Education 435 ......................................... $55.00
- English 099 ........................................... $20.00
- Journalism 240 ....................................... $40.00
- Management 370 ....................................... $55.00
- Management 390 ....................................... $55.00
- Management 400 ....................................... $55.00
- Management 490 ....................................... $55.00
- Marketing 350 ......................................... $55.00
- Music, applied courses: ................................ $45.00 per course
- NS 101 ................................................ $100.00
- All Nursing courses (except 101 - testing and lab fee) . $72.00 per course
- Physical Education activity courses (PE 100 - PE 126) .......... $10.00
- Physical Education 130 ................................ $250.00
- Physical Education 131 ................................ $250.00
- Physical Education 250 ................................ $15.00
- Physical Education 373 ................................ $10.00
- Physical Education 410 ................................ $20.00
- Physical Education 444 ................................ $10.00
- Physical Education 451 ................................ $10.00
Laboratory courses in Biology, Chemistry, Earth Science, Environmental Sciences, Geology, Mathematics, and Physics ............. $55.00 per course

NOTE: Course fees may be changed or additional fees may be added during the academic year. Students taking HR 307 and HR 407 in areas of science or mathematics will have a lab fee of $55.00 attached to these courses as designated by the Dean.

SPECIAL FEES

Certain special fees are required as follows:

- Application Fee for U.S. Citizens .................................. $50.00
  (Required of all new undergraduate and graduate applicants for admission — not refundable)
- Auditing Fee (per course) ........................................ $40.00
  (In addition to special course fee as required. NOTE: The audit fee is waived for senior citizens of Alabama—those 55 or over.)
- Late Registration Fee ........................................... $20.00
  (Charged to all students who enroll after classes begin)
- Deferment Fee ................................................. $20.00
  (Charged to all students making fee payments on installment basis—See “Payments” section below)
- Late Payment Fee .............................................. $20.00
  (Charged to all students who fail to keep their University accounts current as specified in the catalogue)
- Change of Course Fee (per course change) ...................... $20.00
- Graduation Fee (See Graduation Fee Policy below.)
  - Associate or Bachelor’s Degree ................................. $40.00
  - Master’s Degree ............................................. $50.00
- University Yearbook Charge (Fall and Spring) .................. $15.00
  (Required of all undergraduate students enrolling during the fall and spring semesters, except that when both a husband and wife are students, one pays the regular charge and the other pays only a charge of $1.00.)
Returned Check Handling Charge (per check) ........................................ $30.00
(If a student has two returned checks per academic year, his/her check
cashing privileges may be discontinued.)
Replacement I.D. Cards. .......................................................... $10.00

GRADUATION FEE POLICY

The undergraduate fee is $40.00 and the graduate fee is $50.00 if the student applies
for graduation before the application for graduation deadline has passed (the last
day of pre-registration in any given semester). A late fee of $25.00 will be imposed
on any student applying for graduation after the deadline for applications has passed.
If an undergraduate student applies for graduation on time and then discovers that
he/she will not graduate in the semester he/she applied, $25.00 will automatically roll
over to the next semester. If a graduate student applies for graduation on time and
then discovers that he/she will not graduate in the semester he/she applied, $35.00
will automatically roll over to the next semester.

The graduation fee is payable at the time the application is submitted. Measurements
for caps and gowns are to be made at the UWA Bookstore four weeks prior to gradua-
tion. The fee includes cost of diploma and rental of cap and gown. This fee is required of
all graduates and is not refundable in the event the prospective graduate fails to complete
requirements for a degree or fails to participate in graduation exercises.

PAYMENTS

All University charges for tuition, fees, room and board are due by registration day
of each semester.

All students must pay their charges in full, have approved financial aid to cover all
charges or make payment arrangements by the due date. Any charges incurred other
than those required as a condition of enrollment are due in full prior to registration
confirmation.

Arrangements consist of the following:

1. Pay one third of all charges and have guaranteed financial aid sufficient to cover
   the remaining balance including applicable fees.

2. Establish an approved payment plan through Tuition Management Systems in an
   amount sufficient to cover the account balance including applicable fees.

International students are REQUIRED to pay all charges at the time of registra-
tion. Other students whose accounts in the past have been turned over for collection
also must pay all charges at the time of registration. It is the student’s responsibility
to ensure that fee payments are made on time and in accordance with the policies
set forth in this catalogue. Any student who fails to comply with these policies may
be withdrawn from classes by the University. The University is not responsible for
sending bills or reminders, although statements showing outstanding balances due
may be rendered on occasion. A student may access pertinent information regarding
their student account on line through their WebAdvisor account at any time. Checks
for payment of University charges should be made payable to “UWA”. No student
records will be released by the Registrar’s Office until all University fees, fines and
other obligations are paid in full. ALL STUDENT ACCOUNTS WITH A CREDIT
BALANCE NOT CLAIMED WITHIN ONE YEAR OF GRADUATION OR WITH-
DRAWAL SHALL REVERT TO THE GENERAL FUNDS OF THE UNIVERSITY.

All costs, including attorney’s fees, which are necessary for the collection of any
debt owed to the University, must be paid by the debtor. Questions about charges or
refunds should be addressed to appropriate personnel in the Business Office in a
timely manner.
CHECK CASHING POLICY

Students and faculty desiring to cash checks at the Business Office for personal convenience must make checks payable to “Cash”. Personal checks will be cashed for amounts up to $50.00 for students if their student account with UWA is current. If a student has two returned checks per academic year, his/her check cashing privileges may be discontinued.

Due to the limited amount of cash on hand in the Business Office, work-study checks will be cashed only if the student makes a payment on their student account.

RETURNED CHECK POLICY

UWA will pursue all legal means to collect dishonored checks returned by our bank for any reason. Once a check has been returned to the Business Office, the maker of the check will be notified by mail and be given a reasonable period of time to make the check good. Should the maker decide to ignore this notice, the Business Office will send a second notice. The second notice will be sent by Registered Mail. Should the second notice be ignored, the check and all supporting documentation will submitted to the Bad Check Unit of the District Attorney’s Office for collection. Writing a bad check is a crime in the State of Alabama. Failure to respond to the District Attorney may result in arrest.

HOUSING RESERVATION AND DEPOSIT

A request for a reservation in University housing (residence hall room or apartment) must be accompanied by a deposit of $100.00. Deposits are held to cover the loss of, or damage to, residence hall or apartment property.

A deposit refund may be made when a room or apartment is vacated at the end of the contract period, as outlined in the Residence Hall Agreement. Residents desiring to receive a deposit refund must obtain a Request for Room Deposit Refund form from the Housing Office and turn it in to Brock Hall Room 121. The Housing Staff forwards the form to the Business Office. The Business Office prepares and mails a refund check to the student, provided all fees are paid, or the refund is applied to the student’s account if the account has not been paid in full.

ALL HOUSING DEPOSITS NOT CLAIMED WITHIN ONE YEAR AFTER GRADUATION OR WITHDRAWAL REVERT TO THE GENERAL FUND.

ROOM AND BOARD

The rent on a space is $1,100.00 per semester. The rate for Stickney Hall, which provides efficiency rooms, is $1,460.00 per student per semester. Efficiency rooms in Reed Hall cost $1,630.00 per student, per semester. All rents are based on multiple occupancy and cover only the period in which classes are in session. Limited housing is available during break periods at an additional cost.

All students residing in the residence halls of the University are required to purchase meal plans. The charges for the three meal plans are as follows:

Plan 1: 19 of 19 meals per week .................. $1,073.00 per semester
Plan 2: 14 of 19 meals per week .................. $933.00 per semester
Plan 3: 9 of 19 meals per week .................. $774.00 per semester

Plan 3 is restricted to those students living in Reed and Stickney Hall.
STUDENT APARTMENTS

Located on campus are two apartment complexes for full-time students. The Albert L. Patterson Apartments provide unfurnished housing for non-traditional students, graduate students, and families. Hoover Apartments is an apartment-style residence hall, providing furnished housing for four students in each apartment.

- One-bedroom Patterson Apartment: $1,530.00
- Two-bedroom Patterson Apartment: $2,170.00
- Hoover Apartments (multiple occupancy): $1,790.00

REFUNDS

Regular Session

Students officially withdrawing from the University during the first two weeks of class receive refunds for the Basic Fees as follows: **Eighty percent if withdrawal occurs during the first week (7 calendar days) of classes and fifty percent if withdrawal occurs during the second week (14 calendar days) of classes. No refund is made if withdrawal occurs after the second week of classes. No refunds are made to students who do not follow official procedures for withdrawal or change of course. The information technology fee and the ID card fee are not subject to refund or reduction.**

Refunds are made only upon receipt of an official withdrawal card properly executed. It is the student’s responsibility to ensure that the withdrawal card is completed. In the case of withdrawals caused by personal illness or call into military service, the total amount of fees is refundable if withdrawal is made on or before Friday of the third week of the semester. One-half of the total amount of fees is refunded if withdrawal is made during the period beginning on Monday of the fourth week and ending Friday of the fifth week of classes. Those students withdrawing due to personal illness or call into the military may be asked to submit official documentation in order to receive a reduction in fees.

Recipients of Title IV Federal financial aid are required to have their funds prorated based on the number of weeks of enrollment and is effective through 60% of the semester. All Title IV repayments are charged to the student account and are the responsibility of the student. All such repayments must be satisfied before the student enrolls for another semester.

4-week Summer Session

Students officially withdrawing from the University during the first six days of class receive refunds for the Basic Fees as follows: **Eighty percent if withdrawal occurs during the first three class days of a four-week session and fifty percent if withdrawal occurs on or between the third and sixth class days of a four-week session. No refund is made if withdrawal occurs after the sixth class day of a four-week session. No refunds are made to students who do not follow official procedures for withdrawal or change of course. The information technology fee and the ID card fee are not subject to refund or reduction.**

Refunds are made only upon receipt of an official withdrawal card properly executed. It is the student’s responsibility to ensure that the withdrawal card is completed. In the case of withdrawals caused by personal illness or call into military service, the total amount of fees is refundable if withdrawal is made within the first seven class days of the four-week sessions. One-half of the total amount of fees is refunded if withdrawal is made during the period beginning the eighth class day and ending on the twelfth class day of a four-week session. Those students withdrawing due to personal illness or call into the military may be asked to submit official documentation in order to receive a reduction in fees.
Recipients of Title IV Federal financial aid are required to have their funds prorated based on the number of weeks of enrollment. This proration is effective through 60% of the semester, and examples are available upon request at the Financial Aid Office. All Title IV repayments are charged to the student account and are the responsibility of the student. All such repayments must be satisfied before the student enrolls for another semester.
A favorite tradition of Commencement in 1913 was a class photo taken along Webb Circle. Commencement activities typically lasted several days and featured events such as dramatic readings, art shows, and musical recitals. White dresses were the preferred attire for the event.
III. ACADEMIC INFORMATION

ADMISSION REQUIREMENTS

REGULAR ADMISSION

Beginning Freshmen Who Are Graduates of Accredited Secondary Schools

Graduates of accredited secondary schools, who have graduated with at least a “C” average on all high school work attempted, may be considered for admission to UWA by presenting the following: (1) a high school transcript showing date of graduation and credit for a minimum of fifteen acceptable units, and (2) acceptable scores on either the American College Test (ACT) or Scholastic Aptitude Test (SAT). Such graduates who have a composite ACT score or SAT score which indicates that they can do acceptable work at this institution and who have satisfactory grades in academic subjects in high school may be admitted directly by the Admissions Office.

Individuals who do not meet the general admission requirements for freshmen but who are judged to have potential for success may be approved for conditional admission to the University. An individual interested in conditional admission should contact the Admissions Office.

Beginning Freshmen Who Are Home-Schooled

Applications are welcomed from students who are home-schooled. These individuals must meet the ACT/SAT and grade point average requirements of the general admission policies for beginning freshmen. They must also present certified transcripts of their courses and grades that have been documented by an agency that has been approved by the State Department of Education to operate within the state in which the agency is located. Students who cannot present certified transcripts of their homeschooling must successfully complete the GED.

Persons Who Are Not Graduates of Accredited Secondary Schools

Graduates of non-accredited secondary schools and students who have attended accredited secondary schools for a minimum of three years without graduating may be admitted to the University by examinations if they present evidence that they have completed fifteen acceptable units of high school work and if, in the opinion of the Admission and Appeals Committee, they possess the necessary abilities to attend college effectively and acceptably.

Veterans and mature adults who do not have the required high school credits but who, in the opinion of the Admission and Appeals Committee, possess the necessary abilities to attend college effectively and acceptably may be admitted to the University by passing the General Education Development Tests with scores satisfactory to the University. Applicants who are not graduates of secondary schools should present ACT scores or SAT scores for consideration with their applications. Such applicants who have acceptable scores on these tests and on other tests which may be required and who have satisfactory grades in academic subjects in high school may be admitted directly by the Admissions Officer. Applications from applicants who fail to meet either of these requirements may be evaluated by the Admission and Appeals Committee to determine acceptability.

EARLY ADMISSION

Students who have completed the eleventh grade of an accredited secondary school, who have exceptionally high grades, who score considerably higher than the minimum score on either the ACT or the SAT tests, and who are considered to pos-
sessed the necessary abilities to attend college effectively and acceptably, may apply for early admission. Such applicants must, upon request of the Admissions Officer, appear personally before the Admission and Appeals Committee. Students who desire a high school diploma after successful completion of their freshman year must make arrangements for the diploma with their high school principal.

NOTE: The functions of a Dean of a College as described in this section in regards to matters pertaining to transfer credit, academic advising, record keeping, and student load are performed in the Division of Nursing by the Chairperson of the Division.

TRANSFER STUDENTS

Students who have attended other colleges and universities may apply for admission to the University, submitting transcripts from all colleges previously attended. Undergraduate transfer applicants must have satisfactory citizenship records at the last institution attended and must be eligible to return to the last institution in which they attended on a full-time basis. Transfer students who have less than twenty semester hours of transferrable academic credit must submit their high school transcript and ACT/SAT scores and must meet the admission requirements for a beginning freshman.

1. *Unconditional Admission* — A transfer student who has earned a combined grade point average of 2.00 (“C” average) or above on all work attempted at all previous institutions attended and who is eligible to return to the last institution he/she attended on a full-time basis will be admitted unconditionally to the University.

2. *Conditional Admission* — A transfer student who has an overall grade point average of less than 2.00 and is eligible to return to the last institution he/she attended on a full-time basis will be admitted to the University on probation. A transfer student admitted on probation must enroll for not less than 12 semester hours commensurate with the course of study in which he/she plans to earn a degree. The student must earn on the work he/she attempts at UWA during his/her first term of attendance the grade point average required for his/her classification according to the University’s probation policy. Failure to meet the required grade point average at the end of his/her first term of attendance will result in the student being placed on “First Academic Suspension” from the University of West Alabama.

**Junior College Transfers.** To facilitate the transition from an Alabama junior college to the four-year programs at UWA, the University cooperates closely with the Alabama Association of Collegiate Registrars and Admissions Officers, an organization of both two-year and four-year institutions, in providing transfer guidance to junior college students. Any junior college student who has questions about transfer credits should talk with the UWA Registrar and/or the appropriate Dean.

TRANSFER CREDIT

Transfer students who are admitted to UWA may present for consideration for transfer credit all courses from accredited institutions which are applicable to their curriculums, provided a grade of “C” or higher was earned in each course. (Also, see “Evaluation of Student Records,” p. 43) Courses in which a grade of “D” was earned may be considered for credit according to the following scale, based upon a 4.00 system:

1. Cumulative quality-point ratio of 2.50 or higher, unlimited.
2. Cumulative quality-point ratio of at least 2.25, a maximum of 9 semester hours.
3. Cumulative quality-point ratio of at least 2.00, a maximum of 6 semester hours.
4. Cumulative quality-point ratio of at least 1.80, a maximum of 3 semester hours.
5. Cumulative quality-point ratio of less than 1.80, no transfer credit allowed for any courses with “D” grades.

When a student is eligible to receive credit by transfer for only a limited number of courses in which he/she made the grade of “D,” the Dean makes the decision on the courses for which credit is to be allowed. This decision is made on the basis of the value of the courses to the student in the proposed program. A student who wishes to receive credit for “D” courses other than those chosen, within the limits of the scale above, should consult with the Dean immediately upon receiving the evaluation of transfer credits. By mutual consent between the Dean and the student, changes in the “D” courses accepted may be made, but only during the student’s first semester in residence. The Dean’s decision in such matters is final.

In determining the eligibility of credits for transfer, the following limitations are placed on some credits:

1. Credits earned at other institutions in compensatory courses are not eligible for transfer.
2. Courses in Written English in which the student made a grade of “D” are not eligible for transfer.
3. Technical or vocational credits are only acceptable for students enrolling in the Bachelor of Technology program. Technical or vocational credits are deleted from transcripts in instances where students have indicated a proposed academic major on their application for admission.
4. Credit awarded by an institution based on an advanced placement program unique to that institution is not transferable.
5. Credits earned for non-academic courses for which credit can be awarded numerous times, such as Forum, Convocation, Orientation, etc. will be limited to only one term of credit.
6. Courses on the semester system that would transfer in less than a full semester hour of credit are generally not acceptable.

Any transfer credit from another college of the university is subject to reevaluation by the Dean of each college within the University to which the student may apply.

**TRANSIENT CREDIT**

Under certain circumstances a student may earn credit toward a degree at UWA on a transient basis from another college or university. A student who is on probation or suspension at UWA is not eligible for transient work. A student who has completed a course at UWA with a grade of “D” or “F” is not eligible to repeat that course on a transient basis at another institution, except under unusual circumstances and with prior approval of the Provost. Also, a student may not earn credit at another institution for a higher-level course in a specific area in which the student has received an unsatisfactory grade in the lower level course in the same area. For example, a student who completes MH 081 at UWA with a grade of “N” or “F” may not earn credit for a higher-level math course at another institution until he/she has satisfied the requirement of MH 081 at UWA. A maximum number of 60 hours can be accepted from a junior college. A student desiring to take transient work should complete the appropriate form for pre-approval in the office of his or her Dean.
INTERNATIONAL STUDENTS

Applications are welcomed from international students who wish to attend UWA. In addition to meeting the regular admission requirements of the University, foreign applicants whose native language is not English must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL). In all cases, regardless of the type of previous training in the English language received outside of the United States, acceptable TOEFL scores must be submitted. Applicants must also file financial statements confirming the availability of sufficient funds to meet all costs while studying at the University.

All international applicants must place in an escrow account with the University a deposit of $500 as a guarantee for any financial emergencies that the student may encounter while enrolled.

All international students are also required to obtain University-approved health and accident insurance for themselves, their spouses, and other family members, if any, immediately upon their acceptance into the University.

AMERICAN COLLEGE TESTING PROGRAM

UWA participates in the American College Testing Program. All prospective students should arrange through their high schools to take the American College Tests before applying for admission. ACT scores are required in evaluating applications for admission and in providing guidance for students. College Entrance Examination Board (SAT) scores may be substituted.

Students with admission test scores below a specified level can only be admitted on the condition that they enter in the summer semester, when they can receive more personalized attention, and that they take required compensatory work during their first semester(s). Other special conditions may also be stipulated with low admission test scores.

NOTICE OF ADMISSION

Formal admission to the University is a prerequisite for overnight presence on the campus and registration for courses. Notice of admission is sent to the applicant after the application and credentials have been filed in the Admissions Office and official action has been taken on the request for admission. Acceptance or rejection of all applications is determined by University officials.

RESERVATIONS FOR UNIVERSITY HOUSING

When a prospective student applies for admission to the University, an application for University housing is sent to him/her. The applicant must then return the application to the Housing Office. The complete application must be accompanied by a check or money order for $100.00 made payable to UWA. It is important to apply for a reservation in University housing as soon as possible after applying for admission to the University.

Rooms are assigned only as space becomes available after the student has (a) applied for admission to the University, (b) paid the housing reservation fee, and (c) submitted the completed housing application to the Housing Office. Rooms are assigned according to the date of the student’s submission of the application for housing. Rooms are not assigned according to the date the student first applies for admission to the University.

UWA reserves the right to change the residence hall assignment of any student or students at any time.
PROCEDURE FOR ENROLLMENT

Applications for admission to the undergraduate Colleges and Divisions of the University should be made at least four weeks prior to the beginning of the semester in which the student wishes to enroll. This is important so that the Registrar may have sufficient time to check references and to hold personal conferences when necessary.

A student who plans to apply for admission to UWA for the first time should proceed as follows:

1. Write to the Director of Admissions of the University requesting information and an application for admission.
2. Complete the application for admission and return it to the Registrar’s Office along with a $50.00 application fee. This fee is required for all new undergraduate applicants and is not refundable or applicable to registration or tuition fees.
3. Request the principal of his/her high school to send a transcript of credits to the Registrar’s Office shortly after completion of the first semester of the senior year.
4. Request that ACT scores or SAT scores be sent to the Registrar’s Office as soon as possible.
5. File a health report on a form furnished by the University.
6. If he/she has attended any other colleges or universities, have an official transcript sent from EVERY institution previously attended and, if requested, schedule a personal conference at UWA.
7. Return the housing application to the Director of Housing if he/she is to live on the campus. The application must be accompanied by a check or money order for $100.00 made payable to UWA. This amount of money is kept as a deposit according to the stipulations under “Housing Reservation and Deposit.”

REGISTRATION

All students must register and pay entrance fees before being admitted to classes. Students are given the opportunity to pre-register for the next semester at specified times. One or more days are provided at the beginning of each semester for pre-registered students to complete registration and for other students to register according to a published schedule. The Provost, the Registrar, and the Deans supervise the registration process, and members of the faculty advise students on their programs of study.

EVALUATION OF STUDENT RECORDS

The Office of the Dean in each College evaluates student records. A student transferring to UWA from another institution must submit official transcripts of ALL college work done elsewhere to the Office of Admissions. The Office of Admissions sends copies of all the student’s transcripts to the appropriate Dean of the College. The Dean evaluates each transcript in terms of programs and requirements at UWA. Among the factors affecting this evaluation are the academic level of the work, the applicability of the courses to the UWA curriculum, the accreditation status of the other institution, and the grades received in each course. Credit for “D” work may be allowed according to the scale for transfer credit. No more than 60 semester hours of credit can be accepted from a junior college, and no credit is allowed in a baccalaureate program for courses taken at a junior college after the student has earned a total of 90 semester hours credit from any institution or combination of institutions, junior
or senior. Transfer credit from a junior college may be accepted for a student in an associate degree program, even though that student has earned a total of 90 semester hours credit. Such credit must be for courses required in the associate degree curriculum and is accepted only with the approval of the Dean of the College in which the student is enrolled. A student who has a total of 60-90 semester hours credit from any institution or combination of institutions may, with prior written approval of his/her Dean, take lower-level courses only (equivalent to courses at UWA which are numbered in the 200 series) at a junior college, provided the work is not to be used in a curriculum area where the student has a quality-point deficiency and provided the student has not previously taken an equivalent course at UWA with a grade of “F” or “D.” A copy of the evaluation form is sent to the Registrar’s Office for the credit to be entered on the permanent record. A second copy is sent directly to the student, and a third copy is filed in the Dean’s Office. A student who has any question about the evaluation of credits should consult the Dean of his/her College immediately after receiving the form.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Advanced standing credit may be earned through CLEP as indicated in the chart below. Credit through subject examinations may not be earned for courses in which previously or currently enrolled, including courses failed in residence, or for courses in which credit already has been earned in course work at a higher level. Also, credit may not be earned through a CLEP subject examination for one or both of a sequence of courses, e.g., history, if one of the courses has been attempted in residence.

CLEP subject examinations may be taken for credit only with the written approval of the Dean of the college in which enrolled. Official application forms for CLEP testing can be obtained from the Registrar.

<table>
<thead>
<tr>
<th>Subject Examination</th>
<th>Minimum Score</th>
<th>UWA Courses Equivalency-Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting, Principles of</td>
<td>50</td>
<td>AC 211-212 (6)</td>
</tr>
<tr>
<td>Algebra</td>
<td>50</td>
<td>MH 113 (3)</td>
</tr>
<tr>
<td>Algebra-Trigonometry</td>
<td>50</td>
<td>MH 113-114 (6)</td>
</tr>
<tr>
<td>American Government</td>
<td>50</td>
<td>PS 110 (3)</td>
</tr>
<tr>
<td>American Literature</td>
<td>50</td>
<td>EH 211-212 (6)</td>
</tr>
<tr>
<td>Analyzing &amp; Interpreting Literature</td>
<td>50</td>
<td>EH 211-212 (6)</td>
</tr>
<tr>
<td>Biology</td>
<td>50</td>
<td>BY 101 (4)</td>
</tr>
<tr>
<td>Business Law, Introductory</td>
<td>50</td>
<td>BA 263 (3)</td>
</tr>
<tr>
<td>Calculus with Elementary Functions</td>
<td>50</td>
<td>MH 121 (3)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>50</td>
<td>CH 111-112 (8)</td>
</tr>
<tr>
<td>Composition, Freshman</td>
<td>50</td>
<td>EH 101-102 (6)</td>
</tr>
<tr>
<td>English Composition</td>
<td>50</td>
<td>EH 101-102 (6)</td>
</tr>
<tr>
<td>English Literature</td>
<td>50</td>
<td>EH 211-212 (6)</td>
</tr>
<tr>
<td>French, Level I</td>
<td>50</td>
<td>FR 101-102 (6)</td>
</tr>
<tr>
<td></td>
<td>62</td>
<td>FR 101-102(6) FR 201-202 (6)</td>
</tr>
<tr>
<td>History of U.S. I: Early Col. to 1877</td>
<td>50</td>
<td>HY 211 (3)</td>
</tr>
<tr>
<td>History of U.S. II: 1865 to Present</td>
<td>50</td>
<td>HY 212 (3)</td>
</tr>
<tr>
<td>Humanities</td>
<td>50</td>
<td>EH 211 (3) &amp; One Fine Art (3)</td>
</tr>
<tr>
<td>Information Systems/Computer Applic</td>
<td>50</td>
<td>CS 205 (3)</td>
</tr>
<tr>
<td>Macroeconomics, Principles of</td>
<td>50</td>
<td>EC 231 (3)</td>
</tr>
</tbody>
</table>
Microeconomics, Principles of  50  EC 232 (3)
Management, Principles of  50  MG 300 (3)
Marketing, Principles of  50  MK 300 (3)
Natural Sciences  50  BY 101 (4) &  
Phys Sci Elective (4)
Psychology, Introductory  50  PY 100
Social Sciences & History  50  One Soc Sci (3) and  
One History (3)
Sociology, Introductory  50  SY 100 (3)
Spanish, Level I  50  62  SP 101-102 (6)  
SP 201-202 (6)
Trigonometry  50  MH 114 (3)
Western Civ I: Ancient Near East to 1648  50  HY 101 (3)
Western Civ II: 1648 to Present  50  HY 102 (3)

ACADEMIC ADVISING

Each College assigns academic advisors to assist specific students at registration  
and at other times. Advisors provide general guidance as students plan their work  
toward graduation. At times the student may consult the Dean or others concerning  
schedules and programs. The assigned advisor or the student's Dean must sign each  
registration schedule and any change forms. Each student, however, has full respon- 
sibility for determining his/her own status in regard to the acceptability of his/her  
schedule and progress toward meeting graduation requirements.  

The Office of the Dean of each College maintains a file of relevant materials on  
each student which is available for examination by the student and the advisor in  
planning the student’s program. Included in these materials is a status sheet showing  
the completed courses and grades in each academic area and the cumulative totals of  
hours and quality points earned.

CLASS STANDING

For registration and other purposes, a student’s class standing is determined by the  
number of semester hours credit earned, as follows:

Freshman .............................. 0-29 semester hours
Sophomore ............................. 30-59 semester hours
Junior ................................. 60-89 semester hours
Senior ................................. 90 or more semester hours.

ACADEMIC LOAD

The normal load for an on-campus undergraduate student is fifteen semester hours  
a semester. Special permission from the appropriate Dean of the College is necessary  
for registration with loads of less than twelve or more than eighteen semester hours.  
Generally, a student with a cumulative quality-point ratio of 3.0 or higher overall and  
3.0 or higher in courses taken at UWA or a student who is a graduating senior may  
qualify for a heavier academic load with the approval of the Dean.  

The normal load for an online student is six to nine hours per term, not to exceed  
ine hours per term. Special permission from the appropriate Dean of the College  
is necessary for registration with loads of more than nine semester hours per term.  
Generally, a student with a cumulative quality-point ratio of 3.0 or higher overall and  
3.0 or higher in courses taken at UWA or a student who is a graduating senior may
qualify for a heavier academic load with the approval of the Dean.

The normal load for an online student taking both on-campus and online courses is fifteen semester hours. Students cannot exceed a total of eighteen hours (including both on-campus and online) within a given on-campus term without special permission from the Dean. For example, a student who is taking six hours during the Fall 1 online term and six hours during the Fall 2 online term will be limited to six hours during the Fall on-campus session. Special permission from the appropriate Dean of the College is necessary for an academic overload. Generally, a student with a cumulative quality-point ratio of 3.0 or higher overall and 3.0 or higher in courses taken at UWA or a student who is a graduating senior may qualify for a heavier academic load with the approval of the Dean.

Academic programs are planned so that a student generally should complete the basic curriculum (the general education pattern) required for his/her degree program by the end of the sophomore year, but a student should definitely have completed these courses by the time he/she has completed 90 semester hours.

PREREQUISITES

Prerequisites of courses are listed in course descriptions in this catalogue. The prerequisite(s) for a course must be met before the course is taken. In addition, once a course is successfully completed, the student cannot enroll in its prerequisite(s) for credit. Any waiver of the prerequisite requirements must be approved by the instructor and his/her respective Dean.

ASSIGNMENT TO SPECIAL CLASSES

In some areas of the curriculum students may be placed in special classes or special sections on the basis of test scores or other data. Such special placement is designed to assist the student in developing his/her abilities as completely as possible in an area where previous training has been either outstanding or inadequate and where the usual course does not appear to meet his/her special needs.

A student whose test scores indicate a special need for reading improvement is required to take Educational Psychology 098, Reading Skill Improvement. This course carries three semester hours of non-degree credit.

A student whose proficiency in English composition is less than that which is considered necessary for successful college work is required to pass English 099, Fundamentals of Writing I, before enrolling for other English classes. English 099 carries three semester hours of non-degree credit. Assignment to English 099 is usually based on test scores but may result from the recommendations of a professor in consultation with the student. In the case of upperclassmen, assignment to English 099 may be required by the Written Proficiency Committee after appropriate testing. In this case, a student who has completed the freshman English composition requirements will register for English 099 for non-degree credit if he/she does not already have six semester hours credit in compensatory English composition. Otherwise, a student who is referred may register for the course non-credit.

On the basis of test scores and other data, a student may be required to pass Mathematics 080, Basic Mathematics, MH 081 Basic Algebra, or MH 101 Intermediate Algebra, courses designed to develop basic proficiency in mathematics and algebra. MH 080 and MH 081 carry three semester hours of non-degree credit and MH 101 carries three semester hours credit.

All entering students who have not successfully completed or been awarded credit for MH 113, Precalculus Algebra, are required to submit scores from the American
College Test (ACT) or Scholastic Aptitude Test (SAT). Placement in an entry-level Mathematics course will be determined by the mathematics score as follows:

<table>
<thead>
<tr>
<th>ACT Enhanced</th>
<th>SAT Recentered</th>
<th>Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 or below</td>
<td>310 or below</td>
<td>MH 080</td>
</tr>
<tr>
<td>14-16</td>
<td>320-390</td>
<td>MH 081</td>
</tr>
<tr>
<td>17-19</td>
<td>400-470</td>
<td>MH 101</td>
</tr>
<tr>
<td>20-26</td>
<td>480-560</td>
<td>MH 113</td>
</tr>
<tr>
<td>27-29</td>
<td>570-620</td>
<td>MH 114</td>
</tr>
<tr>
<td>30-36</td>
<td>630-800</td>
<td>MH 121</td>
</tr>
</tbody>
</table>

The Department of Mathematics offers a Mathematical Placement Examination for students who feel that they can place higher than their existing scores indicate.

NOTE: The courses MH 080 and MH 081 discussed above carry non-degree credit only. This credit is counted in computing quality-point averages and in determining if a student must be placed on probation or suspension, but it cannot be counted toward meeting any requirements for a degree.

Students whose test scores indicate outstanding preparation in one or more areas of the University curriculum can apply for participation in the Honors Program (See p. 70).

**CHANGE OF COURSES**

By payment of a change-of-course fee, a student may change courses within the period designated on the academic calendar in the catalogue for adding and dropping classes. No student may enroll for a normal load after the last day for adding a course. With permission of his/her Dean, a student is permitted to drop a course without grade penalty during the first twenty-four class days (the first twenty class days during summer) of a semester. **However, no financial reduction will be given after the first ten days of classes.** The exact date for each semester is shown in the academic calendar. After that time, a student may drop a course only in unusual circumstances with special permission of his/her Dean. In such a case, a grade of “WP” or “WF” is assigned, depending on whether the student is passing or failing at the time the course is dropped. No student, however, is allowed to drop a course within the last ten class days of the semester for any reason. A student who discontinues attending a class without following the specified procedures for dropping a course receives the grade of “FA,” unless he/she had a failing average at the time of leaving, in which case the grade of “F” is assigned.

**SIZE OF CLASSES**

The University reserves the privilege of withdrawing any course for which fewer than ten students have enrolled. Large classes are closed or divided into sections whenever the interests of the students are better served by so doing.

**TRANSFER WITHIN THE UNIVERSITY**

The UWA student desiring to transfer from one of the undergraduate colleges to another proceeds as follows:

1. He/she goes to the Office of the Dean of the College where currently enrolled and “signs out” his/her status sheet.
2. He/she takes the status sheet to the chairperson of the department in which the student intends to major in the other College. The department chairperson, or
a designated representative, counsels with the student regarding the proposed transfer and the feasibility of the proposed plans. Once agreement is reached on these matters, the department chairperson, or the representative, completes a form approving transfer. The chairperson may also at this time require the student to provide personal and academic information which will be needed by the new College.

3. The student then takes the status sheet and the transfer approval form back to the Office of the Dean in the College where he/she has been enrolled. Here the necessary transfer forms are prepared in quadruplicate and signed by the Dean.

4. He/she then takes the counseling forms, the status sheet, and other materials to the Office of the Dean of the new College.

5. If, after consulting with a counselor, the student decides not to transfer, he/she must return the status sheet immediately to the Office of the Dean in the College where he/she is currently enrolled.

When a student transferring within the University has previously had transcripts from another institution evaluated by another College at UWA, the College to which the student transfers reserves the right to review the evaluation of transcripts and, in consultation with the student, to make whatever changes may be necessary and reasonable in order to make the evaluation more applicable to the curriculum of the College or to bring it into line with current policies.

WITHDRAWAL, RESIGNATION AND DISMISSAL

A student who must resign from the University at any time other than at the close of a semester is required to confer with the Director of Student Success Center and file with his/her Dean a request for permission to resign. If withdrawal occurs within the first three weeks of classes, a student is allowed to resign without grade penalty. If withdrawal occurs after the fifteenth class day, the student receives a grade of “WP” or “WF” in each course, depending on whether he/she is passing or failing at the time of resignation. No student, however, is allowed to withdraw within the last ten class days of the semester except in an extreme medical emergency or similar situation, as determined by the Director of Student Success Center. A student who leaves school during a semester without following the specified procedures for resignation receives a grade of “FA” in each course for which he/she is registered, unless he/she had a failing average at the time of leaving, in which case the grade of “F” is assigned.

The University reserves the right to discontinue the enrollment of any student at any time when University officials judge that such action will serve the best interest of the institution.

For Financial Policy refer to the Student Affairs sections entitled “Refunds.”

ENROLLMENT AS AN AUDITOR

Any person wishing to attend a course in which college degree credit may be earned must follow standard application procedures. He/she must be registered for the course and must pay all required fees. He/she is expected to attend class meetings and to conform to all requirements of the instructor of the course. An auditor — that is, a student wishing to attend such courses on a non-credit basis — ordinarily will satisfy all requirements for admission to the University. He/she also must pay the $50.00 application fee. In certain cases, however, a student will be permitted to attend a course as an auditor by giving evidence of extenuating circumstances justifying enrollment without satisfying normal admission requirements. The University reserves the right to establish appropriate standards for such enrollments. A high school student can be admitted to audit a course only if he/she has completed at least the
ninth grade. Under no circumstances can a student receive credit toward a degree by auditing a course, and in no case can a professor assign a grade (other than “AU”) to any work presented by an auditing student.

THE COLLEGE YEAR

THE SEMESTER SYSTEM

UWA is organized on the semester system. The University year is divided into three semesters of approximately equal length. A student may enter at the beginning of any semester if admission is approved.

THE SUMMER SEMESTER

The summer semester is considered a regular part of the University year. Work leading to the various degrees is offered during the summer. Persons desiring information on the offerings of the summer semester should write to the Registrar’s Office for a copy of the Summer Schedule.

THE GRADING SYSTEM

GRADES AND QUALITY POINTS

The University records student achievement by means of a letter-grade system based upon comparative performance. To facilitate the computing of grade averages, the University places a quality-point value on the satisfactory grades. The following table gives the letters used, their meanings, and the corresponding quality-point values:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Meaning</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0</td>
</tr>
<tr>
<td>IP</td>
<td>Internship in Progress</td>
<td>0</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
<td>0</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawn Passing</td>
<td>0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawn Failing</td>
<td>0</td>
</tr>
<tr>
<td>N</td>
<td>Non-Credit</td>
<td>0</td>
</tr>
<tr>
<td>FA</td>
<td>Administrative Failure</td>
<td>0</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
<td>0</td>
</tr>
<tr>
<td>X</td>
<td>Absent from Examination</td>
<td>0</td>
</tr>
</tbody>
</table>

The grade of “I” is assigned to a student who has been unable to complete all course requirements because of personal illness or circumstances judged by the instructor to warrant consideration. An “I” is not assigned for absence from examination, unless the absence has already been officially excused.

The grade of “N” is assigned in certain basic curriculum and compensatory courses when a student has not earned the grade necessary to meet the requirements for that course (usually a “C”). Students are not charged with hours attempted for courses in which they received an “N”; thus, there is no GPA penalty for “N” grades. However, a student may be assigned an “N” only one time for any given course. In those cases
in which a course is a prerequisite for another course, students must repeat the course in which they receive an “N” until they earn a satisfactory grade.

The grade of “X” is assigned to a student who fails to take the final examination. In order to remove the “X” grade, a student must receive permission from his/her Dean to schedule a make-up examination.

It is the student’s responsibility to complete the necessary work to remove a grade of “I” or “X” at least ten class days prior to the last class day of the following semester or online session. Failure to remove the “I” or “X” grade during the specified time will result in the student’s receiving an “F” grade.

The grade of “FA” is assigned to a student whose absences make it impossible for him/her to receive a passing grade in the course but who does not otherwise have a failing average on tests and other work completed. For example, a student who leaves school without officially withdrawing received the grade of “FA” in each course which he/she is otherwise passing. The grade of “F” is given in each course in which the student has a failing average. In computing a student’s grade-point average, an “FA” is counted the same as an “F.”

EXAMINATIONS
A final examination is given in every course at the end of the semester in accordance with a definite schedule. No variation from this schedule of examinations is allowed except on written authority from the Dean of the College in which the course is offered.

REPORTS
Final marks for each semester are recorded and are preserved as a part of the permanent record of the student. Reports are made to students and to others whom they designate as soon as possible after the close of each semester.

THE QUALITY-POINT RATIO
The quality-point ratio for determining a student’s academic status and his or her eligibility for graduation is computed by dividing quality points earned on work at UWA by semester hours attempted. In cases where a student repeats a course, the hours attempted are counted once, and the lowest grade is deleted as credit cannot be given twice for the same course.

THE DEAN’S LIST AND PRESIDENT’S LIST
Each semester the Dean’s List gives recognition to those undergraduate students who have been enrolled for twelve semester hours or more and have made for the semester a quality-point ratio between 3.25 and 3.79, with no grade lower than a “C.”

The President’s List gives recognition to undergraduate students with exceptionally high grades for the semester, those with grade-point averages of 3.80 or higher on at least twelve semester hours credit with no grade lower than a “C.”

REQUIREMENTS FOR CONTINUATION IN RESIDENCE
Students are required to make academic progress toward a degree by maintaining the minimum cumulative grade point average (GPA) on work attempted at UWA in accordance with the following table:
<table>
<thead>
<tr>
<th>CLASS</th>
<th>HOURS ATTEMPTED</th>
<th>REQUIRED GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0-29</td>
<td>1.60</td>
</tr>
<tr>
<td>Sophomore</td>
<td>30-59</td>
<td>1.80</td>
</tr>
<tr>
<td>Junior</td>
<td>60-89</td>
<td>1.90</td>
</tr>
<tr>
<td>Senior</td>
<td>90 or above</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**GOOD ACADEMIC STANDING:** A student will be considered in “Good Academic Standing” if he/she is enrolled or eligible to re-enroll at the University of West Alabama.

**ACADEMIC WARNING:** A student will be placed on “Academic Warning” at the end of any semester in which he/she does not meet the required GPA for his/her classification.

**ACADEMIC PROBATION:** A student on “Academic Warning” is placed on “Academic Probation” at the end of a semester in which the student’s cumulative GPA on credits attempted at UWA falls below the required GPA for his/her classification. A student on “Academic Probation” who earns a GPA of 2.00 or better but still has not achieved the required GPA for his/her classification will continue on “Academic Probation.” The student will be removed from “Academic Probation” once the minimum cumulative GPA has been achieved.

**FIRST ACADEMIC SUSPENSION:** A student who is on “Academic Probation” will be placed on “First Academic Suspension” for a period of one semester (excluding Summer Semester) at the end of a term in which the student fails to earn a GPA of 2.00 or better for that term. The suspended student may return to UWA on “Academic Probation” after sitting our either a Fall or Spring Semester.

**SECOND ACADEMIC SUSPENSION:** A student returning from a “First Academic Suspension” will be placed on a “Second Academic Suspension” if the student fails to earn a 2.00 GPA on the work attempted during that term. The second suspension will be for a mandatory period of two semesters (excluding Summer Semesters). The student will automatically be eligible to return after serving the two semester suspension and will be re-admitted on “Academic Probation.”

**INDEFINITE ACADEMIC SUSPENSION:** A student returning from a “Second Academic Suspension” who again fails to earn the required 2.00 GPA for the term, will be placed on “Indefinite Academic Suspension” for a mandatory period of four semesters (excluding Summer Semesters).

**PROCEDURES FOR REINSTATEMENT:** Any student on “First Academic Suspension” may appeal his/her suspension to the University’s Admissions and Appeals Committee. The appeal must be based on extenuating circumstances which may have caused the student to have academic difficulties for a particular semester. The appeal must also provide adequate evidence of ability, maturity, and motivation on the part of the student. The appeal form may be obtained by contacting the Registrar’s Office or it can be found on the UWA website at www.uwa.edu. A student who is placed on either the “Second Academic Suspension” or the “Indefinite Academic Suspension” is required to sit out his/her mandatory suspension period and cannot appeal his/her suspension to the Committee.

**IMPORTANT:** A student on academic suspension from UWA may not use credit earned at another institution for clearing his/her suspension or for meeting degree requirements for graduation from UWA. Any credits earned by a student at another institution while he/she is on suspension will not transfer back to UWA.

A student who returns to the University after having been out for four consecutive semesters or more (excluding Summer Semesters) may have his/her continuation in residence based on the work done since returning to school.

It is the student’s responsibility at all times to know his/her status regarding continuation in residence. If in doubt about his/her standing, the student should consult the Registrar.
ACADEMIC FORGIVENESS POLICY

University of West Alabama undergraduate students may delete up to three course grades (maximum of twelve semester hours) from the computation of their cumulative grade-point average. Academic Forgiveness can be granted only one time.

Deletion of grades from the computation of the cumulative grade-point average is not available in certain courses, including professional courses in the Division of Nursing and other programs in which requirements are mandated by other agencies.

This policy cannot be used by a student who is currently on academic suspension from the University in order to remove his/her suspension. The student must be currently enrolled or eligible to return before the policy can be applied to his/her academic record. The policy also cannot be used to drop the grade of a course that was assigned due to academic misconduct, a course applied toward a previously awarded baccalaureate degree, or a course accepted as transfer credit.

If a deleted grade is a required course for graduation and the same must be retaken, the course must be repeated at UWA. 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 the credit cannot be restored.

Honor societies or graduate/professional schools may or may not honor the Academic Forgiveness Policy. The GPA for recognizing honor students at graduation will be based on all coursework taken and will not take into consideration courses dropped by the Academic Forgiveness Policy.

Although the dropped course is not computed into the cumulative grade-point average, the dropped grade will remain on the transcript with the notation that it has been excluded from earned hours and the GPA.

SECOND-CHANCE POLICY

A student who is readmitted to UWA after an absence of five or more years may apply in the Registrar’s Office for consideration under the Second-Chance Policy. This policy allows the readmitted student who completes 21 semester hours of course work with no semester grade-point average below 2.5 to delete up to 32 semester hours of “D,” “F,” “FA,” or “WF” grades received prior to readmission from calculation in the grade-point average. Certain courses, including professional and teaching field courses in the College of Education and professional courses in the Division of Nursing, are excluded from this policy, and all courses remain on the transcript along with an explanation of the Second-Chance Policy. A student is eligible to apply for consideration under this policy only once.

GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS

For graduation a student must complete at least 120 semester hours of work or the number of hours required for his/her degree program, at least one third of which must be in upper-level courses, and must have twice as many quality points as hours attempted, or more if required by his/her degree program. Candidates who have transferred credit from other institutions must earn two quality points for each credit hour attempted at the University. A candidate for a degree must earn a sufficient number of credits to satisfy the requirements for graduation as outlined in the Curriculum Section of the catalogue approved for his/her program.

In general, a student is expected to fulfill all credit and course requirements as outlined in the catalogue in effect at the time he/she last entered the undergraduate
College from which he/she is to be graduated, except that, if the student chooses, he/she may be graduated by the requirements of a later catalogue. The student must, however, meet all requirements as outlined in a single catalogue. A student who does not complete the requirements for a degree within six years of the date of admission to the University may be expected to meet the current requirements for the degree and may have transfer credits re-evaluated in terms of current policy.

Any substitutions of courses or other exceptions to the requirements for a degree must have the written approval of the Dean of the College after appropriate consultation with the chairperson(s) of all departments concerned. Written documentation of each such exception is placed in the student’s record folder in the Registrar’s Office.

MAJORS AND MINORS

Degree programs generally involve a major area coupled often with a minor or a comprehensive major area. A major consists of a minimum of 30 semester hours, at least one-half of which are from upper-division courses. A comprehensive major consists of a minimum of 50 semester hours, at least one-half of which are from upper division courses. A minor consists of a minimum of 20 semester hours, at least one-third of which are from upper division courses.

DOUBLE MAJORS

In some instances, it is possible for a student to complete two majors simultaneously as long as the majors fall within the same type of degree (e.g. Bachelor of Science, Bachelor of Arts, etc.). A student who elects to do this must fulfill the basic curriculum requirements and the specific degree requirements of both majors. Students with double majors across college lines must be approved for graduation by the deans of both colleges, but must designate one major as the primary major. At Commencement, the student will receive one diploma. He/she will walk across the stage only with the graduates in the primary major area, but his/her name will be listed in the printed Commencement program under both colleges.

ADDITIONAL BACHELOR’S DEGREES

Students seeking to earn additional bachelor’s degrees must complete a minimum of 30 semester hours in residence over and above the previously earned bachelor’s degree and must meet all academic requirements for the degree sought as stipulated in the General Catalogue at the time of enrollment in the additional degree program. Consistent with this policy, students may not be enrolled in two colleges within the University at the same time. Students may not be awarded multiple degrees in the same graduation exercises.

RESIDENCE REQUIREMENTS

A candidate for either an associate degree or a bachelor’s degree must complete 25% of his or her total hours at UWA. (The resulting total number of hours may vary from program to program.) Specifically, a candidate for an associate degree must complete a minimum of 15 semester hours at UWA (although individual programs may require additional hours), and a candidate for a bachelor’s degree must complete a minimum of 30 semester hours at the upper-division (300 and 400) levels at UWA. It is generally understood that in both instances the hours will be the final hours in a student’s program. However, a candidate for graduation lacking fewer than fifteen
semester hours may, with prior approval of his or her Dean, earn these credits by extension courses, correspondence courses, and/or work at another approved senior institution, provided the student has acceptable quality-point averages as required for graduation. Enrollment in a correspondence course must be completed at least three months prior to the awarding of the degree. Grades for correspondence courses must be in the office of the University Registrar two weeks prior to commencement if they are to be used for meeting graduation requirements at that time.

Exceptions to the residence requirements are made in individual instances for service personnel pursuing degrees in the Servicemembers Opportunity College program.

**EXTENSION AND CORRESPONDENCE WORK AND WORK AT OTHER INSTITUTIONS**

As many as one-fourth of the credits for an undergraduate degree may be earned through extension, and/or correspondence and distance learning courses from approved institutions. Approved Armed Service credits and CLEP credits earned by any student are counted as extension and correspondence work. A “D” or lower grade earned in residence may not be raised by study elsewhere (except in unusual circumstances and with the prior approval of the Provost), nor may an inadequate average overall or in majors, minors, professional study, or the basic curriculum be raised by work taken outside the University. Also, a student may not earn credit at another institution for a higher-level course in a specific area in which the student has received an unsatisfactory grade in the lower level course in the same area. For example, a student who completes MH 081 at UWA with a grade of “N” or “F” may not earn credit for a higher-level math course at another institution until he/she has satisfied the requirement of MH 081 at UWA. Correspondence or other distance learning courses can be taken by students in residence only when a schedule cannot be arranged on campus. Any such work to be counted toward a degree at UWA must have the prior written approval of the Dean of the College in which the student is enrolled. Any work taken as a transient student at another institution must also have the Dean’s prior written approval.

In general, little or no correspondence or other distance learning or extension work will be approved in a student’s major or minor area, except in unusual circumstances. Correspondence catalogues are available for students to consult in the Office of the Dean in each College.

**PROFICIENCY IN WRITTEN ENGLISH**

UWA requires that any student receiving a degree must meet established standards for proficiency in written English. Professors report all students in each class who, in their opinions, do not meet these standards. A student so reported must be evaluated by the Written English Proficiency Committee. A student who is judged by the Committee as not meeting the established standards must fulfill the specific requirements set by the Committee before being graduated. The student is informed by written notice of the specific requirements which the Committee has set. Generally, the Committee requires the completion of one or more compensatory courses or tutoring in the Writing Center in order that the student may achieve the required proficiency. Unless the Committee approves a delay, the student must begin work immediately to achieve proficiency and must meet the requirements within two semesters. A student in the referral program must be certified by the Committee when he/she has met the requirements.

Details of this evaluation process are available in the Office of the Dean of Liberal Arts, as are the criteria by which both faculty members and the Proficiency Committee evaluate the written English of students.
INSTITUTIONAL EFFECTIVENESS PLAN

Successful implementation of the University’s plan to assess institutional effectiveness requires student participation at different stages of the student’s academic career at the University. Students are required to participate in the assessment program as part of their University requirements prior to completing degree requirements. Participation in the assessment program in no way affects grades or academic standing. Furthermore, performance on the assessment batteries will in no way delay or defer graduation upon the satisfactory completion of requirements outlined in this catalogue. Exceptions to this policy may apply to students in Teacher Certification.

APPLICATION FOR THE DEGREE AND PAYMENT OF FEES

Formal application for a degree must be filed in the Office of the Registrar according to the deadlines in the Academic Calendar contained in this catalogue. A student who anticipates graduating at the spring commencement must pay all fees, including the graduation fee, during the last semester of residence. Unless these fees are paid, the student is not graduated. All candidates for a degree are required to participate in the graduation exercises unless they obtain a written statement of exemption from the Dean of the College in which they are enrolled.

HONORS AND AWARDS

RECOGNITION AT GRADUATION

At graduation special recognition is given to baccalaureate candidates who have quality-point ratios of 3.50 or higher as determined by dividing the number of quality points earned by the number of semester hours attempted. These students are graduated “with honors,” according to the following scale:

- Summa cum laude — a quality-point ratio of 3.90 or higher
- Magna cum laude — a quality-point ratio of at least 3.75, but less than 3.90
- Cum laude — a quality-point ratio of at least 3.50, but less than 3.75

A transfer student may be graduated “with honors” only if he/she has two semesters of work in residence at UWA and has at least a 3.50 average (1) in all work taken in residence at UWA and (2) in the combination of work taken here and that accepted from other institutions. If these two computations place the student in two different levels of honors, as outlined above, he/she will be graduated according to the lower of the two.

THE RALPH LYON AWARD

The Ralph Lyon Award for Academic Excellence is given at commencement each year to the student with the most outstanding undergraduate scholastic record among those students who have completed requirements for a bachelor’s degree since the preceding spring. This award is given to stimulate academic excellence at the University and to honor longtime faculty member and administrator Dr. Ralph M. Lyon. It was established through a gift from Mr. William Summerlin of Atlanta, Georgia, a UWA alumnus.

ALUMNI ACHIEVEMENT AND LOYALTY AWARD

In 1994, The University of West Alabama National Alumni Association established the UWA Alumni Awards Program to ensure that proper recognition is given to de-
serving graduates from each of the University’s colleges and the Division of Nursing for outstanding success in their professional roles and to alumni who have shown outstanding service or loyalty to this institution. Awards are given at the Association’s annual meeting during the Homecoming festivities.

THE SOCIETY OF THE GOLDEN KEY

In 1963, a group of senior faculty members organized the Society of the Golden Key. The purpose of this organization is to honor former students and faculty members of UWA who have brought honor and distinction to the institution. Announcement of those honored by membership is made at commencement.

ATTENDANCE POLICY

Students are expected to display responsible judgment in regard to class attendance and to know and follow the attendance policies for each of their classes. It is also the students’ responsibility to keep a record of absences.

Faculty members are expected to keep an accurate record of attendance in all classes, recording all absences, including those due to late registration or change of course. A written attendance policy should be distributed to students in each class, and it is a faculty member’s prerogative to consider attendance records in determining grades. A student cannot receive credit for a course if he/she does not attend at least two-thirds of the class meetings, regardless of the reason for the absences.

Absences may be excused by a faculty member and the student allowed to make up work if the faculty member deems an absence legitimate. A faculty member is not expected to provide make-up evaluation for a student who is absent without a legitimate excuse. In the event that the student and instructor do not agree on the acceptability of the excuse presented, the matter will be determined by the Dean of the college in which the course is offered. The instructor or the Dean may require the student to present appropriate documentation for an absence.

A student who is absent from a final examination must present evidence to his/her Dean to justify a make-up examination. If a make-up is approved, the instructor will set a time for the examination which is reasonable in terms of both the student’s and instructor’s schedules.

In the case of absences resulting from a student’s involvement in official University functions, information is provided through the Online Excuse System (http://academicaffairs.uwa.edu/excuses_request/).

ACADEMIC INTEGRITY

Academic dishonesty is defined as an action taken that gives a student an ill gained advantage in any academic pursuit that would not have been available if left solely to the student’s own abilities and performance. Academic dishonesty includes, but is not limited to, cheating, assisting in cheating, plagiarism, theft or possession of examinations or other unauthorized class materials, submitting the same assignment in more than one course without the instructors’ consent, knowingly furnishing false academic information (such as falsified transcripts) to the University, altering or attempting to alter a grade or information on any University record, misrepresenting oneself to submit work for another student, or enlisting someone else to submit work falsely for oneself.

Plagiarism is defined as the failure to properly document all materials from sources, published or otherwise, that are included in an essay, research paper, examination, or other assignment. This includes items such as definitions of particular terms taken
from a research source. Incidents of plagiarism include quoting or paraphrasing without properly crediting the author, using the syntax of a source document in a paraphrase without significant modifications, or incorporating the ideas of another without attribution by standard documentation. The actual words of a published or online source must be cited properly and enclosed in quotation marks according to the documentation style of the appropriate academic discipline. Failure to do so is plagiarism. Paraphrased material must also be documented accurately and appropriately and must represent the student’s own words and own unique sentence structure. Failure to do so, again, is plagiarism. Finally, material which is carelessly or incompletely paraphrased is also regarded as an incident of plagiarism. It is the responsibility of the student to learn these academic conventions and abide by them. Further information about using sources and citations may be found via the Julia Tutwiler Library Home Page (http://library.uwa.edu/). This same page provides information on avoiding plagiarism in any of the style manuals given in the links.

The University of West Alabama reserves the right to use electronic means to detect and help prevent plagiarism. By enrolling at UWA, students agree to have course documents submitted to www.Turnitin.com or other means of electronic verification. All materials submitted to Turnitin.com will become source documents in Turnitin.com’s restricted access database, solely for the purpose of detecting plagiarism in such documents. Students may be required by instructors to individually submit course documents electronically to Turnitin.com.

In instances where a faculty or staff member believes a student has committed or assisted in an act of general academic dishonesty, such as theft of an exam, attempting to alter a grade, falsifying transcripts, or assisting in an act of academic dishonesty, the student is consulted to determine if the matter can be resolved. Following consultation with the student, if the faculty member believes an act of academic dishonesty has been committed and that punitive action is warranted, the matter is referred to the Academic Integrity Committee in writing in the form of an Academic Dishonesty Incident Report, which is available in the Handbook for Faculty and Professional Staff. The faculty member may also include a recommendation for possible disciplinary action consistent with those listed in accordance with the University Student Code of Conduct.

In a case of determination of academic dishonesty related to a specific class assignment, such as an act of plagiarism or cheating on an exam, the faculty member must notify the student and explain the nature of the charge and the nature of the punishment to be imposed. The faculty member is authorized to choose from the following options for such an offense:

1. Having the student rewrite the assignment, with or without a grade penalty
2. Giving the student an “F” or a zero for the assignment or a portion of the assignment

Should the professor feel the incident needs further action, he or she may refer the student to the Academic Integrity Committee by filing an Academic Dishonesty Incident Report Form detailing the infraction with the chairperson of the committee. A copy is also filed with the Office of the Provost.

A student accused of academic dishonesty is afforded due process considerations and has the right to a hearing before the Academic Integrity Committee and the right to legal representation during that hearing. A student may request a hearing by writing to the Dean of his or her College, who will in turn refer the matter to the Academic Integrity Committee. A student may waive the right to due process and instead allow the punitive action to be determined by the committee. In this case, the student will sign a form waiving due process.

In adjudicating the case, if the Academic Integrity Committee finds the student guilty, it may impose the following action(s):
1. No further action
2. Written reprimand
3. Disciplinary suspension for one or more semesters
4. Expulsion
5. Other penalties as appropriate

A decision rendered in a hearing by the Academic Integrity Committee will be conveyed in writing to the student and to the accusing professor as well as to the Provost. The student may appeal the decision in writing to the Provost no later than three working days after final action in the matter. Right to counsel or representation will also be available in the appeals process.

OFFICIAL STUDENT RECORDS

ACCESS TO STUDENT RECORDS

Attention of all students, their parents, and UWA alumni is called to the provisions of Public Law 93-380, the Family Educational Rights and Privacy Act of 1974, also known as “The Buckley Amendment.” Under the provisions of this law, all students and former students of the University have the right to inspect their official educational records in the Office of the Registrar. This right of inspection does not apply to any information submitted to this office as confidential prior to January 1, 1975, nor to access by students to financial records of parents. Parents or guardians of a student may not see records nor receive any grades unless the student specifically designates that records and/or grades may be made available to the parents or guardians. Grades are mailed to the address indicated by the student on the registration form.

Information classified as “Directory Information” may be released by the University unless a student specifically informs the Registrar in writing that written consent is necessary before even this information may be released. “Directory Information” includes the following:

1. Name, address, telephone listing
2. Date and place of birth
3. Major and minor fields of study
4. Participation in officially recognized athletics and other activities, including weight and height of members of athletic teams
5. Dates of attendance
6. Degrees and awards received
7. The most recent previous educational institution attended.

Other information from a student’s record will be released only to UWA officials, including teachers, who have legitimate educational interests, unless the student has given written consent for the release of specific information to others. For example, such a request as the release of a student’s grade-point average to other students for consideration of eligibility for a student organization will not be honored by the Registrar’s Office unless the student involved has specifically requested the release of this information.

Students who have questions regarding their official records should address them to the Registrar.

TRANSCRIPTS OF CREDIT

In compliance with the Family Educational Rights and Privacy Act, UWA does not release transcripts of a student’s work at the University except upon the student’s
written request. A student or former student who desires a transcript of his/her record from the University must write to the Registrar, giving the dates of attendance and the name of the institution or person to whom the records should be sent. Students should be sure to state all names which may have been entered on their college records. A student may secure an unofficial transcript for his/her own use, but official transcripts are sent only to other colleges or organizations for reference purposes. Official transcripts cannot be delivered “by hand” unless specifically requested by the college or organization receiving the transcript.

A fee of $5.00 is charged for each transcript, whether it is an official or unofficial copy.

Transcripts are not issued for students who have failed in some way to complete their registration procedures or who have outstanding obligations to the University.

REGISTRAR’S OFFICE

The Registrar’s Office, located in Webb Hall 319, provides a wide range of services to students, faculty and staff, alumni, and various off-campus agencies. The office maintains timely and accurate records of the academic progress of the students who are enrolled and disseminates this information as needed. The Registrar’s Office provides students with an efficient system for registration, course enrollment changes, grade reporting, and issuing of transcripts. The office also interprets and enforces the academic rules and regulations of the University.

COUNSELING OFFICE

The Counseling Office, located in Foust Hall, provides counseling services of a varied nature for all students. The Director gives particular attention to students who have personal concerns, as well as those with academic difficulties. The Director helps to coordinate Freshman Seminar classes for new students.

CAREER SERVICES OFFICE

The Career Services Office, located in Foust Hall, is available to assist students who are in the process of making career decisions. The office also offers services to assist students and alumni conducting a job search through resume and job search counseling, on-campus interviews, career fairs, job listing, placement file referrals and a resume referral service.

STUDENT SUPPORT SERVICES

Student Support Services, located in Foust Hall, is a federally-funded program offering assistance to degree-seeking students who qualify. Eligibility is based on family income, educational level of the student’s parents (neither parent holds a bachelor’s degree), or the student’s disability. In addition, the student must be a U. S. citizen or permanent resident and must be in need of academic support.

For students who qualify, a number of valuable services are available — all free to the student. Student Support Services provides personal counseling, financial advisement, tutoring, referrals to other campus resources, career guidance, social and cultural activities, and workshops on study skills, test taking, classroom survival techniques, etc.
Interested students are encouraged to come in and talk with any member of the staff in Foust Hall during office hours. Prospective students may gain more specific information on the Student Support Services Program by contacting the Director of Student Support Services, Station 17, The University of West Alabama, Livingston, AL 35470, (205) 652-3627 or emailing sssvc@uwa.edu.

UPWARD BOUND PROGRAM

Upward Bound is a federally funded program which works with high school students who come from low-income families and/or will be the first person to go to college from their families. The Upward Bound staff seeks to help these high school students to complete both their secondary and post-secondary education by providing an integrated academic year and summer residential program in which the academic skills needed by the students are taught. Upward Bound provides individual and group counseling and assessment as well as cultural and social enrichment opportunities to the students. More specific information is available at (205) 652-3576 or UWA Station 37, Livingston, AL 35470.

SERVICE MEMBERS OPPORTUNITY COLLEGE

In cooperation with thirteen higher education associations and a large number of colleges and universities, UWA is a part of the network of four-year Service Members Opportunity Colleges, designed to provide opportunities for men and women in the armed services of the United States to pursue educational programs and complete degrees through a variety of traditional and non-traditional means. Among the features of this program are flexible entrance requirements, increased study opportunities for completion of interrupted work, special academic assistance, credit for certain in-service educational experiences, and adaptable requirements.

Members of the armed services desiring more information should write to the Registrar’s Office, Station 4, The University of West Alabama, Livingston, Alabama 35470.

COOPERATIVE EDUCATION PROGRAM

The University of West Alabama offers a program in Cooperative Education to promote opportunities for students to gain work experience in their chosen field of study. The program enables the student to combine classroom instruction with practical experience in business, industry, government, or service organizations. This program is available to qualified students in select majors. To qualify, a student must have completed 24 semester hours (including at least one full semester at The University of West Alabama), be in good standing with the University and have a 2.5 or above grade point average, have a minimum of three semesters remaining before graduation, and have declared a major. The student must also attend an Employability Seminar offered by appointment in the Career Services Office. Some employers have additional requirements.

Students may choose one of two options when available. The first option, the Alternating Option, allows a student to alternate semesters of full-time work and full-time study. The second option, the Parallel Option, allows a student to work part-time (15 to 20 hours a week) while enrolled as a full-time student.

In addition to the above qualifications, a student must register for the appropriate non-credit Cooperative Education course (CEP) each work term and pay the materials fee. Students must comply with the policies and procedures of the employer and the Cooperative Education Program. Interested students may apply in the Career Services Office in Foust Hall 7.
STATEWIDE ARTICULATION REPORTING SYSTEM

UWA participates in the Statewide Articulation Reporting System (STARS) program. STARS is a computerized articulation and transfer planning system designed to inform students who attend Alabama community colleges about degree requirements, course equivalents, and other transfer information pertaining to specific majors at each State-funded four-year institution. STARS is an efficient and effective way of providing students, counselors, and educators with accurate information upon which transfer decisions can be made. STARS is the information link between the State’s public two-year and four-year institutions. The STARS database, if used properly, can prevent the loss of course credit hours, can provide direction for the scheduling of course work, and can ease the transition from one institution to another. Students who are interested in receiving a “Transfer Guide & Contract” should log on to the Internet and access the AGSC/STARS Home Page at http://stars.troy.edu or they may contact the Registrar’s Office at The University of West Alabama (205-652-3587).
On November 16, 1975, the first graduating class of the Ira D. Pruitt School of Nursing was capped. Judy Custard was one of 28 students capped in the candelight ceremony.
IV. IRA D. PRUITT DIVISION OF NURSING
MARSHA A. CANNON, CHAIRPERSON

GENERAL INFORMATION

This is an associate degree program approved by the Alabama Board of Nursing and accredited by The National League for Nursing Accrediting Commission. The curriculum consists of six consecutive semesters (two academic years and two summer semesters). Sequential nursing courses begin in the second semester of the program. In addition, fifteen semester hours in biological science, six semester hours in behavioral science, six semester hours in English, and three hours in humanities/fine arts are required. Upon successful completion of the prescribed course of study, totaling seventy-two semester hours, the student is qualified to receive the degree of Associate in Science and is eligible to apply for the National Council Licensure Examination for the Registered Nurse (NCLEX-RN).

The legal requirements established by the Alabama Board of Nursing for licensure as a registered nurse are detailed in the *Alabama Board of Nursing Administrative Code*. Applicants who have been found guilty of any offenses listed in the Code may be denied licensure by the Alabama Board of Nursing. Any applicant who has had a criminal conviction, alcohol and/or drug abuse/treatment or mental illness must provide the Alabama Board of Nursing with a full explanation and the appropriate court/treatment records at the time of application for examination and licensure. The Alabama Board of Nursing will determine whether or not the applicant may write the examination and be licensed as a registered nurse.

Students in the nursing program are required to purchase authorized nursing uniforms, a liability insurance policy, and pay a fee each semester for standardized achievement tests. In addition, a fee is charged the first semester of nursing courses for background screening and drug testing. Travel to and from clinical facilities for laboratory experiences must be arranged by the student.

Students enrolled in clinical nursing courses must meet the following requirements established by the Alabama Board of Nursing and clinical agencies utilized by the nursing program for clinical laboratory experiences:

1. Completion of the Essential Functions Form
2. Verification of current certification in cardiopulmonary certification
3. Medical verification that the student is free from tuberculosis (skin test or chest X-ray)
4. Verification of immunization for hepatitis B or signed waiver
5. Verification of a negative drug screen according to guidelines established by the clinical agencies utilized by the nursing program.
6. Background screening conducted according to guidelines established by the clinical agencies utilized by the nursing program with adherence to the Background Screening Policy located in the Division of Nursing Student Handbook.

The Division of Nursing meets all requirements of the Americans with Disabilities Act. Each applicant to the nursing program receives a list of essential functions necessary for participation in the nursing program. It is the responsibility of the student to notify the Chairperson of the Division of Nursing of any reasonable accommodations necessary for successful completion of the nursing program.
Students admitted to the Division of Nursing are required to comply with the Alabama Infected Health Care Worker Management Act. This legislation mandates that any health care worker infected with the human immunodeficiency virus (HIV) or the hepatitis B virus (HBV) who performs invasive procedures shall notify the State Health Officer, or his designee, of the infection.

**MISSION AND GOALS**

The Division of Nursing accepts and functions within the goals of UWA. The University acknowledges an obligation to meet the educational, economic, and cultural needs of the community and region. Thus, the overall mission of the Division of Nursing is to provide students with the knowledge, values, and psychomotor skills necessary for professional nursing practice. By doing so, the University assists in meeting a vital need for competent health care professionals within its service area.

In order to achieve its mission, the Ira D. Pruitt Division of Nursing has established the following overall goals:

1. Provide an instructional program in the theoretical foundations of nursing which fosters development of the knowledge necessary to function as a registered nurse.
2. Provide the facilities and instruction necessary to enhance the development of the knowledge and psychomotor skills necessary for employment as a registered nurse.
3. Foster the utilization of the nursing process as the foundation for meeting the wellness needs of the individual or groups of clients.
4. Promote accountability and continuity of health care through the development of effective communication skills.
5. Foster the development of concern for man’s well-being as reflected through the promotion of effective interpersonal relationships with the client, family and/or significant others, and members of the health care delivery team.
6. Promote the development of sound judgment and effective critical thinking skills inherent to safe and effective nursing practice.
7. Enhance the development of the knowledge and skills necessary to effectively manage the delivery of health care by ancillary members of the health team.
8. Foster the perception of professional nursing practice as a continuing educational process.

**POLICIES**

1. **Admission Requirements**

   Applicants for admission to this program, in addition to meeting all requirements for admission to the University, must:

   1. Have acceptable credit for secondary or post-secondary biology.
   2. Have a minimum ACT composite score of 21 for unconditional admission. A student with an ACT composite score of 19 or 20 OR a grade point average of at least 3.0 in required general education courses may be considered for conditional admission. Applicants who meet the requirements for unconditional admission will be admitted upon receipt of ACT scores and transcripts of courses completed at other institutions. Applicants who meet the requirements for conditional admission will not be considered for admission until after March 1.
3. In addition to ACT scores, all applicants are evaluated according to grade point average in required general education courses completed prior to application for admission.

4. Applicants who hold a baccalaureate degree from an accredited post-secondary institution may be considered for exemption of the ACT requirement.

All transfer students must meet the admission criteria of the nursing program. Students may transfer credit from an accredited institution for general education course requirements for which a minimum grade of C was achieved. Students may also transfer credit from another NLNAC accredited nursing program for nursing courses comparable to NS 101, NS 102, and NS 103 if such courses have been completed within three years prior to the date of application to the Ira D. Pruitt Division of Nursing.

Transfer students who have failed to successfully complete a nursing program or programs elsewhere will be placed into one of the following categories in term of admission status:

1. A student who has failed to successfully complete a nursing program at another institution with such failure occurring at least five years prior to application to the Division of Nursing will be held to the same admission standards as an applicant without previous failure.

2. A student who has failed to successfully complete a nursing program at another institution with such failure occurring within five years of application to the Division of Nursing will be considered for conditional admission. The applicant must present a letter from the nursing program in which he/she was enrolled validating eligibility for readmission. If the applicant is admitted to but fails to successfully complete the curriculum requirements of the Ira D. Pruitt Division of Nursing, he/she will be ineligible for readmission.

3. A student who has twice failed a nursing course prior to applying to the Ira D. Pruitt Division of Nursing will be ineligible for admission.

The Division of Nursing offers an Advanced Placement Plan to qualified licensed practical nurses. Further information about the Advanced Placement Plan is available upon request from the office of the Division of Nursing.

2. Progression Requirements

In order to progress in the nursing program, students must:

1. Achieve a minimum grade of “C” (80%) in each nursing course attempted.

2. Achieve a minimum grade of “C” in each general education course.

3. Maintain a cumulative quality point ratio of 2.0 in general education course requirements.

4. Achieve a clinical laboratory grade of “satisfactory” in each nursing course.

5. Maintain current CPR certification, negative TB skin test or chest X-ray, and negative drug screen.

Failure to meet any of the above admission and progression requirements results in academic dismissal from the nursing program. In addition to academic dismissal, the student’s enrollment in the nursing program may be terminated at any time if, in the judgment of the nursing faculty, the student demonstrates behaviors inappropriate to nursing practice. Students whose health status and/or clinical performance jeopardizes the clients assigned to his/her care may also be dismissed from the nursing program. Misconduct will be handled according to the Code of Conduct as outlined in The University of West Alabama Student Handbook and the Progression Policy of the Division of Nursing.
3. Graduation Requirements

Candidates for graduation must have met the progression requirements of the Division of Nursing as well as all University graduation requirements as outlined in the General Catalogue. In addition, a minimum of one academic year in residence and completion of 28 semester hours credit in nursing must be earned at UWA.

Further information on the nursing program can be obtained by writing to the Chairperson, Ira D. Pruitt Division of Nursing, Station 28, The University of West Alabama, Livingston, Alabama 35470.

COURSE REQUIREMENTS FOR THE DEGREE OF ASSOCIATE IN SCIENCE IN NURSING

GENERAL EDUCATION COURSES

At least 30 semester hours credit in general education courses, to include the following:

I. Written Composition .................................................. 6 hours
   Six semester hours from one of the following sequences:
   EH 101, Written English I ......................................... 3
   EH 102, Written English II ......................................... 3
   or
   EH 103, Honors English I ........................................... 3
   EH 104, Honors English II ........................................... 3

II. Natural Sciences .................................................... 15 hours
   BY 231, Human Anatomy and Physiology I ......................... 4
   BY 232, Human Anatomy and Physiology II ......................... 4
   BY 233, Applied Nutrition .......................................... 3
   BY 240, Applied Microbiology ...................................... 4

III. Behavioral Sciences ............................................... 6 hours
   PY 100, General Psychology ........................................ 3
   PY 310, Developmental Psychology ................................ 3

IV. Humanities/Fine Arts ............................................. 3 hours
   Elective ............................................................... 3

NURSING COURSES ................................................... 42 hours

At least 42 semester hours credit in Nursing courses, as follows:
   NS 101, Introduction to Nursing ................................... 2
   NS 102, Foundations of Nursing Practice I ......................... *6
   NS 103, Foundations of Nursing Practice II ......................... *6
   NS 201, Maternal-Child Nursing ..................................... 7
   NS 202, Adult Health Nursing ......................................... 7
   NS 203, Mental Health Nursing ....................................... 5
   NS 204, Advanced Adult and Critical Care Nursing ................. 9

In addition to completion of the course requirements for the Associate in Science in Nursing, students must achieve a passing score on a nationally standardized exit exam in order to be approved for the registered nurse licensure exam (NCLEX-RN).

*LPN's may challenge clinical components of these courses.
The Division of Nursing, in conjunction with the University of Alabama, offers a Bachelor of Science degree in nursing (BSN) for qualified registered nurses. Upon completing the Associate Degree in nursing and passing the registered nurse licensure examination, students may apply for admission to the BSN program. Additional general education course requirements for the BSN may be completed at the University of West Alabama. Additional nursing courses are offered by the University of Alabama through distance education. Further information about the BSN program is available upon request from the office of the Division of Nursing.

I. **History/Literature** ................................................. 9 hours
   History (3 hours)
   One of the following:
   HY 101, Western Civilization (3) or HY 211, American History (3)
   Literature (6 hours)
   EH 221 and 222, British Literature I and II (6) or
   EH 231 and 232, American Literature I and II (6)

II. **Sociology** ......................................................... 3 hours
    SY 100, Principles of Sociology

III. **Chemistry** ....................................................... 8 hours
    CH 101, Introductory General Chemistry ....................... 4
    CH 102, Introductory Organic Chemistry ....................... 4

IV. **Mathematics** .................................................... 3 hours
    MH 113, Precalculus Algebra. .................................... 3

V. **Statistics** ........................................................ 3 hours
    BA 271, Introduction to Business Statistics ................... 3

VI. **Philosophy** ...................................................... 3 hours
    PL 204, Medical Ethics ............................................. 3

VII. **Computer Science** ................................................ 6 hours
    CS 205, Microcomputer Applications ............................ 3
    One of the following: ............................................. 3
    CS 305, Computerized Data Analysis (3)
    CS 320, Visual Basic (3)
    CS 350, Internet Applications I (3)
A 1910 art class at Alabama Normal College (UWA) enjoys the advantages of natural lighting during a lesson on landscape drawing.
V. COLLEGE OF LIBERAL ARTS

TIM EDWARDS, DEAN

GENERAL INFORMATION

PURPOSES

The role of the College of Liberal Arts in fulfilling the overall purposes of UWA encompasses the following objectives:

1. To offer bachelor’s degrees in areas of liberal education, including interdisciplinary areas, wherever student need and resources of the University make such degree programs feasible. At present, majors are offered in English with teacher certification options in English language arts, history with teacher certification options in history and social sciences, psychology, and sociology. Minors are offered in African-American studies, art, English, history, international studies, journalism, music, political science, psychology, and sociology. Through cooperation with the Colleges of Natural Sciences and Mathematics, Business, and Education, students in Liberal Arts may also minor in accounting, biology, business administration, chemistry, computer information systems, environmental sciences, geology, management, marketing, mathematics, physical education, and special education.

2. To prepare students to pursue successful graduate work and professional training in appropriate areas of study. Holders of degrees from the College of Liberal Arts are prepared to begin post-baccalaureate work in English, history, psychology, and sociology, and in many professional areas, such as business, education (Master of Arts in Teaching, etc.), law, library science, public service, social work, and theology.

3. To provide superior undergraduate students with a more stimulating and challenging curriculum, closer contacts with outstanding faculty, and enriched non-traditional classes, as well as to allow the individual to follow his/her own intellectual interests more independently.

4. To provide undergraduate courses in academic major and minor areas and elective liberal arts courses for students in the College of Business, the College of Education, the College of Natural Sciences and Mathematics, and the Division of Nursing.

5. To provide, for all undergraduate students in the University, general education courses in the following liberal arts areas: languages and literature, history and social sciences, and fine arts.

6. To provide beginning undergraduate students with programs designed to assist in their adjustment to college and to help students develop the necessary proficiency in the basic skill areas needed to meet the requirements of the regular college curriculum.

7. To provide two or more years of liberal education for students who have not yet reached a decision about their ultimate academic goals and for students who intend to transfer to more specialized institutions for technical training.

8. To provide graduate-level courses in areas of the liberal arts as needed to support the programs in the School of Graduate Studies. At present, the College of Liberal Arts provides such advanced courses in English, history, and psychology, as well as general courses in several other areas.

9. To enrich the total educational experience of all students and the overall cultural life of the entire University community by providing opportunities for the
enjoyment of, and participation in, intellectual and cultural activities featuring students and faculty, as well as visitors to the campus. Such opportunities include concerts, recitals, dramatic activities, special lectures, symposia, films, workshops, and art exhibits, as well as academic organizations.

ORGANIZATION

The College of Liberal Arts is organized under the Dean into departments, as follows:

1. **The Department of Fine Arts** offers courses in art and music, with minors in both areas.

2. **The Department of History and Social Sciences** offers courses in African-American studies, criminal justice, geography, history, international studies, philosophy, political science, psychology, social work, and sociology. It provides majors in history (with a teacher certification option), psychology, and sociology (traditional, criminal justice, and social-work tracks), teacher certification in social science, and minors in African-American studies, history, international studies, political science, psychology, and sociology. It also houses offerings in Air Force Studies.

3. **The Department of Languages and Literature** offers courses in English (with a teacher certification option in English language arts), French, journalism, Spanish, speech, and theatre, with a major in English and minors in English and journalism.

4. **The Livingston Press** annually publishes four or more volumes of distinguished fiction and/or folklore.

5. **The Honors Program** offers academically talented undergraduates enhanced academic preparation for four years. The program design combines classroom study with participation in social and cultural activities.

POLICIES

Students in the College of Liberal Arts should be familiar with the following policies of this College:

1. **Academic Advising**
   a. Upon entering the College of Liberal Arts, each student is assigned to an advisor who counsels with him/her regarding the course of study each semester. Advisor assignments are changed as necessary to ensure that each student is advised by a faculty member with a particular responsibility in the student’s area of interest. Students who have not yet declared a major are also assigned to the College of Liberal Arts and are advised by a faculty member designated to work with undeclared majors.
   
   b. Since students are expected generally to complete the forty-eight semester hours in the basic curriculum within the freshman and sophomore years, each student during this period must take most of his/her work in basic courses.
   
   c. Advisors are responsible for providing general guidance as students plan their work toward graduation. They may on occasion refer students to the Dean or to others for approval of unusual programs. The assigned advisor or the Dean of the College must sign each registration form and any change forms. Each student, however, has full responsibility for determining his/her own status in regard to the acceptability of his/her schedule and progress toward meeting graduation requirements.
2. Residence Requirement

A candidate for a degree in the College of Liberal Arts must be officially registered in the College for at least two full semesters after the freshman year, one of which must be the semester immediately preceding completion of the requirements for the degree. To comply with this latter stipulation, a student must complete the transfer to the College of Liberal Arts prior to registration for the last semester in residence.

SPECIAL PROGRAMS

HONORS PROGRAM

The UWA Honors Program is administered through the College of Liberal Arts. The primary goals of the Honors Program are to provide the superior undergraduate student with a more stimulating and challenging curriculum, closer contacts with outstanding faculty, and enriched classes, as well as allow the individual to follow his or her own intellectual interests more independently. The program combines academic study with participation in social and cultural activities and provides Honors students with frequent opportunities for interaction with like-minded peers. The Honors Program offers life in a community of individuals with a shared commitment to scholarship and to each other.

The program is open to entering freshmen with an ACT composite score of 22 or higher and an area score of 24 or higher in science reasoning, English, or reading or 23 in mathematics and appropriate scores on math placement tests. Students who have earned between 32 and 63 hours at UWA and have a cumulative GPA of 3.25 or higher in non-elective hours may apply for entry to the Honors Program. Transfer students who are interested should apply to the Director of the Honors Program for admission.

Entering freshmen with an ACT composite score of 28 or higher and individual scores of 28 or higher in English or reading can earn 6 semester hours of credit in history and/or English composition by successfully completing the second course in the history and/or English composition honors sequence.

Honors students pursue their own major within the honors framework. The program curriculum for freshmen includes honors versions of basic curriculum courses (English composition and literature, history, and biology) and a freshman-level University Honors Course, the first of four courses that continue through the sophomore and junior years and culminate in the fourth year with the completion of an honors thesis.

Students meeting all of the requirements of the Honors Program graduate with the designation “Honors Scholar.” Participation in honors courses is noted on official transcripts.

Further information may be obtained from the Director, UWA Honors Program, Station 22, The University of West Alabama, Livingston, AL 35470.

FRESHMAN STUDIES PROGRAM

The Freshman Studies Program is designed to facilitate the entering freshman’s acclimation to the college experience. All entering freshmen or students with 20 hours or less are required to complete UWA 101 during their first semester of enrollment at UWA as part of the General Studies component. Entering freshmen participate in a counseling program prior to their enrollment in which students are evaluated in a variety of ways to determine what academic offerings and what kinds of assistance will best meet their needs and interests. They are also introduced to the campus and...
to many of the faculty and administrative staff and are shown what UWA offers them. Qualified personnel are available for vocational counseling, personal counseling, and other forms of guidance.

A second aspect of the Freshman Studies Program is the provision of special courses designed to help students develop their abilities from the level of competence which they have as they enter college. Students who lack the necessary proficiency in specific areas are assigned to developmental courses in order to provide them with the extra help which they need before enrolling in regular college courses in those areas. At present, developmental courses are offered in the basic skills of reading, writing, and mathematics.

Further information may be obtained from the Dean of Liberal Arts, Station 23, The University of West Alabama, Livingston, Alabama 35470.

PRE-LAW PROGRAM

Since law schools generally do not have specific undergraduate course requirements for admission, there is no single course of study which constitutes a formal pre-law program. Admission to most law schools requires a bachelor’s degree (or in some cases a minimum of three years of undergraduate study), with a specified minimum grade-point average, and an acceptable score on the Law School Admission Test. This test involves general intellectual abilities, skills in organization and expression of ideas, and general knowledge in the fields of the humanities and the social sciences.

The experience of students who have completed law school and the recommendations of law school deans suggest that the student intending to enter the profession of law should probably major in English, history, or political science and minor in another of these areas or in business. In addition, he/she should take as many elective courses as possible in the other two areas. A foreign language is also recommended by some deans.

The following courses, in addition to basic curriculum requirements, are specifically suggested as being relevant to the student’s admission to, and success in, law school:

AC 211 and 212, Accounting I and II
BA 263, Business Law and Legal Environment
BA 363, Advanced Business Law
CS 205, Microcomputer Applications
EC 231, Macroeconomics
EC 232, Microeconomics
EC 320, Evolution of Economic Thought
EC 440, Comparative Economic Systems
EH 301, Advanced Composition
HY 341, History of England to 1603
HY 415, Gilded Age and Progressive Era
HY 416, America from WWI to WWII
HY 417, The Modern Age in the United States
PL 100, An Introduction to Philosophy: Humans and Society
PS 110, American Government
PS 313, Introduction to Law
PS 321, Constitutional Law
PS 351 and 352, Political Philosophy and Political Theory
SY 110, Social Problems
COLLEGE OF LIBERAL ARTS

COURSE REQUIREMENTS FOR THE COMPLETION OF THE BASIC CURRICULUM FOR ALL BACHELOR'S DEGREES

I. Written Composition .................................................. 6 hours
   A. Six semester hours from one of the following sequences:
      EH 101, Written English I ........................................ 3
      EH 102, Written English II ........................................ 3
      OR
      EH 103, Honors English I .......................................... 3
      EH 104, Honors English II ......................................... 3

II. Humanities and Fine Arts ........................................... 15 hours
   A. Six semester hours from one of the following sequences:
      EH 221 and 222, British Literature I and II .................. 6
      EH 231 and 232, American Literature I and II ............... 6
      EH 213 and 214, Honors Literature I and II ................... 6
      OR
      Choose one of the following:
      EH 221, British Literature I .................................... 3
      EH 222, British Literature II ..................................... 3
      EH 231, American Literature I .................................... 3
      EH 232, American Literature II ................................... 3
      AND
      SP 102 (or higher), Introductory Spanish II .................. 3
      OR
      FR 102 (or higher), Introductory French II ................... 3
      OR
      Choose one of the following:
      EH 221, British Literature I .................................... 3
      EH 222, British Literature II ..................................... 3
      EH 231, American Literature I .................................... 3
      EH 232, American Literature II ................................... 3
      EH 213, Honors Literature I ...................................... 3
      EH 214, Honors Literature II ..................................... 3
      AND
      PL 100, Introduction to Philosophy: Humans and Society ..... 3
   NOTE: Students majoring in English and English Language Arts must complete this requirement with a literature sequence.

   B. Three semester hours from the following:
      SH 100, Principles of Public Speaking .......................... 3
      SH 150, Professional Speaking ................................. 3

   C. Six semester hours from the following:
      AT 100, Introduction to Art ..................................... 3
      TH 100, Introduction to Theatre ................................ 3
      MU 100, Introduction to Music (non-music minors) .......... 3
      OR for Honors students, one of the three courses listed above
      AND
      HR 100, Honors Forum ............................................ 1
      AND
      HR 200, Honors Special Topics: Interdisciplinary ............ 2

III. Natural Sciences and Mathematics ............................ 15 hours
   A. Eight semester hours from the following:
BY 101, Introduction to Biology I .................................. 4  
BY 102, Introduction to Biology II ................................. 4  
OR  
BY 103, Honors Biology ..................................... 4  
OR  
BY 104, Principles of Biology ................................... 4  
AND  
BY 212, General Botany ..................................... 4  
OR  
BY 222, General Zoology .................................. 4  

B. Four semester hours from the following:  
CH 101, Introductory General Chemistry .................................. 4  
CH 102, Introductory Organic Chemistry .................................. 4  
EN 100, Introduction to Environmental Sciences ...................... 4  
ES 100, Survey of Earth Science .................................. 4  
PH 100, Survey of Physics ....................................... 4  
PH 190, Astronomy ............................................. 4  
PH 201, College Physics I ..................................... 4  

C. Three semester hours from the following:  
MH 113, Precalculus Algebra ..................................... 3  

IV. History, Social, and Behavioral Sciences ......................... 12 hours  
A. Six semester hours from one of the following sequences:  
HY 101, History of Western Civilization I .......................... 3  
HY 102, History of Western Civilization II ......................... 3  
OR  
HY 103, Honors History I ..................................... 3  
HY 104, Honors History II ..................................... 3  
OR  
HY 211, American History I ..................................... 3  
HY 212, American History II .................................. 3  

B. Six semester hours from the following:  
AN 100, Introduction to Anthropology .................................. 3  
PS 110, American Government .................................. 3  
PY 100, General Psychology ..................................... 3  
SY 100, Principles of Sociology .................................. 3  
OR  
SY 110, Social Problems ........................................ 3  

NOTE: General Social Science certification students must take PY 100,  
General Psychology, and SY 100, Principles of Sociology.  

COURSE REQUIREMENTS FOR THE  
DEGREE OF BACHELOR OF ARTS  

For non-teaching students:  
All courses required in the basic curriculum as shown above, with a 2.0 quality-  
point ratio (overall and in basic curriculum courses at UWA).  
A total of at least one hundred and twenty semester hours with twice as many quality points as hours on record.  
At least twelve semester hours, or the equivalent, of a foreign language with a 2.0 quality-point ratio.
One major and one minor or two majors, as shown in the patterns below, with a 2.0 overall quality-point ratio in each and a 2.0 quality-point ratio in courses at UWA in each. At least twelve semester hours in the major(s), at least eighteen semester hours in the comprehensive major, and at least six semester hours in the minor must be earned at UWA.

*For teaching certification students:*

All courses required in the basic curriculum as shown above, with a 2.5 quality-point ratio (overall and in basic curriculum courses taken at UWA).

A total of at least one hundred and twenty-six semester hours with a 2.5 quality-point ratio.

At least twelve semester hours, or the equivalent, of a foreign language with a 2.0 quality-point ratio.

A major, as shown in the patterns below, and additional courses in the teaching field and professional studies with a 2.5 quality-point ratio and a 2.5 quality-point ratio in the major/teaching field and the professional studies component in courses taken at UWA. No grade below “C” in professional studies or the teaching field(s) may be used to meet certification requirements.

**COURSE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE**

*For non-teaching students:*

All courses required in the basic curriculum as shown above, with a 2.0 quality-point ratio (overall and in basic curriculum courses at UWA).

A total of at least one hundred and twenty semester hours with twice as many quality points as hours on record.

One major and one minor or two majors, as shown in the patterns below, with a 2.0 overall quality-point ratio in each and a 2.0 quality-point ratio in courses at UWA in each. At least twelve semester hours in the major(s), at least eighteen semester hours in the comprehensive major, and at least six semester hours in the minor must be earned at UWA.

*For teaching certification students:*

All courses required in the basic curriculum as shown above, with a 2.5 quality-point ratio (overall and in basic curriculum courses taken at UWA).

A total of at least one hundred and twenty-six semester hours with a 2.5 quality-point ratio.

A major, as shown in the patterns below, and additional courses in the teaching field and professional studies with a 2.5 quality-point ratio and a 2.5 quality-point ratio in the major/teaching field and the professional studies component in courses taken at UWA. No grade below “C” in professional studies or the teaching field(s) may be used to meet certification requirements.

**MAJORS**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>36</td>
</tr>
<tr>
<td>EH 301, Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>EH 302, Introduction to Research</td>
<td>3</td>
</tr>
<tr>
<td>EH 422, Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>At least one of the following sequences:</td>
<td>6</td>
</tr>
<tr>
<td>EH 221, British Literature I</td>
<td></td>
</tr>
<tr>
<td>EH 222, British Literature II</td>
<td></td>
</tr>
</tbody>
</table>
EH 231, American Literature I
EH 232, American Literature II
*Basic Curriculum requirements call for one of the sequences; here the student should take the other sequence.
At least one of the following 400-level courses in
British Literature before 1800: ........................................ 3
   EH 421, Chaucer and Selected Medieval Literature
   EH 423, English Literature of the 17th Century
   EH 424, English Literature of the 18th Century
   EH 426, The English Novel
At least two of the following 400-level courses in
British Literature after 1800: .......................................... 6
   EH 410, 20th Century Poetry
   EH 425, 19th Century English Poetry
   EH 426, The English Novel
   EH 450, Contemporary Fiction
   EH 498, Special Topics in English
At least two of the following 400-level courses in
American Literature ................................................ 6
   EH 410, 20th Century Poetry
   EH 436, The American Novel
   EH 450, Contemporary Fiction
   EH 498, Special Topics in English
*The creative writing courses, EH 370, EH 379, and EH 470 may be used for one of the requirements.
At least one of the following: ......................................... 3
   EH 310, Popular Culture
   EH 311, Women’s Literature
   EH 330, African-American Literature
   EH 335, Southern Literature
At least one of the following: ......................................... 3
   EH 440, Literary Criticism
   EH 460, Advanced Grammar and Linguistics
   (At least twelve hours of a foreign language and a survey course in English history are also suggested for English majors, especially those intending to enter graduate school.)

**The total number of hours in EH 370, EH 470, and EH 379 that an English major or minor may use in meeting major or minor requirements is limited to four.

English majors pursuing teacher certification in English Language Arts should follow the pattern below. Students should refer to the College of Education section of the Catalogue for a listing of additional requirements for teacher certification.

ENGLISH LANGUAGE ARTS (Teacher Certification) ........................................ 60
   EH 221, British Literature I ........................................... 3
   EH 222, British Literature II ......................................... 3
   EH 231, American Literature I ........................................ 3
   EH 232, American Literature II ........................................ 3
   OR
   EH 213, Honors Literature I ......................................... 3
   EH 214, Honors Literature II ......................................... 3
   EH 301, Advanced Composition ....................................... 3
   EH 302, Introduction to Research ................................... 3
**Courses**  
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH 422, Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>EH 440, Literary Criticism</td>
<td>3</td>
</tr>
<tr>
<td>EH 460, Advanced Grammar and Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>EH 480, Teaching Composition</td>
<td>3</td>
</tr>
<tr>
<td>EH 489, Tutorial Practicum for Teachers</td>
<td>1</td>
</tr>
<tr>
<td><strong>Choice of the following electives in English</strong></td>
<td>6</td>
</tr>
<tr>
<td>EH 310, Popular Culture</td>
<td></td>
</tr>
<tr>
<td>EH 311, Women’s Literature</td>
<td></td>
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<tr>
<td>EH 330, African-American Literature</td>
<td></td>
</tr>
<tr>
<td>EH 335, Southern Literature</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Courses in the Teaching Field</strong></td>
<td></td>
</tr>
<tr>
<td>EE 304, Literature for Children and Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>JN 200, Introduction to Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td><strong>Two of the following three Journalism courses</strong></td>
<td></td>
</tr>
<tr>
<td>JN 219, Journalism Practicum: Print</td>
<td>1</td>
</tr>
<tr>
<td>JN 259, Journalism Practicum: Publishing</td>
<td>1</td>
</tr>
<tr>
<td>JN 279, Journalism Practicum: Broadcasting</td>
<td>1</td>
</tr>
<tr>
<td>SH 100, Principles of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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<tr>
<td>SH 150, Professional Speaking</td>
<td>3</td>
</tr>
<tr>
<td>TH 100, Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TH 310, Acting</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>TH 480, Producing the School Play</td>
<td></td>
</tr>
<tr>
<td><strong>Electives in Language Arts</strong></td>
<td>6</td>
</tr>
</tbody>
</table>

**HISTORY**  

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of the following sequences:</td>
<td></td>
</tr>
<tr>
<td>HY 101, History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HY 102, History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>HY 103, Honors History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 104, Honors History II</td>
<td>3</td>
</tr>
<tr>
<td>HY 211, American History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 212, American History II</td>
<td>3</td>
</tr>
<tr>
<td>HY 300, Historical Methodologies and Practices</td>
<td>3</td>
</tr>
<tr>
<td>HY 400, Seminar in Historical Studies</td>
<td>3</td>
</tr>
<tr>
<td>Electives in History (from the 300 and 400 series)*</td>
<td>15</td>
</tr>
</tbody>
</table>

*All History majors must have at least one non-American elective.

History majors pursuing teacher certification in History should follow the pattern below. Students should refer to the College of Education section of the *Catalogue* for a listing of additional requirements for teacher certification.

**HISTORY (History Teacher Certification)**  

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of the following sequences:</td>
<td></td>
</tr>
<tr>
<td>HY 101, History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HY 102, History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>HY 103, Honors History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 104, Honors History II</td>
<td>3</td>
</tr>
<tr>
<td>HY 211, American History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 212, American History II</td>
<td>3</td>
</tr>
<tr>
<td>Courses</td>
<td>Hours</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>HY 300, Historical Methodologies and Practices</td>
<td>3</td>
</tr>
<tr>
<td>HY 400, Seminar in Historical Studies</td>
<td>3</td>
</tr>
<tr>
<td>HY 420, History of Alabama</td>
<td>3</td>
</tr>
<tr>
<td>HY 450, History of East Asia</td>
<td>3</td>
</tr>
<tr>
<td>Electives in History (from the 300 and 400 series)</td>
<td>9</td>
</tr>
</tbody>
</table>

History majors pursuing teacher certification in General Social Science should follow the pattern below. Students should refer to the College of Education section of the Catalogue for a listing of additional requirements for teacher certification.

**HISTORY (General Social Science Teacher Certification)**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HY 101, History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HY 102, History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>HY 103, Honors History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 104, Honors History II</td>
<td>3</td>
</tr>
<tr>
<td>HY 211, American History I</td>
<td>3</td>
</tr>
<tr>
<td>HY 212, American History II</td>
<td>3</td>
</tr>
<tr>
<td>HY 300, Historical Methodologies and Practices</td>
<td>3</td>
</tr>
<tr>
<td>HY 400, Seminar in Historical Studies</td>
<td>3</td>
</tr>
<tr>
<td>HY 420, History of Alabama</td>
<td>3</td>
</tr>
<tr>
<td>HY 450, History of East Asia</td>
<td>3</td>
</tr>
<tr>
<td>Electives in History (from the 300 and 400 series)</td>
<td>9</td>
</tr>
</tbody>
</table>

**Additional Courses in the Teaching Field**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 231, Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 232, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GY 100, Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>PS 110, American Government</td>
<td>3</td>
</tr>
<tr>
<td>PY 100, General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SY 100, Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>PS 310, State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PS 330, Comparative Government</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PS 340, International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**PSYCHOLOGY**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PY 100, General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PY 200, History and Systems</td>
<td>3</td>
</tr>
<tr>
<td>PY 355, Learning and Motivation</td>
<td>3</td>
</tr>
<tr>
<td>PY 370, Statistics for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PY 300, Experimental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PY 480, Psychology Seminar</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PY 490, Psychology Research Project</td>
<td></td>
</tr>
</tbody>
</table>

Approved electives in Psychology (from the 300-400 series). 15

**SOCIOLOGY: CRIMINAL JUSTICE TRACK**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 200, Introduction to the Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>CJ 221, Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CJ 260, Corrections</td>
<td></td>
</tr>
<tr>
<td>CJ 499, Criminal Justice Practicum</td>
<td>3</td>
</tr>
<tr>
<td>PS 313, Introduction to Law</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>SY 100</td>
<td>Principles of Sociology</td>
</tr>
<tr>
<td>SY 110</td>
<td>Social Problems</td>
</tr>
<tr>
<td>SY 312</td>
<td>Minority Relations</td>
</tr>
<tr>
<td>SY 350</td>
<td>Modern Sociological Theory</td>
</tr>
<tr>
<td>SY 381</td>
<td>Criminology</td>
</tr>
<tr>
<td>SY 382</td>
<td>The Criminal Justice System</td>
</tr>
</tbody>
</table>

**SOCILOGY: TRADITIONAL TRACK**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY 100</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SY 110</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SY 312</td>
<td>Minority Relations</td>
<td>3</td>
</tr>
<tr>
<td>SY 350</td>
<td>Modern Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SY 360</td>
<td>Methods of Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SY 370</td>
<td>Statistics for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Approved electives in Sociology (from the 300 series)</td>
<td>12</td>
</tr>
</tbody>
</table>

**SOCILOGY: SOCIAL WORK TRACK**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY 100</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SY 110</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SY 350</td>
<td>Modern Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SW 300</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SY 311</td>
<td>Sociology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>SY 312</td>
<td>Minority Relations</td>
<td>3</td>
</tr>
<tr>
<td>SY 336</td>
<td>Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SW 390</td>
<td>Social Work Methods</td>
<td>3</td>
</tr>
<tr>
<td>SW 499</td>
<td>Field Practicum</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Approved elective in Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>
For more than five decades, UWA has offered pre-professional training in fields such as medicine, law, forestry, and engineering. Biology instructor Alice Jones works with both biology and pre-med students in an anatomy lab during the 1959-60 school term.
GENERAL INFORMATION

PURPOSES

The role of the College of Natural Sciences and Mathematics in fulfilling the overall purposes of UWA encompasses the following objectives:

1. To offer bachelor’s degrees in the areas of science and mathematics, including interdisciplinary areas, wherever student need and resources of the University make such degree programs feasible. At present, majors are offered in biology, chemistry, environmental sciences, marine biology, mathematics, and mathematics-computer information systems. Minors are offered in biology, chemistry, environmental sciences, medical sciences and mathematics. Through cooperation with the College of Business, College of Education, and College of Liberal Arts, students in Natural Sciences and Mathematics are also allowed to take minors in American politics, accounting, art, computer information systems, general business, English, English: professional writing, history, international studies, journalism, management, marketing, music, physical education, political theory and international politics, psychology, and sociology.

2. To provide general education courses in the natural sciences and mathematics for all undergraduate students in the University.

3. To provide undergraduate courses in academic major and minor areas and elective natural sciences and mathematics courses for students in the College of Business, the College of Education, College of Liberal Arts, and the Division of Nursing.

4. To provide superior undergraduate students with a more stimulating and challenging curriculum, closer contacts with outstanding faculty, and enriched non-traditional classes, as well as to allow the individual to follow his/her own intellectual interests more independently.

5. To help students develop the necessary proficiency in the basic skill areas needed to meet the requirements of the regular college curriculum.

6. To provide graduate-level courses in the natural sciences and mathematics as needed to support the programs in the School of Graduate Studies.

7. To prepare students to pursue successful graduate work and professional training in appropriate areas of study. Holders of degrees from the College of Natural Sciences and Mathematics are prepared to begin post-baccalaureate work in biology, chemistry, environmental sciences, mathematics and medical technology, and in many professional areas, such as dentistry, education (Master of Arts in Teaching, etc.), and medicine.

8. To provide two or more years of science and mathematics for students who intend to transfer to more specialized institutions for technical training in such areas as agriculture, engineering, forestry, pharmacy, veterinary medicine, and allied health.
ORGANIZATION

The College of Natural Sciences and Mathematics is organized under the Dean into units, as follows:

1. **The Department of Biological and Environmental Sciences**, offering majors in biology, biology education, environmental sciences, marine biology, science education comprehensive, and minors in biology, environmental science, and medical sciences.

2. **The Department of Mathematics**, offering a major and minor in mathematics, a major in mathematics education, and a major in mathematics-computer information systems.

3. **The Department of Physical Sciences**, offering a major and minor in chemistry and a major in chemistry education.

4. **The Sumter County Nature Trust**, supporting the study of the natural history of Sumter County and the Black Belt region and providing environmental education activities for students and adults.

5. **The West Alabama Environmental Services Center**, providing service to educational institutions, industries, and governmental bodies.

BACCALAUREATE PROGRAMS

The College of Natural Sciences and Mathematics offers baccalaureate degrees in Biology, Chemistry, Environmental Sciences, Marine Biology, Mathematics, and Mathematics-Computer Information Systems. These programs are described below with course requirements given in the *Departmental Majors Curriculum* section. Additional information may be obtained from the Dean of the College of Natural Sciences and Mathematics, Station 7, The University of West Alabama, Livingston, Alabama 35470-2009.

BIOLOGY

The Biology major provides valuable training for numerous careers, including agronomy, animal science, and various medical professions. It may also lead to graduate work and specialization in research and teaching.

The Biology program is designed to expose the student to concepts common to all areas of biology. Students take courses in general biology, botany, zoology, genetics, cell/molecular biology, and ecology, as well as a variety of electives. The Biology major offers possibilities for specialization in such areas as cell biology, genetics, microbiology, zoology, botany, and ecology.

Extensive laboratory or field work is a component of many of the advanced classes in biology. This provides students with the opportunity to examine first-hand the living systems they are studying and to learn techniques of asking research hypotheses regarding them. The ALFA Environmental Center on the UWA campus provides access and is available for classes and research activities. Field trips are extensively utilized and include trips to local streams, ponds, and forests, as well as extended trips to the Gulf Coast or the Great Smoky Mountains National Park.

BIOLOGY COMPREHENSIVE

The Biology Comprehensive major is designed primarily for students who wish to gain admission into professional schools (medical, veterinary, dentistry, physical therapy, optometry) or graduate school. This pattern includes courses in human
biology, advanced mathematics, physics, and chemistry and is designed to prepare students for professional school admission exams.

UWA offers basic courses to students who plan to enter medical, dental, optometry, or veterinary schools. In general, these program requirements are similar for medicine and dentistry. Students planning careers in one of these fields should indicate their intentions to the Dean of the College of Natural Sciences and Mathematics upon entering college, or as soon as they decide on one of these professions. Students are assigned an advisor who assists in planning a program of study designed to meet the admission requirements for these professional programs.

There is some variation in the admission requirements of various professional schools. For this reason, a student should indicate to their advisor the specific professional school to which he/she intends to apply so that a program of study can be designed to fulfill requirements for the particular school.

The University of West Alabama is a member of the Alabama Medical Education Consortium, which links several Alabama colleges and universities with schools of osteopathic medicine. Students accepted into this program complete three years at UWA prior to admission to medical school. They receive a baccalaureate degree with a major in Biology Comprehensive after successfully completing selected classes in their first year of medical school.

CHEMISTRY

The Chemistry major provides a student with the basic chemical knowledge to work in the various fields of the chemical industry. A graduate holding a bachelor’s degree in Chemistry may be employed by a chemical company as a production chemist or a research chemist. Chemistry majors may also pursue attractive careers in fields other than with the chemical industry. After acquiring advanced degrees, they may enter teaching and/or research professions or enter other chemistry-related professions such as medicine, dentistry, pharmacy, medical technology, or veterinary medicine.

The curriculum for the Chemistry major includes descriptive, quantitative, and theoretical study in the areas of general, analytical, biochemistry, inorganic, organic, and physical chemistry. In order to succeed in Chemistry, a student must also have eight semester hours of general physics, as well as mathematics through Calculus II.

ENVIRONMENTAL SCIENCES

UWA offers a 53 semester-hour comprehensive major in Environmental Sciences. The program provides the basic knowledge and training needed to work in a number of environmentally-related fields. Waste disposal companies, paper mills, chemical companies, testing laboratories, state and federal agencies responsible for monitoring environmental quality, and environmental consulting firms hire environmental scientists. As public awareness of environmental quality grows, this field will offer promising and rewarding careers in great numbers.

Students take general education courses, science and mathematics core courses, and a variety of courses in the areas of biology, chemistry, geology, and physics. During the students’ senior year, they intern at one of a number of intern sites with which UWA is affiliated. Students receive 12 semester hours of academic credit for this internship, as well as gain work experience in environmentally related activities before graduating.

MARINE BIOLOGY

UWA is a member of the Alabama Marine Environmental Science Consortium (MESC). The Consortium consists of participating member colleges and universi-
ties from the State of Alabama. Its objectives are to provide educational programs in marine sciences on both the undergraduate and graduate levels and to promote and encourage pure and applied research in marine sciences and related areas.

Through MESC, UWA offers a 53 semester-hour comprehensive major in Marine Biology which includes courses in biology, chemistry, geology, marine sciences, and physics. Students complete the general education courses, science and mathematics core courses, and 37 semester hours of the comprehensive major courses on the UWA campus. Sixteen semester hours in the marine sciences are completed at the MESC Marine Laboratory, located at Dauphin Island, Alabama.

MATHEMATICS

The Mathematics major provides a student with the computational, reasoning, and problem solving skills needed to work in a variety of fields. Mathematics is used extensively in business, the social sciences, the life sciences, and the physical sciences. With undergraduate preparation in Mathematics, one can qualify for desirable positions in business or industry. With advanced training in Mathematics a student can enter various research and/or teaching positions.

The Mathematics major includes courses in Calculus, Abstract and Linear Algebra, Analysis, and various electives in upper-level Mathematics. To ensure the best preparation for college mathematics, a student should take as much Mathematics as possible in high school. A student without such background may still major in Mathematics, but may have to take several lower-level courses in preparation for course work in the major.

A well-equipped computer laboratory serves the Mathematics major. This facility not only enhances the learning process, but also helps the student develop computer literacy, which is so important in today’s job market.

Actuarial Science encompasses the study of mathematics, finance, insurance, and risk management, and is a highly lucrative area of specialty for students taking both mathematics and business courses. Students who wish to consider Actuarial Science should take as a minimum the Calculus sequence (MH 121, MH 122, and MH 223) and MH 341 Probability and Statistics to be able to qualify for the first Actuarial Examination. For the second Actuarial Examination, students need to have taken at least EC 231, EC 232, and FI 300 along with all necessary prerequisites for both mathematics and business courses.

MATHEMATICS-COMPUTER INFORMATION SYSTEMS

The Mathematics-Computer Information Systems Comprehensive Major provides the student the quantitative, analytic, and problem-solving skills from mathematics along with the programming and application skills from Computer Science. With undergraduate preparation in both mathematics and computer science, students can qualify for desirable positions in business, industry, and applied research facilities. Graduates from this program will be qualified for advanced study in both areas.

To ensure the best preparation for this comprehensive major, the student should take as much mathematics as possible in high school. The major pattern assumes readiness for Calculus I as a beginning mathematics course.

A minor is not necessary for the student in this program.
REQUIREMENTS FOR ALL BACHELOR’S DEGREES

RESIDENCE REQUIREMENTS
A candidate for a degree in the College of Natural Sciences and Mathematics must be officially registered in the College for at least two semesters after the freshman year, one of which must be the semester immediately preceding completion of the requirements for the degree. To comply with this latter stipulation, a student must complete the transfer to the College of Natural Sciences and Mathematics prior to registration for the last semester in residence.

COURSE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

For non-teaching students:
All courses required in the basic curriculum as shown below, with a 2.0 quality-point ratio (overall and in basic curriculum courses at UWA).
A total of at least one hundred and twenty semester hours with twice as many quality points as hours on record.
At least twelve semester hours, or the equivalent, of a foreign language with a 2.0 quality-point ratio.
One major and one minor, one comprehensive major, or two majors, as shown in the patterns below, with a 2.0 overall quality-point ratio in each and a 2.0 quality-point ratio in courses at UWA in each. At least twelve semester hours in the major(s), at least eighteen semester hours in the comprehensive major, and at least six semester hours in the minor must be earned at UWA.

For teaching certification students:
All courses required in the basic curriculum as shown below, with a 2.5 quality-point ratio (overall and in basic curriculum courses taken at UWA).
A total of at least one hundred and twenty semester hours with a 2.5 quality-point ratio.
At least twelve semester hours, or the equivalent, of a foreign language with a 2.0 quality-point ratio.
A major, as shown in the patterns below, and additional courses in the teaching field and professional studies with a 2.5 quality-point ratio and a 2.5 quality-point ratio in the major/teaching field and the professional studies component in courses taken at UWA. No grade below “C” in professional studies or the teaching field(s) may be used to meet certification requirements.

COURSE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

For non-teaching students:
All courses required in the basic curriculum as shown below, with a 2.0 quality-point ratio (overall and in basic curriculum courses at UWA).
A total of at least one hundred and twenty semester hours with twice as many quality points as hours on record.
One major and one minor, one comprehensive major, or two majors, as shown in the patterns below, with a 2.0 overall quality-point ratio in each and a 2.0 quality-
point ratio in courses at UWA in each. At least twelve semester hours in the major(s), at least eighteen semester hours in the comprehensive major, and at least six semester hours in the minor must be earned at UWA.

For teaching certification students:
All courses required in the basic curriculum as shown below, with a 2.5 quality-point ratio (overall and in basic curriculum courses taken at UWA).
A total of at least one hundred and twenty semester hours with a 2.5 quality-point ratio.
A major, as shown in the patterns below, and additional courses in the teaching field and professional studies with a 2.5 quality-point ratio and a 2.5 quality-point ratio in the major/teaching field and the professional studies component in courses taken at UWA. No grade below “C” in professional studies or the teaching field(s) may be used to meet certification requirements.

THE BASIC CURRICULUM
Basic curriculum requirements in natural sciences and mathematics are to be met by completing the discipline specific core.

<table>
<thead>
<tr>
<th>I. Written Composition</th>
<th>........................................ 6 hours</th>
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<tbody>
<tr>
<td>A. Six semester hours from one of the following sequences:</td>
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</tr>
<tr>
<td>EH 101, Written English I</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>EH 102, Written English II</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EH 103, Honors English I</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>EH 104, Honors English II</td>
<td>........................................ 3</td>
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<table>
<thead>
<tr>
<th>II. Humanities and Fine Arts</th>
<th>......................................... 15 hours</th>
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<tbody>
<tr>
<td>A. Choose one of the following sequences:</td>
<td></td>
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<tr>
<td>EH 221 and 222, British Literature I and II</td>
<td>........................................ 6</td>
</tr>
<tr>
<td>EH 231 and 232, American Literature I and II</td>
<td>........................................ 6</td>
</tr>
<tr>
<td>EH 213 and 214, Honors Literature I and II</td>
<td>........................................ 6</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Choose one of the following:</td>
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</tr>
<tr>
<td>EH 221, British Literature I</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>EH 222, British Literature II</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>EH 231, American Literature I</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>EH 232, American Literature II</td>
<td>........................................ 3</td>
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<tr>
<td>AND</td>
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<tr>
<td>SP 102 (or higher), Introductory Spanish II</td>
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<tr>
<td>OR</td>
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<tr>
<td>FR 102 (or higher), Introductory French II</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PL 100, Introduction to Philosophy: Humans and Society</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PL 204, Medical Ethics</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>B. Any two of the following:</td>
<td></td>
</tr>
<tr>
<td>AT 100, Introduction to Art</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>MU 100, Introduction to Music</td>
<td>........................................ 3</td>
</tr>
<tr>
<td>TH 100, Introduction to Theatre</td>
<td>........................................ 3</td>
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<tr>
<td>OR, for Honor students, any one of the above AND</td>
<td></td>
</tr>
<tr>
<td>HR 100, Honor Forum</td>
<td>........................................ 1</td>
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<tr>
<td>AND</td>
<td></td>
</tr>
<tr>
<td>HR 200, Honors Special Topics: Interdisciplinary</td>
<td>........................................ 2</td>
</tr>
</tbody>
</table>
C.  Three semester hours from the following:
   SH 100, Principles of Public Speaking ....................... 3
   SH 150, Professional Speaking .............................. 3

III. Natural Sciences and Mathematics .......................... 11 hours
   BY 101, Introduction to Biology I (for math majors only) ........... 4
   OR
   BY 103, Honors Biology ..................................... 4
   OR
   BY 104, Principles of Biology .............................. 4
   MH 114, Precalculus Trigonometry, or higher ...................... 3

   For majors in Chemistry, Biological or Environmental Sciences:
   CH 111, General Chemistry I .................................. 4

   For majors in Mathematics and Mathematics-Computer
   Information Systems:
   PH 211, Technical Physics I .................................. 4

IV. History, Social, and Behavioral Sciences ....................... 12 hours
   A. Six semester hours from one of the following sequences:
      HY 101, History of Western Civilization I .................. 3
      HY 102, History of Western Civilization II ................. 3
      OR
      HY 103, Honors History I ................................... 3
      HY 104, Honors History II .................................. 3
      OR
      HY 211, American History I .................................. 3
      HY 212, American History II ................................ 3

   B. Six semester hours from the following:
      AN 100, Introduction to Anthropology ...................... 3
      EC 231, Macroeconomics* .................................... 3
      EC 232, Microeconomics* .................................... 3
      PS 110, American Government ................................ 3
      PY 100, General Psychology ................................ 3
      SY 100, Principles of Sociology ............................ 3
      OR
      SY 110, Social Problems .................................... 3

*Required for MH and MH-CIS majors.

BIOLOGICAL AND ENVIRONMENTAL SCIENCES AND
MARINE BIOLOGY CORE CURRICULUM ............................. 24 hours
   BY 212, General Botany ....................................... 4
   BY 222, General Zoology ....................................... 4
   CH 112, General Chemistry II ................................ 4
   CH 241, Organic Chemistry I .................................. 4
   CH 242, Organic Chemistry II .................................. 4
   MH 246, Applied Statistics in Science .......................... 4

CHEMISTRY MAJOR CORE CURRICULUM ............................. 24 hours
   CH 112, General Chemistry II ................................. 4
   MH 121 and 122, Calculus I and II ............................. 8
   MH 246, Applied Statistics in Science .......................... 4
   PH 201 and 202, College Physics I and II ..................... 8
MATHMATICS MAJOR CORE CURRICULUM .......................... 19 hours
CS 205, Microcomputer Applications (for non-CIS majors or minors) ........ 3
OR
CS 210, Introduction to CIS**
OR
*ED 405, Technology and Education
MH 121 and 122, Calculus I and II ..................................... 8
MH 223, Multivariable Calculus ....................................... 4
PH 212, Technical Physics II .......................................... 4

*Required for teacher certification students.
**For Mathematics/CIS majors or CIS minors

MAJORS

Courses  Hours

BIOLOGY ........................................................ 36
BY 242, General Microbiology ........................................ 4
BY 308, Seminar in Biology ........................................... 1
BY 380, Genetics ..................................................... 4
BY 390 Evolution and Systematics ................................... 3
BY 400 Senior Seminar .............................................. 1
BY 450, Ecology .................................................... 4
Any one of the following: ............................................ 4
    BY 471, Biochemistry I
    BY 472, Cell Biology
Approved Electives in Biology from the 300-400 series (with at least 4 from botanical sciences and at least 4 from zoological sciences). .......... 15

BIOLOGY COMPREHENSIVE (Medical) ............................... 60
BY 231, Human Anatomy and Physiology I .......................... 4
BY 232, Human Anatomy and Physiology II .......................... 4
BY 242, General Microbiology ........................................ 4
BY 308, Seminar in Biology ........................................... 1
BY 380, Genetics ..................................................... 4
BY 390, Evolution and Systematics ................................... 3
BY 400, Senior Seminar .............................................. 1
BY 450, Ecology .................................................... 4
BY 471, Biochemistry I .............................................. 4
BY 472, Cell Biology ............................................... 4
MH 121, Calculus I .................................................. 4
PH 201, College Physics I ........................................... 4
PH 202, College Physics II ........................................... 4
Approved Electives ................................................ 15
<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGY COMPREHENSIVE (General)</td>
<td>60</td>
</tr>
<tr>
<td>BY 242, General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BY 308, Seminar in Biology</td>
<td>1</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 390, Evolution and Systematics</td>
<td>3</td>
</tr>
<tr>
<td>BY 400, Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BY 450, Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BY 471, Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>BY 472, Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>MH 121, Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PH 201, College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PH 202, College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>Approved electives (300-400 level) in math or</td>
<td>23</td>
</tr>
<tr>
<td>sciences 16 hrs must be in BY</td>
<td></td>
</tr>
</tbody>
</table>

Biology majors pursuing teacher certification in Biology should follow the pattern below. Students should refer to the College of Education section of the Catalogue for a listing of additional requirements for teacher certification.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGY (Biology Teacher Certification)</td>
<td>33</td>
</tr>
<tr>
<td>BY 242, General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BY 308, Seminar in Biology</td>
<td>1</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 390, Evolution and Systematics</td>
<td>3</td>
</tr>
<tr>
<td>BY 400, Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BY 410, Plant Taxonomy and Field Techniques</td>
<td>4</td>
</tr>
<tr>
<td>BY 420, Field Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 450, Ecology</td>
<td>4</td>
</tr>
<tr>
<td>One of the following</td>
<td>4</td>
</tr>
<tr>
<td>BY 471, Biochemistry I</td>
<td></td>
</tr>
<tr>
<td>BY 472, Cell Biology</td>
<td></td>
</tr>
<tr>
<td>Approved Biology electives</td>
<td>4</td>
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</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMISTRY</td>
<td>35</td>
</tr>
<tr>
<td>CH 241, Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 242, Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 308, Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CH 321, Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 351, Physical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 352, Physical Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 422, Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 431, Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CH 471, Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Approved elective in Chemistry (from 300-400 series)</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMISTRY COMPREHENSIVE</td>
<td>55-58</td>
</tr>
<tr>
<td>CH 241, Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 242, Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 308, Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CH 321, Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 351, Physical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 352, Physical Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 431, Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CH 471, Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Courses</td>
<td>Hours</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
</tr>
<tr>
<td>CH 472, Biochemistry II</td>
<td>4</td>
</tr>
<tr>
<td><strong>Traditional Track</strong></td>
<td></td>
</tr>
<tr>
<td>CH 360, Environmental Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CH 422, Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 423, Advanced Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CH 432, Inorganic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 491, Undergraduate Research</td>
<td>2</td>
</tr>
<tr>
<td>MH 213, Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 223, Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MH 224, Applied Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td><strong>Forensic Chemistry Track</strong></td>
<td></td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 472, Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CH 422, Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 423, Advanced Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CJ 200, Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>SY 381, Introduction to Criminology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Biochemistry Track</strong></td>
<td></td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 472, Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CH 422, Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CH 423, Advanced Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CH 341, Organic Reactions and Mechanisms</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CH 360, Environmental Chemistry</td>
<td>4</td>
</tr>
<tr>
<td><strong>CHEMISTRY (Teacher Certification)</strong></td>
<td>29</td>
</tr>
<tr>
<td>CH 241, Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 242, Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 308, Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CH 321, Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 351, Physical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 352, Physical Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CH 360, Environmental Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CH 471, Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry majors pursuing teacher certification in Chemistry should follow the pattern listed above. Students should refer to the College of Education section of the Catalogue for a listing of additional requirements for teacher certification.</td>
<td></td>
</tr>
<tr>
<td><strong>ENVIRONMENTAL SCIENCES COMPREHENSIVE (Industry)</strong></td>
<td>54</td>
</tr>
<tr>
<td>BY 242, General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BY 308, Seminar in Biology</td>
<td>1</td>
</tr>
<tr>
<td>BY 400, Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Courses</td>
<td>Hours</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>CH 321, Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>EN 100, Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>EN 360, Environmental Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>EN 404, Techniques of Research and Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EN 409, Environmental Sciences Internship*</td>
<td>12</td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>PH 201, College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PH 202, College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>TY 352, Hazardous Waste Operations and Emergency Response</td>
<td>3</td>
</tr>
<tr>
<td>Approved electives (300-400 level) in Biology, Chemistry,</td>
<td>7</td>
</tr>
<tr>
<td>Environmental Sciences, Geology, or Technology.</td>
<td></td>
</tr>
<tr>
<td>*Note. Many intern sites require a G.P.A. of 2.5 or higher in the Environ-</td>
<td></td>
</tr>
<tr>
<td>mental Sciences Core and Comprehensive courses.</td>
<td></td>
</tr>
</tbody>
</table>

**ENVIRONMENTAL SCIENCES COMPREHENSIVE**

(Natural Resources) ................................................................... 54
| BY 308, Seminar in Biology                                             | 1     |
| BY 380, Genetics                                                      | 4     |
| **One of the following two courses:**                                 |       |
| BY 410, Plant Taxonomy and Field Techniques                           | 4     |
| BY 420, Field Zoology                                                 | 4     |
| BY 400, Senior Seminar                                                | 1     |
| BY 450, Ecology                                                       | 4     |
| EN 100, Introduction to Environmental Sciences                       | 4     |
| EN 404, Techniques of Research and Data Analysis                     | 3     |
| EN 409, Environmental Sciences Internship*                            | 12    |
| **One of the following two courses:**                                 |       |
| EN 455, Ecological Management                                         | 3     |
| EN 456, Ecological Restoration                                       | 3     |
| GE 102, Physical Geology                                             | 4     |
| TY 338, Geographic Information Systems                               | 3     |
| Approved electives (300-400 level) in Biology, Chemistry,            | 11    |
| Environmental Sciences, Geology, or Technology.                      |       |
| *Note. Many intern sites require a G.P.A. of 2.5 or higher in the Environ- |
| mental Sciences Core and Comprehensive courses.                      |       |

**MARINE BIOLOGY COMPREHENSIVE** ............................................. 54
| BY 242, General Microbiology                                          | 4     |
| BY 308, Seminar in Biology                                            | 1     |
| BY 320, Invertebrate Zoology                                          | 1     |
| BY 380, Genetics                                                      | 4     |
| BY 390, Evolution and Systematics                                     | 3     |
| BY 400, Senior Seminar                                                | 1     |
| BY 450, Ecology                                                       | 4     |
| **One of the following:**                                            |       |
| BY 471, Biochemistry                                                 | 4     |
| BY 472 Cell Biology                                                  | 4     |
| Choose four of the following courses                                 | 16    |
| *BY 414, Marine Botany                                               | 4     |
| *BY 424, Marine Invertebrate Zoology                                  | 4     |
| *BY 425, Marine Vertebrate Zoology                                   | 4     |
| *BY 427, Marine Behavioral Ecology                                   | 4     |
### Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*BY 451, Marine Ecology</td>
<td>4</td>
</tr>
<tr>
<td>*BY 452, Marsh Ecology</td>
<td>4</td>
</tr>
<tr>
<td>*BY 460, Oceanography</td>
<td>4</td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GE 370, Environmental Geology</td>
<td>4</td>
</tr>
<tr>
<td>PH 201, College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PH 202, College Physics II</td>
<td>4</td>
</tr>
</tbody>
</table>

*Note. These courses are offered only at the Marine Laboratory at Dauphin Island, Alabama. A minimum of two summer semesters is required at this facility to complete this program.*

### Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH 213, Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 224, Applied Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MH 300, Introduction to Advanced Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MH 308, Seminar in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>MH 311, Modern Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 422, Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Approved electives in Mathematics (from 300-400 series) ........................................ 20

### Mathematics (Mathematics Teacher Certification)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH 213, Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 224, Applied Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MH 300, Introduction to Advanced Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MH 308, Seminar in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>MH 311, Modern Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 332, College Geometry</td>
<td>4</td>
</tr>
<tr>
<td>MH 341, Probability and Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MH 389, Tutorial Practicum</td>
<td>1</td>
</tr>
<tr>
<td>MH 422, Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MH 480, Technology for Teachers</td>
<td>4</td>
</tr>
</tbody>
</table>

### Mathematics-Computer Information Systems Comprehensive

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH 213, Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 224, Applied Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MH 300, Introduction to Advanced Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MH 308, Seminar in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>MH 311, Modern Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 341, Probability and Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MH 424, Numerical Analysis</td>
<td>4</td>
</tr>
</tbody>
</table>

Approved elective in Mathematics (from 300-400 series) ........................................ 7

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 300, Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CS 301, Programming II</td>
<td>3</td>
</tr>
<tr>
<td>CS 320, Visual Basic</td>
<td>3</td>
</tr>
<tr>
<td>CS 340, Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 350, Internet Applications I</td>
<td>3</td>
</tr>
<tr>
<td>CS 370, Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CS 380, Network Communications</td>
<td>3</td>
</tr>
<tr>
<td>CS 470, Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 472, Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CS 480, Systems Project</td>
<td>3</td>
</tr>
</tbody>
</table>
Education majors pursuing teacher certification in General Science should follow the pattern below. Students should refer to the College of Education section of the Catalogue for a listing of additional requirements for teacher certification.

GENERAL SCIENCE (Teacher Certification) .................................................. 45
   BY 308, Seminar in Biology .......................................................... 1
   BY 410, Plant Taxonomy and Field Techniques .................................. 4
   BY 420, Field Zoology ................................................................. 4
   BY 380, Genetics ........................................................................... 4
   BY 400, Senior Seminar ................................................................. 1
   BY 450, Ecology ........................................................................... 4
   EN 100, Introduction to Environmental Sciences .............................. 4
   ES 100, Survey of Earth Science ..................................................... 4
   PH 201, College Physics I ............................................................... 4
   PH 202, College Physics II ............................................................. 4
   Elective in Biology (300-400 level) .................................................. 4
   Elective in Chemistry (300-400 level) ............................................. 4
   Elective in BY, CH, EN, ES, or MH ............................................... 3

(Chemistry and/or Physics teachers must take MH 121, Calculus I.)

DESCRIPTION OF DUAL DEGREE,
PRE-PROFESSIONAL PROGRAMS IN ALLIED
HEALTH, AND LINKAGE PROGRAM

DUAL DEGREE IN ENGINEERING

UWA has joined with the Schools of Engineering at Auburn University, the University of Alabama, and at the University of Alabama at Birmingham to offer dual-degree programs in engineering. This allows an undergraduate to attend UWA for approximately three academic years and then transfer to the School of Engineering at either Auburn, Alabama, or UAB for two years of study in an engineering curriculum. After completing the academic requirements of the cooperating institutions, the student will be awarded a bachelor’s degree in mathematics from UWA and a bachelor’s degree in one of the following areas of engineering, dependent upon which institution the student completes his/her program: Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering, Materials Engineering, Mechanical Engineering, Textile Engineering, or Computer Science.

In order for a student to become a dual-degree candidate, he or she must have completed three-fourths of the credit required for a degree from UWA, must have a recommendation from the Dual-Degree Coordinator at UWA, and must satisfy the admission requirements at the chosen School of Engineering.

During the three-year period, students planning to transfer to Auburn must take the following:

<table>
<thead>
<tr>
<th>Area of Study (Auburn Hours)</th>
<th>UWA Equivalent [Specific Major]</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I, II (6)</td>
<td>EH 101, EH 102</td>
</tr>
<tr>
<td>Great Books I, II (6)</td>
<td>EH 211, EH 212</td>
</tr>
<tr>
<td>World History I, II (6)</td>
<td>HY 101, HY 102</td>
</tr>
<tr>
<td>Social Science (6)</td>
<td>EC 232, PY 100</td>
</tr>
<tr>
<td>Fine Arts (3)</td>
<td>MU 100, AT 100, TH 100</td>
</tr>
<tr>
<td>Introduction to Ethics (3)</td>
<td>no equivalent</td>
</tr>
</tbody>
</table>
Calculus I, II, III (12) MH 121, MH 122, MH 223
Applied Differential Equations (3) MH 224
Linear Algebra (3) MH 213 [Aerospace, Electrical, Industrial, Materials, Mechanical, Software, Textile]
General Chemistry I (4) CH 111 [Aerospace, Biosystems, Chemical, Civil, Electrical, Industrial, Materials, Mechanical, Textile]
General Chemistry (3) CH 112 [Biosystems, Chemical, Civil, Materials, Textile]
Principles of Biology (4) BY 104 [Biosystems]
Organismal Biology (4) BY 222 [Biosystems]
General Physics I (4) PH 211 [Aerospace, Biosystems, Chemical, Civil, Computer Electrical, Industrial, Materials, Mechanical, Software, Textile]
General Physics II (4) PH 212 [Aerospace, Civil, Electrical, Industrial, Materials, Mechanical, Software, Textile]
Computer Programming (2) CS 300 - Fortran preferred for Aerospace and Civil [Biosystems, Chemical, Electrical, Industrial, Materials, Mechanical, Software, Textile]

Other courses in mathematics, engineering, statistics, etc. will be considered for Auburn University degree credit. Please review your intended engineering curriculum model in the Auburn University Bulletin, and refer questions to the Dual Degree Coordinator at Auburn and at UWA.

During the three year period, students planning to transfer to Alabama should take the following courses:

**Area of Study (Alabama Hours) UWA Equivalent**

English Composition I, II (6) EH 101, EH 102
Literature/Fine Arts* (9) EH 221, EH 222 or EH 231, EH 232

and one of the following: AT 100, TH 100, MU 100

History/Behavioral Sciences* (9) HY 101, HY 102, EC 231, EC 232
Mathematics (18) MH 121, MH 122, MH 213, MH 223, MH 224
Chemistry (8) CH 111, CH 112
Physics (8) PH 211, PH 212
Computer Programming (3) CS 300

*Note that the UA College of Engineering requires 9 hours in this area while UWA requires 12.

**DUAL-DEGREE IN ENVIRONMENTAL SCIENCES AND NATURAL RESOURCES — FORESTRY**

This program allows an undergraduate student to attend The University of West Alabama for approximately three years and then transfer to the School of Forestry at Auburn University. In order for a student to become a Dual-Degree candidate at Auburn University, he or she must have a recommendation from the Dean of the College of Natural Sciences and Mathematics at The University of West Alabama, have a 3.0 grade point average in the required work at UWA, and satisfy the admission requirements of the College of Forestry and Wildlife Sciences at Auburn University. After completing the academic requirements of the two cooperating institutions, the student will be awarded a Bachelor of Environmental Sciences from The University of West Alabama and a Master of Natural Resources with a Professional Forrester concentration from Auburn University.
<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of West Alabama Requirements for the Dual-Degree:</td>
<td>97</td>
</tr>
<tr>
<td>BY 104, Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 308, Seminar in Biology</td>
<td>1</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>CH 111 and 112, General Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>CH 241 and 242, Organic Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>EC 231, Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 232, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EH 101, Written English I</td>
<td>3</td>
</tr>
<tr>
<td>EH 102, Written English II</td>
<td>3</td>
</tr>
<tr>
<td>EH 221 and 222, British Literature I and II</td>
<td>6</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EH 231 and 232, American Literature I and II</td>
<td></td>
</tr>
<tr>
<td>EN 100, Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>EN 455, Ecological Management</td>
<td></td>
</tr>
<tr>
<td>EN 456, Ecological Restoration</td>
<td></td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>One of the following sequences</td>
<td>6</td>
</tr>
<tr>
<td>HY 101 and 102, History of Western Civilization I and II</td>
<td></td>
</tr>
<tr>
<td>HY 211 and 212, American History I and II</td>
<td></td>
</tr>
<tr>
<td>MH 114, Precalculus Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MH 121, Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MH 246, Applied Statistics in Science</td>
<td>4</td>
</tr>
<tr>
<td>Two of the following</td>
<td>6</td>
</tr>
<tr>
<td>AT 100, Introduction to Art</td>
<td></td>
</tr>
<tr>
<td>MU 100, Introduction to Music</td>
<td></td>
</tr>
<tr>
<td>TH 100, Introduction to Theatre</td>
<td></td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>SH 100, Principles of Public Speaking</td>
<td></td>
</tr>
<tr>
<td>SH 150, Professional Speaking</td>
<td></td>
</tr>
<tr>
<td>UWA 101, Freshman Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

**DUAL-DEGREE IN ENVIRONMENTAL SCIENCES AND NATURAL RESOURCES — WILDLIFE**

This program allows an undergraduate student to attend The University of West Alabama for approximately three years and then transfer to the School of Forestry at Auburn University. In order for a student to become a Dual-Degree candidate at Auburn University, he or she must have a recommendation from the Dean of the College of Natural Sciences and Mathematics at The University of West Alabama, have a 3.0 grade point average in the required work at UWA, and satisfy the admission requirements of the College of Forestry and Wildlife Sciences at Auburn University. After completing the academic requirements of the two cooperating institutions, the student will be awarded a Bachelor of Environmental Sciences from The University of West Alabama and a Master of Natural Resources with a certified Wildlife Biologist concentration from Auburn University.
### University of West Alabama Requirements for the Dual-Degree:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 104, Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 308, Seminar in Biology</td>
<td>1</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>CH 111 and 112, General Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>CH 241 and 242, Organic Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>EC 231, Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 232, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EH 101, Written English I</td>
<td>3</td>
</tr>
<tr>
<td>EH 102, Written English II</td>
<td>3</td>
</tr>
<tr>
<td>EH 221 and 222, British Literature I and II</td>
<td>6</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EH 231 and 232, American Literature I and II</td>
<td></td>
</tr>
<tr>
<td>EN 100, Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>EN 455, Ecological Management</td>
<td></td>
</tr>
<tr>
<td>EN 456, Ecological Restoration</td>
<td></td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>One of the following sequences</td>
<td>6</td>
</tr>
<tr>
<td>HY 101 and 102, History of Western Civilization I and II</td>
<td></td>
</tr>
<tr>
<td>HY 211 and 212, American History I and II</td>
<td></td>
</tr>
<tr>
<td>MH 114, Precalculus Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MH 121, Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MH 246, Applied Statistics in Science</td>
<td>4</td>
</tr>
<tr>
<td>Two of the following</td>
<td>6</td>
</tr>
<tr>
<td>AT 100, Introduction to Art</td>
<td></td>
</tr>
<tr>
<td>MU 100, Introduction to Music</td>
<td></td>
</tr>
<tr>
<td>TH 100, Introduction to Theatre</td>
<td></td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>SH 100, Principles of Public Speaking</td>
<td></td>
</tr>
<tr>
<td>SH 150, Professional Speaking</td>
<td></td>
</tr>
<tr>
<td>UWA 101, Freshman Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Approved electives in EN or BY</td>
<td>8</td>
</tr>
</tbody>
</table>

### PRE-FISHERIES AND PRE-WILDLIFE

Students interested in a professional degree in fisheries management and/or wildlife management from another institution may attend UWA for two years before transferring. During this period, students should take the courses listed below, which are generally applicable to such programs.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 104, Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 242, General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 420, Field Zoology</td>
<td>4</td>
</tr>
</tbody>
</table>
CH 111 and 112, General Chemistry I and II ........................................ 8
CH 241 and 242, Organic Chemistry I and II ........................................ 8
EH 101 and 102, Written English I and II ........................................... 6
HY 101 and 102, History of Western Civilization I and II ......................... 6
MH 114, Precalculus Trigonometry ...................................................... 3
MH 121 and 122, Calculus I and II ...................................................... 8
PH 201 and 202, College Physics I and II ............................................ 8
SH 100, Principles of Public Speaking .................................................. 3
Any two of the following: ................................................................. 6
   HY 420, History of Alabama
   PL 100, An Introduction to Philosophy: Humans and Society
   PS 110, American Government
   PS 310, State and Local Government
   PY 100, General Psychology
   SY 100, Principles of Sociology

TOTAL 80

PRE-FORESTRY

Students interested in a professional degree in forestry from another institution may attend UWA for two years before transferring. During this period, students should take the courses listed below, which are generally applicable to forestry programs.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 211, Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BA 263, Business Law and Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>BY 104, Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BY 410, Plant Taxonomy and Field Techniques</td>
<td>4</td>
</tr>
<tr>
<td>BY 413, Plant Systematics</td>
<td>4</td>
</tr>
<tr>
<td>CH 111 and 112, General Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>EC 231, Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 232, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EH 101 and 102, Written English I and II</td>
<td>6</td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>HY 101 and 102, History of Western Civilization I and II</td>
<td>6</td>
</tr>
<tr>
<td>MH 114, Precalculus Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MH 121 and 122, Calculus I and II</td>
<td>8</td>
</tr>
<tr>
<td>PH 100, Survey of Physics</td>
<td>4</td>
</tr>
<tr>
<td>SH 100, Principles of Public Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL 73

PRE-MEDICAL TECHNOLOGY (HOSPITAL-BASED PROGRAMS)

Most hospital-based medical technology programs require a baccalaureate degree (usually four to five years) before applying to their programs. It is recommended for individuals who are seeking both a bachelor’s degree and a medical technology degree, to obtain a bachelor’s in the comprehensive biology program at UWA. A comprehensive biology degree would include most of the prerequisites needed for entry into any medical technology program.

UWA strongly recommends that the student continually stay in touch with their academic advisor and their intended school as they go through the course work. This will ensure that all the courses transfer and alert the student if courses have been added or removed from the curriculum.
PRE-PHARMACY PROGRAM

UWA offers basic courses to students who plan to enter pharmacy. Students planning a career in pharmacy should indicate their intentions to the Dean of the College of Natural Sciences and Mathematics upon entering college, or as soon as they decide on this profession. Such students are assigned an advisor who assists in planning a program of study designed to meet the admission requirements for this professional program.

ALLIED HEALTH (UAB PROGRAMS)

Students interested in a baccalaureate degree from the School of Health Professions at the University of Alabama at Birmingham (UAB), can take two to three years of prerequisite courses at UWA. The number of courses depends on each student’s major field of interest. The student will then apply to the UAB program and, if accepted, transfer to the professional phase of the program at UAB. The degree will be awarded by UAB.

UWA strongly recommends that the student continually stay in touch with their academic advisor and their intended school as they go through the course work. This will ensure that all the courses transfer and alert the student if courses have been added or removed from the curriculum.

Cytotechnology

Cytotechnology, the study of cells from various organs of the body, is one of the most successful means of detecting cancer at an early stage when it can be cured. The cytotechnologist is a health care professional who assists the pathologist by performing microscopic evaluations of cellular samples from virtually all organs of the body to detect microorganisms, infectious lesions, cancer, and related diseases. Employment opportunities are excellent. Positions are available in private or hospital-based laboratories; state, federal, or industrial laboratories; and administration, teaching, and research.

Health Information Management

Health information managers are responsible for designing and maintaining health information systems to collect, assess, and disseminate clinical and administrative data. This information is used by the medical staff in education and research publications, utilization management, and quality assessment, including peer review. It is also used by administration in financial reimbursement and planning, cost containment and risk management.

Medical Tecnology

In the clinical laboratory the medical technologists assume major responsibility for analyzing body fluids and other specimens to aid the physician in the diagnosis of disease and therapeutic monitoring of treatment. The medical technologists also participate in quality control, preventive maintenance, and trouble-shooting of typical laboratory problems. Graduates are employed as technologists in clinical laboratories and in laboratory management, teaching, industry, and research.

Nuclear Medicine Technology

A degree in nuclear medicine technology provides the student with a broad-based liberal arts education with an emphasis on the basic sciences. One develops the abil-
ity to utilize a variety of radioactive materials for both therapeutic and diagnostic procedures. The nuclear medicine technologist is trained to perform in three major areas of responsibility: patient care; diagnostic, therapeutic, and research activities; and administration. Graduates in this program are in demand in clinical laboratories, nuclear industry, research, teaching and administration.

**Radiation Therapy**

The radiation therapist is a vital member of the health care team who most often works in the radiation therapy department of a hospital or outpatient health care facility. Working under the direction of a physician, the radiation therapist is responsible for treating patients with malignant diseases using ionizing radiation. Graduates are employed in hospitals, private radiation oncology centers, research industry, education, and management.

**Radiography**

The radiographer is a health care practitioner who plays an important role on the medical team. Responsibilities of the radiographer include producing and processing radiographs that permit accurate interpretation of the human anatomy on x-ray film and/or computer display monitors. The radiographer may also perform specialized techniques such as angiography, computerized tomography, mammography, and myelography. Since radiographers interact regularly with ill, injured, or suffering individuals, they must develop exceptional interpersonal skills and tact. The technical skills, such as positioning of the radiographic equipment and practicing radiation safety techniques, are equally important.

**Respiratory Therapy**

Respiratory therapists work with physicians and allied health professionals to diagnose and treat patients with disorders associated with the respiratory and cardiovascular systems. The practice of respiratory care requires extensive knowledge of many technical and physiological concepts. Respiratory therapists are often responsible for the evaluation of patients in the development of the respiratory care plan. Therapists often assist physicians with procedures such as bronchoscopies, arterial cannula insertions, and heart catheterizations.

**PRE-PROFESSIONAL PROGRAM**

UWA has a linkage program in cooperation with Wallace State Community College in Hanceville, Alabama, in various fields of allied health. Students complete academic course work at UWA, then apply to transfer to the professional phase of the program at Wallace State Community College. Students completing the program will be awarded the associate degree from Wallace State. Acceptance into the clinical phase is on a competitive basis as students throughout the state compete for available positions. Students should see UWA Health Linkage Coordinator for additional information.

All associate degree programs at Wallace State require completion of the following courses at UWA with a grade of “C” or higher in each course counted toward the degree:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 104, Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BY 231 and 232, Human Anatomy and Physiology I and II</td>
<td>8</td>
</tr>
<tr>
<td>EH 101 and 102, Written English I and II</td>
<td>6</td>
</tr>
</tbody>
</table>
MH 113, Precalculus Algebra ........................................... 3
PY 100, General Psychology ............................................ 3
SH 100, Principles of Public Speaking .................................... 3
UWA 101, Freshman Seminar .......................................... 2
Humanities/Fine Arts Elective .......................................... 3

TOTAL 32

Additional courses are required by each allied health field. These courses along with total semester hour requirement and description are given below for each of the allied health fields.

Clinical Laboratory Technician

The associate degree Clinical Laboratory Technician Program is designed to provide education and training in the basic sciences and in the performance of laboratory procedures used by physicians to assist them in the diagnosis and treatment of diseases and disorders.

Graduates of the program are able to perform a variety of chemical and biological analysis on blood and other specimens using established standards and methods. Medical laboratory technicians are skilled in hematology, microbiology, biochemistry, immunology, immunohematology, and other laboratory procedures. Job opportunities are found in hospital laboratories, physicians’ offices, and other laboratory facilities.

Upon completion of the program, the graduate is eligible to take the National MLT Certification Examination.

Additional courses:
CH 101, Introductory General Chemistry .............................. 4
Social or Behavioral Science Elective ................................. 3

TOTAL 31

Dental Assisting

Graduates of this program will be prepared to function as Dental Assistants in dental offices, hospitals, and clinics. A dental assistant provides direct care of patients under the supervision of a dentist. After completing the academic course work, students enroll in a clinical phase in which they are assigned to private dental offices where they work under the supervision of the dentist and his/her staff. Upon successful completion of the program, students qualify to take the National Certification Examination administered by the Dental Assisting National Board, Inc.

Additional courses:
CS 205, Microcomputer Applications ................................. 3
Social or Behavioral Science Elective ................................. 3

TOTAL 30

Note: BY 231 and BY 232 are not required in this program.

Dental Hygiene

As a practicing member of the dental health team, the dental hygienist acts as an educator and motivator in maintenance of oral health and the prevention of dental diseases. There are many professional roles the dental hygienist may assume, participation in community health programs; dental office managerial roles; and participa-
In research activities. Employment opportunities in this field are many as most dentists employ more than one dental hygienist. Hygienists are in demand in general dental practices, as well as in specialty practices such as periodontics or pediatrics dentistry. Hygienists may also be employed to provide dental hygiene services for patients in hospitals, nursing homes, and public health clinics.

**Additional courses:**
BY 240, Applied Microbiology ........................................... 4
CH 101, Introductory General Chemistry ................................ 4
SY 100, Principles of Sociology ............................................ 3
TOTAL 44

**Diagnostic Imaging (Radiology)**

This program is designed to provide technologies for Diagnostic Imaging Departments of hospitals and clinics. Students are taught the fundamental principles underlying all phases of Radiologic Technology. Upon graduation, the student is eligible to apply to take the register examination of the American Registry of Radiologic Technologies (651-687-4448).

NOTE: SH 100 is not required.

**Diagnostic Medical Sonography**

This program of study is designed to provide didactic and clinical training in the field of general diagnostic medical sonography. The student receives training in the field of acoustic principles and safety, abdominal, obstetrical, gynecologic, and small parts sonography. Sonography is a technologist-dependent imaging field that places great emphasis on "hands on" training. Graduates of the program are eligible to apply for the national registry examination by the American Registry of Diagnostic Medical Sonographers.

**Additional courses:**
PH 201, College Physics I .................................................. 4
TOTAL 29

NOTE: EH 102 and BY 232 are not required.

**Emergency Medical Services**

The Emergency Medical Services program has four levels of competency. The first level is EMT-Basic, the second level is EMT-Intermediate, the third level is EMT-Paramedic, the fourth level is the Associate Degree. Graduates of these four levels qualify for employment with fire and rescue departments, ambulance services, industries, and emergency departments of medical facilities.

TOTAL 29

NOTE: SH 100 is not required.

**Human Services**

The Human Services Program offers the A. A. S. degree options for the student: Mental Health Associate, Alcohol and Drug Associate Training Program, and Social Work Associate. A student may complete one or more of the three options, depending upon which field he/she wishes to pursue.
The Mental Health Associate is sometimes called a Psychiatric Technician and is trained to work in institutions, developmental centers, halfway houses, group homes, and a variety of other settings.

The Alcohol and Drug Associate option offers special training for the student interested in working with alcohol and drug abusers. With the course work in this program and two years of experience in the field, a student can take a state exam and become a Certified Alcohol and Drug Counselor.

The Social Work Associate option enables the student to work as an assistant at facilities such as the Department of Human Resources, Community Action, home healthcare programs and with the elderly in nursing homes and domiciliaries.

Additional courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>PY 310, Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

NOTE: SH 100, BY 231, and BY 232 are not required.

Health Information

Graduates of the program are prepared for employment in a variety of health care administrative areas, including hospital business offices, finance departments, human resources departments, management information systems/data processing departments, or in non-acute care organizations, including insurance companies or ambulatory care centers.

The health information specialist is responsible for organizing, analyzing, and managing information bases and systems in administrative departments of health care organizations other than medical record departments. The health information specialist is typically employed in a technical level position in administrative departments of health organizations. Experienced health information specialists have opportunities to advance to management and consulting positions within the health care industry, especially if they obtain a baccalaureate degree.

Additional courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>32</strong></td>
</tr>
</tbody>
</table>

NOTE: SH 100 is not required.

Medical Assistant

Medical Assistants are non-hospital based allied health professionals who assist physicians in their offices. Their work environments may include ambulatory centers, clinics or insurance companies. In accordance with respective state laws, they perform a broad range of administrative and clinical duties.

Administrative duties include scheduling and receiving patients, preparing and maintaining medical records, performing basic secretarial skills and medical transcription, handling telephone calls and writing correspondence, serving as a liaison between the physician and other individuals, and managing practice finances.

Clinical duties include sterilizing instruments and equipment, taking patient histories and vital signs, performing first aid and CPR, preparing patients for and assisting the physician with examinations and treatments, performing routine laboratory procedures and diagnostic tests, and preparing and administering medications as directed by the physician.
A medical assistant may also be responsible for supervising personnel, developing and conducting marketing, and contract negotiation.

**Additional courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

NOTE: EH 102, BY 231 and BY 232 are not required in this program.

**Occupational Therapy Assistant**

The Occupational Therapy Assistant, under the direction of an Occupational Therapist, assists in evaluating patients and in developing a plan of selected tasks to restore, influence or enhance performance of individuals whose abilities to cope with daily living tasks are impaired or threatened by developmental deficits, the aging process, physical injury or illness, learning disabilities, or psychological and social disabilities.

Occupational therapy assistants are employed in general hospitals, rehabilitation centers, nursing homes, home health care agencies, private practices, and other specialized health care settings.

Upon successful completion of the program, graduates are eligible to take the national certification examination for occupational therapy assistants.

**Additional courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 234, Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>31</strong></td>
</tr>
</tbody>
</table>

NOTE: EH 102 and BY 232 are not required in this program.

**Pharmacy Technology**

This program is designed to educate students to assume positions as pharmacy technicians in both institutions and retail pharmacies. Pharmacy technicians work to help licensed pharmacists prepare medications and other health care products for patients. Technicians perform routine tasks to assist the supervising pharmacist in the preparation of prescribed medications. The program provides general education courses, lab theory courses, as well as supervised clinical practice to develop the skills required in pharmacy technician practice.

Certification as a Pharmacy Technician is available through the Pharmacy Techni-

cal Certification Board upon successful completion of their exam. Pharmacy Techni-

cians are required to register with the Alabama Board of Pharmacy.

**Additional courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 234, Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>38</strong></td>
</tr>
</tbody>
</table>

**Physical Therapist Assistant**

The Physical Therapist Assistant is a skilled technical health worker who, under the supervision of a Registered Physical Therapist, assists in the patient’s treatment program. A planned patient care program is carried out by the assistant following established procedures. Duties of the Physical Therapist Assistant are varied but include rehabilitation of orthopedic, neurological, pediatric, and sports-related problems. Physical therapist assistants are employed in general hospitals, rehabilitation
centers, nursing homes, home health care agencies, private practices, and other specialized health care settings.

**Additional courses:**
- BY 234, Medical Terminology ........................................ 3
- PY 310, Developmental Psychology ................................ 3

**TOTAL** 35

NOTE: The Wallace State course HIT 115, Pathophysiology and Pharmacology, is required before clinicals. Students should see the Allied Health Coordinator for details.

**Respiratory Therapy**

A respiratory care practitioner is responsible for the administration, under physician’s supervision, of many types of breathing therapeutics, utilizing specialized breathing equipment, aerosol, and humidity administration. The respiratory care practitioner works closely with the physician and also directly with the patient in the treatment situation. Upon graduation, the student is eligible to take the registry examination of the National Board of Respiratory Care.

**TOTAL** 29

NOTE: SH 100 is not required.
Interested in giving its students hands-on training, an accounting professor demonstrates to business students of 1954 the techniques in using cutting-edge technology for their profession.
VII. COLLEGE OF BUSINESS
KEN TUCKER, DEAN

GENERAL INFORMATION

MISSION STATEMENT AND GOALS:
The College of Business supports the University's mission through the College's defined vision, mission and standing goals.

Vision Statement: To be widely known as a comprehensive resource provider of educational opportunities to facilitate industrial, technological, and economic development throughout our market area.

Mission Statement: We provide quality education in specialized fields of business for a diverse student population; prepare graduates for leadership roles in the local, national, and global community; and positively impact economic development and the quality of life through outreach services.

Standing Goals:
1. Promote continuous improvement in the quality of the business programs.
2. Provide educational opportunities in business for students of diverse backgrounds.
3. Increase the visibility of the College of Business.
4. Graduate students, who are employable, seek to enhance their professional credentials, or pursue advanced degrees in business or business related disciplines.

The University’s College of Business is nationally accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees: Bachelor of Business Administration in Accounting, Business Administration, Computer Information Systems, and Management and Bachelor of Science degree in Industrial Technology.

To assure that programs are timely and relevant to student needs, the College of Business maintains membership in the Association of Collegiate Business Schools and Programs, Alabama Quality Awards Program, and The Alabama Association for Higher Education in Business.

For students who wish to acquire technical skills leading to early employment, a two-year associate degree program is offered in Industrial Maintenance.

ORGANIZATION
The College of Business is organized under the Dean into three departments and two centers as follows:

1. The Department of Accounting, Finance and Economics offers a major in accounting and an emphasis in finance and economics. A 150-hour program is also available for accounting majors who intend to take the Certified Public Accountant (CPA) exam.

2. The Department of Business Administration, Management and Marketing offers courses in business administration, management and marketing. Majors in business administration and management and minors in business administration, management and marketing are offered.

3. The Department of Computer Information Systems and Technology offers majors in computer information systems, technology, and industrial technology,
and minors in computer information systems and technology, and an associate degree in industrial maintenance.

4. **The Small Business Development Center (SBDC)** enhances economic growth in the local region by making small businesses in the service area more competitive through the provision of entrepreneurial assistance.

5. **The Center for Business and Economic Services (CBES)** enhances the economic development of the service area. The Center provides information and training to new industry and assists existing industries with further development.

**DEGREES OFFERED**
The College offers the following baccalaureate and associate degrees:
1. The Bachelor of Business Administration Degree in Accounting
2. The Bachelor of Business Administration Degree in Business Administration
3. A Dual Degree in Business Administration and Forestry in conjunction with Auburn University
4. The Bachelor of Business Administration Degree in Computer Information Systems
5. The Bachelor of Business Administration Degree in Management
6. The Bachelor of Science Degree in Industrial Technology
7. The Bachelor of Science Degree in Technology
8. The Associate of Applied Science Degree in Industrial Maintenance.

**ONLINE DEGREES**
1. The Bachelor of Business Administration in Business Administration
2. The Bachelor of Science in Technology.

**AGRIBUSINESS EMPHASIS PROGRAM**
The College of Business at The University of West Alabama and the College of Agriculture at Auburn University have established a plan whereby an undergraduate student may attend The University of West Alabama for approximately two years, then as a transient student during his/her junior year, complete an Agribusiness emphasis at Auburn University. Upon completion of the Agribusiness emphasis the student will be required to return to The University of West Alabama to complete the BBA requirements. After completing the academic requirements of the two cooperating institutions, the student will be awarded a Bachelor of Business Administration degree in Management with an Agribusiness "emphasis" from The University of West Alabama.

Auburn University will accept UWA students enrolled in good standing in this program as transients, and work with them in building the Agribusiness emphasis. Cooperating students will attend Auburn University, in residency, during the Fall and Spring semesters of their junior year and complete coursework in the Agribusiness area as approved by the Dean of the College of Agriculture. The student must meet all graduation requirements at The University of West Alabama. In order to enter the Agribusiness emphasis at Auburn University a student must have (a) a recommendation from his/her department chairperson at the University of West Alabama; (b) a 2.0 grade point average; and (c) satisfy the admission requirement for the College of Agriculture at Auburn University.
DUAL DEGREE PROGRAM IN FORESTRY

The College of Business at The University of West Alabama and the School of Forestry at Auburn University have established a plan whereby an undergraduate student may attend The University of West Alabama for approximately three (3) years and then transfer to the School of Forestry at Auburn University. After completing the academic requirements of the two cooperating institutions, the student will be awarded a Bachelor of Business Administration degree in Business Administration from The University of West Alabama and a Bachelor of Science degree in Forestry from Auburn University.

In order for a student to become a Dual-Degree candidate at Auburn University, he or she must have (a) a recommendation from their Department Chairperson at The University of West Alabama; (b) a 3.0 grade point average; and (c) satisfied the admission requirements for the School of Forestry at Auburn University.

COURSE REQUIREMENTS FOR THE BACHELOR OF BUSINESS ADMINISTRATION OR BACHELOR OF SCIENCE DEGREE

1. The basic curriculum must be completed with a 2.0 quality-point average (QPA) overall, and in those courses taken at UWA. The Business Professional Component and the major must also be completed with a 2.0 QPA overall, and in those courses taken at UWA.

2. A total of at least 120-123 semester hours must be earned with twice as many quality points as hours attempted.

3. A student must complete at least 25% of the credit hours required for the baccalaureate degree program at UWA.

4. Transfer students must complete a minimum of 30 semester hours of upper-division (300-400) business courses at UWA.

5. A student in the College of Business should schedule English and Mathematics each semester until course requirements are successfully completed. Failure to do so may result in delayed progress toward graduation.

6. The dean of the college determines eligible credit which applies toward the degree. Business courses completed at the lower division level at other institutions when the same courses are offered at the junior and senior levels at UWA will not be accepted for degree credit. Business courses taken at senior colleges will transfer if the prerequisites at UWA have been satisfied. Transfer students must schedule freshman and sophomore deficiencies each semester until successfully completed.

7. Successful completion of an assessment instrument is required for graduation.

CURRICULUM COMPONENTS

Degree programs in the College are composed of three curriculum components:

1. The General Education Basic Curriculum Component is normally completed within the first two years. This component meets the general education requirement and provides the skills and knowledge of the arts, sciences, mathematics and the humanities required of competent, efficient, self-fulfilling business graduates. The Basic Curriculum Component must be completed with a 2.0 GPA.

2. The Business Professional Component provides a common educational experience to all business majors by including topics that are an integral part of business and with which all business graduates must be familiar. The professional component must be completed with a 2.0 QPA.
3. The **Major Degree Component** provides career choices and allows specialization. Students may choose from Accounting, Business Administration, Management, Computer Information Systems, Industrial Technology, Technology and Industrial Maintenance. The major and minor (if selected) must be completed with a 2.0 QPA.

**BASIC CURRICULUM COMPONENT**

The **College of Business** requires 50 hours of General Education which may be satisfied by completing the basic curriculum outlined below.

**I. Written Composition** ......................................................... 6 hours

A. Six semester hours from one of the following sequences:
   - EH 101, Written English I ........................................... 3
   - EH 102, Written English II ......................................... 3
   OR
   - EH 103, Honors English I ........................................... 3
   - EH 104, Honors English II ......................................... 3

**II. Humanities and Fine Arts** ........................................... 12 hours

A. Six semester hours from the following sequences:
   - EH 221, British Literature I ....................................... 3
   - EH 222, British Literature II ...................................... 3
   OR
   - EH 231, American Literature I ................................... 3
   - EH 232, American Literature II ................................... 3
   OR
   - EH 213, Honors Literature I ....................................... 3
   - EH 214, Honors Literature II ...................................... 3

B. Three semester hours from the following:
   - SH 100, Principles of Public Speaking .......................... 3
   - SH 150, Professional Speaking ................................. 3

C. Three semester hours from the following:
   - AT 100, Introduction to Art ....................................... 3
   - MU 100, Introduction to Music .................................... 3
   - TH 100, Introduction to Theater .................................. 3
   OR
   - HR 200, Honors Special Topics: Interdisciplinary ............. 2
   AND
   - HR 100, Honors Forum .............................................. 1

**III. Natural Sciences and Mathematics** ..................................... 17 hours

A. Nine semester hours from the following:
   - MH 113, Precalculus Algebra .................................... 3
   - BA 271, Introduction to Business Statistics .................. 3
   - MH 266, Business Calculus ...................................... 3
   OR
   - MH 114 Precalculus Trigonometry .............................. 3
     (Technology Program majors only)

B. Eight semester hours from the following:
   - BY 101, Introduction to Biology I ............................ 4
IV. History, Social, and Behavioral Sciences .............................. 12 hours
   A. Three semester hours from the following:
      HY 101, History of Western Civilization I ............................. 3
      HY 102, History of Western Civilization II ............................. 3
      HY 103, Honors History I ............................................. 3
      HY 104, Honors History II ............................................. 3
      HY 211, American History I ........................................... 3
      HY 212, American History II ......................................... 3
   B. Three semester hours from the following:
      PY 100, General Psychology .............................................. 3
      SY 100, Principles of Sociology ....................................... 3
      AN 100, Introduction to Anthropology ................................ 3
   C. Six semester hours from the following:
      EC 231, Macroeconomics ................................................ 3
      EC 232, Microeconomics ................................................. 3

V. Computer Information Systems ............................................. 3 hours
   A. Three semester hours from the following:
      CS 205, Microcomputer Applications ................................... 3
      OR
      CS 210, Introduction to Computer Information Systems (required for CIS majors)

BUSINESS PROFESSIONAL COMPONENT

The Business Professional Component requires 39 hours and must be completed by all accounting, business administration, management, computer information systems and industrial technology majors. Students majoring in technology programs are not required to complete the Business Professional Component.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 211, Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>AC 212, Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BA 263, Business Law and Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>BA 320, Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>BA 330, Business Ethics</td>
<td>3</td>
</tr>
<tr>
<td>BA 371, Advanced Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BA 450, International Business Seminar</td>
<td>3</td>
</tr>
<tr>
<td>FI 300, Finance</td>
<td>3</td>
</tr>
<tr>
<td>MG 300, Management</td>
<td>3</td>
</tr>
<tr>
<td>MG 390, Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MG 370, Management Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>
MG 490, Strategic Management ........................................ 3
MK 300, Marketing ................................................... 3

**TOTAL** 39

It is recommended to take the above courses in the following order: AC 211, AC 212, BA 263, MK 300, MG 300, FI 300, BA 371, MG 370, MG 390, BA 320, BA 330, BA 450, MG 490.

**MAJOR DEGREE COMPONENT**

The *Major Degree Component* requires 30 semester hours. This component allows the student to specialize in a specific business area. In addition to the major degree component, the student must take four semester hours of free (not restricted to the College of Business) electives in order to complete the minimum 123 semester hours required for degree completion. If the student enters as a beginning freshmen or a transfer student with fewer than 20 hours, the number of free electives will be reduced to two. Minors are not required in the College of Business.

**ACCOUNTING, FINANCE, AND ECONOMICS**

The mission of the Department of Accounting, Finance and Economics is to provide a quality education in accounting, finance and economics, and to provide research and service.

The minimum number of hours required for the Bachelor of Business Administration Degree in Accounting is 123 semester hours. The distribution is shown below.

<table>
<thead>
<tr>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Basic Curriculum ......................... 50</td>
</tr>
<tr>
<td>Business Professional Component ............................. 39</td>
</tr>
<tr>
<td>Major ......................................................... 30</td>
</tr>
<tr>
<td>*Free Elective(s) ........................................... 2-4</td>
</tr>
<tr>
<td><strong>TOTAL</strong> .................................................. 123</td>
</tr>
</tbody>
</table>

* UWA 101 is required for beginning freshmen at UWA and for transfer students who transfer fewer than 20 hours.

**Accounting Major Degree Component**

Students are required to take 30 semester hours of course work from the following:

| Courses .................................................. Hours |
|---------------------------------|----------|
| AC 305, Computer Based Accounting Systems .................. 3 |
| AC 311, Intermediate Accounting I ................................ 3 |
| AC 312, Intermediate Accounting II ................................ 3 |
| AC 321, Cost Accounting ....................................... 3 |
| AC 331, Federal Income Tax I .................................... 3 |
| AC 332, Federal Income Tax II ................................... 3 |
| OR AC 333, Volunteer Income Tax Assistance Practicum ........... 3 |
| AC 411, Advanced Accounting I .................................... 3 |
| AC 451, Auditing I ............................................. 3 |
| BA 363, Advanced Business Law .................................. 3 |
| One Accounting elective ....................................... 3 |
Notice: The CPA (Certified Public Accountant) Examination requires an additional thirty (30) semester hours of accounting and business related courses beyond the baccalaureate degree requirements.

**BUSINESS ADMINISTRATION, MANAGEMENT AND MARKETING**

The purpose of the Department of Business Administration, Management and Marketing is to provide a quality education in business administration, management and marketing and to provide research and service.

The minimum number of hours for the Bachelor of Business Administration degree in Business Administration or Management is 123 semester hours. The distribution is shown below:

<table>
<thead>
<tr>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Basic Curriculum: 50</td>
</tr>
<tr>
<td>Business Professional Component: 39</td>
</tr>
<tr>
<td>Major: 30</td>
</tr>
<tr>
<td>*Free Elective(s): 2-4</td>
</tr>
<tr>
<td><strong>TOTAL:</strong> 123</td>
</tr>
</tbody>
</table>

* UWA 101 is required for beginning freshmen at UWA and for transfer students who transfer fewer than 20 hours.

**Business Administration Major Degree Component**

Students are required to take 30 semester hours of course work from the following:

- CS 305, Computerized Data Analysis: 3
- FI 330, Personal Finance Planning: 3
- MG 310, Human Resource Management: 3
- MG 450, Organization Behavior: 3
- MK 340, Consumer Behavior: 3

Emphasis selected from the following:

**Agribusiness Emphasis**

An emphasis may be selected in Agribusiness. In this emphasis, the student would complete part of the requirements at UWA and complete the emphasis at Auburn University. Specific requirements may be obtained from the Chairperson of Accounting and Business Administration.

**Administrative Emphasis**

- BA 363, Advanced Business Law: 3
- CS 380, Network Communication: 3
- FI 310, Managerial Finance: 3
- MK 350, Market Research: 3
- TY 453, Quality Applications: 3

**General Business Emphasis**

Fifteen hours of upper division courses selected in consultation with the advisor.

**Marketing Emphasis**

- MK 320, Retail Management: 3
- MK 330, Advertising: 3
MK 350, Market Research ........................................... 3
MK 360, Marketing Problems and Analysis ........................... 3
OR
MK 370, Marketing Management ...................................... 3
Approved Elective in Marketing ..................................... 3

Economics and Finance Emphasis
EC 331, Economic Growth Theory .................................. 3
EC 332, Price Theory ............................................... 3
FI 310, Managerial Finance ........................................... 3
EC 450, International Economics ..................................... 3
One of the following:
  FI 340, Investments ................................................. 3
  FI 350, Monetary Policy ............................................. 3

Management Major Degree Component
Students are required to take 30 hours of course work as follows:

Required Management Core Courses .................................. 15 hours
MG 310, Human Resource Management ................................ 3
MG 320, Labor Relations ............................................. 3
MG 341, Entrepreneurship ............................................. 3
MG 400, Management Issues Seminar ................................ 3
MG 450, Organizational Behavior ..................................... 3

Select 15 hours from the following:
AC 320, Managerial Accounting ........................................ 3
BA 363, Advanced Business Law ....................................... 3
CS 305, Computerized Data Analysis ................................ 3
FI 330, Personal Financial Planning .................................. 3
FI 340, Investments .................................................. 3
MG 322, Manufacturing/Process Management ....................... 3
MG 351, Principles of Occupational Safety and Health .......... 3
MG 391, Logistics ................................................... 3
MG 408, Selected Topics in Management .............................. 3
MG 410, Leadership .................................................. 3
MG 453, Quality Management Systems ............................... 3
MG 455, Safety Risk Management .................................... 3
MG 460, Management Internship ...................................... 3
MK 340, Consumer Behavior .......................................... 3
MK 350, Market Research ............................................. 3
MG 352, Hazardous Waste Operations and Emergency Response 3

COMPUTER INFORMATION SYSTEMS

The mission of the Department of Computer Information Systems is to prepare students for entry-level programming and information processing positions in business and government. Graduates of the Computer Information Systems program also meet minimum academic requirements for admission to graduate studies programs in computer information systems.

The minimum number of hours required for the Bachelor of Business Administration Degree in Computer Information Systems is 123 semester hours.
## General Education Basic Curriculum
- Hours: 50

## Business Professional Component
- Hours: 39

## Computer Information Systems Major
- Hours: 30

## Free Electives*
- Hours: 2-4

**TOTAL** 123

*UWA 101 is required for beginning freshmen at UWA and for transfer students who transfer fewer than 20 hours.

### Business Professional Courses for Computer Information Systems Majors (36 semester hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 211</td>
<td>Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>AC 212</td>
<td>Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BA 263</td>
<td>Business Law and Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>BA 320</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>BA 371</td>
<td>Advanced Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BA 450</td>
<td>International Business Seminar</td>
<td>3</td>
</tr>
<tr>
<td>CS 310</td>
<td>Ethics in CIS</td>
<td>3</td>
</tr>
<tr>
<td>CS 315</td>
<td>IS Project Management</td>
<td>3</td>
</tr>
<tr>
<td>FI 300</td>
<td>Finance</td>
<td>3</td>
</tr>
<tr>
<td>MG 300</td>
<td>Management</td>
<td>3</td>
</tr>
<tr>
<td>MG 390</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MG 490</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>MK 300</td>
<td>Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

### Required Courses (15 semester hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 300</td>
<td>Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CS 380</td>
<td>Network Communications</td>
<td>3</td>
</tr>
<tr>
<td>CS 470</td>
<td>Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 472</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CS 480</td>
<td>Systems Project</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives (15 hours required):

Choose one of the three options below:

**Application Development Option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 301</td>
<td>Programming II</td>
<td>3</td>
</tr>
<tr>
<td>CS 320</td>
<td>Visual Basic</td>
<td>3</td>
</tr>
<tr>
<td>CS 340</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 370</td>
<td>Data Structures</td>
<td>3</td>
</tr>
</tbody>
</table>

*Elective from CS

**Internet Option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 330</td>
<td>Ubiquitous Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CS 350</td>
<td>Internet Applications I</td>
<td>3</td>
</tr>
<tr>
<td>CS 351</td>
<td>Internet Applications II</td>
<td>3</td>
</tr>
<tr>
<td>CS 390</td>
<td>Information Security</td>
<td>3</td>
</tr>
</tbody>
</table>

*Elective from CS

**Network Option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 381</td>
<td>Network Administration I</td>
<td>3</td>
</tr>
<tr>
<td>CS 382</td>
<td>Network Administration II</td>
<td>3</td>
</tr>
<tr>
<td>CS 383</td>
<td>Network Infrastructure</td>
<td>3</td>
</tr>
<tr>
<td>CS 390</td>
<td>Information Security</td>
<td>3</td>
</tr>
</tbody>
</table>

*Elective from CS

*NOTE: CS 205 and CS 305 cannot be used to fulfill the CS elective.*
TECHNOLOGY PROGRAMS

The Technology Program's mission is to prepare students for employment in supervision, and/or technical areas of industry, business, governmental or service agencies. Successful completion of the curriculum will provide a background in liberal arts, natural sciences, mathematics, and business, with skills in the use of machines, tools, and computers, including but not limited to knowledge of industrial design, materials and processes.

INDUSTRIAL TECHNOLOGY

The minimum number of hours required for the major in Industrial Technology is 123 semester hours.

<table>
<thead>
<tr>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Basic Curriculum</td>
<td>.......................................................... 50</td>
</tr>
<tr>
<td>Business Professional Component</td>
<td>.......................................................... 39</td>
</tr>
<tr>
<td>Industrial Technology Major</td>
<td>.......................................................... 30</td>
</tr>
<tr>
<td>Free Electives</td>
<td>............................................................. 2-4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>123</td>
</tr>
</tbody>
</table>

*UWA 101 is required for beginning freshmen at UWA and for transfer students who transfer fewer than 20 hours.

INDUSTRIAL TECHNOLOGY MAJOR DEGREE COMPONENT

TY 233, Network Communication .......................................................... 3
TY 322, Manufacturing/Process Management ............................................. 3
TY 333, Network Administration ............................................................ 3
TY 334, Computer-Aided Drafting/Design I ............................................... 3
TY 335, Computer-Aided Drafting/Design II ............................................. 3
TY 338, Geographic Information Systems ................................................. 3
TY 351, Principles of Occupational Safety and Health ................................ 3
TY 352, Hazardous Waste Operations and Emergency Response ..................... 3
TY 453, Quality Management Systems ..................................................... 3
TY 455, Safety Risk Management ............................................................ 3
Free Elective ............................................................. 4

TECHNOLOGY

This program is not accredited by the Association of Collegiate Business Schools and Programs. It is available online. From the UWA website, access http://online.uwa.edu.

The Bachelor of Science in Technology program is designed to serve students who have documented training and/or verifiable skills in an exclusive vocational/technical area, full-time military experience, or business/industrial training and who desire a bachelor’s degree. A specific program of study for each student is contracted on the basis of his/her career goals and previous training. A student who has been admitted to the program cannot change to another major at UWA, unless he/she meets all admission requirements relevant to the other program. Each student must complete the following criteria:

1. At least 32 hours (not to exceed 42 hours) of technical credit in a singular discipline is required. Students who earn the associate degree in Industrial Maintenance at UWA may choose, as a Bachelor of Science degree, with the Technology major with an approved area of concentration or the Industrial Technology major.
2. A minimum of 30 semester hours of upper-division courses (300-400) must be completed at UWA.

3. Basic Curriculum is the general education requirement for all bachelor’s degrees and includes no less than 50 hours.

4. Approved Electives are required to complete the total hours required for the degree. Electives will be selected to strengthen the program.

5. Students who enter this program will be required to complete an internship. Six (6) hours credit for work experience related to the student’s career goal is required. Previous work experience may be awarded to the student who provides appropriate documentation.

6. The Chairperson of the Computer Information Systems/Technology Department and the Dean of the College are responsible for determining when the student has met all requirements for the degree.

The minimum number of hours required for the Bachelor of Science Degree in Technology is 120 semester hours. Inquiries should be addressed to the Chairperson, Computer Information Systems/Technology Department, Station 24, The University of West Alabama, Livingston, Alabama 35470.

<table>
<thead>
<tr>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Basic Curriculum</td>
</tr>
<tr>
<td>Technical</td>
</tr>
<tr>
<td>Professional</td>
</tr>
<tr>
<td>Internship</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

For most students, AC 300 should be one of the first upper division courses because accounting is a prerequisite to the majority of 300 level courses. If a student has successfully completed AC 211 and AC 212, he/she has met the accounting requirement and should not enroll in AC 300; he/she begins the 30 semester hours of upper division courses.

**SPECIAL ADMISSION REQUIREMENTS FOR THE TECHNOLOGY DEGREE**

To be admitted to the Technology degree program, a student must meet the following special requirements:

1. Have at least 32 semester hours of technical credit in a single discipline (up to 42 hours may be accepted).

2. Demonstrate through courses completed, individual testing, or other evaluation measures, a competency level in a vocational/technical area equivalent to one academic year of college work. Certificate credit may be submitted for consideration.

3. Have an approved technical evaluation and documentation on file in the Admission’s Office.

**INDUSTRIAL MAINTENANCE DEGREE**

The Industrial Maintenance Program offers to interested students a two year Associate of Applied Science Degree. The program is student-centered, career-oriented and designed to provide skills and knowledge necessary to meet the general maintenance demands of business, industry, and government agencies. In addition, the Industrial Maintenance graduate will qualify for admission to other technology majors.
The student must select approved electives appropriately. This program is accredited by the Commission on Colleges of the Southern Association of Colleges and School (SACS). However the program is not accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

The minimum number of hours required for the Associate of Applied Science Degree in Industrial Maintenance is 60 semester hours.

**General Education Basic Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 205</td>
<td>Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>EC 231</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EH 101</td>
<td>Written English I</td>
<td>3</td>
</tr>
<tr>
<td>MH 113</td>
<td>Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>SH 100</td>
<td>Principles of Public Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>

**INDUSTRIAL MAINTENANCE MAJOR**

Students are required to take 45 semester hours as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY 211</td>
<td>Total Productive Maintenance and Mechanical Systems</td>
<td>3</td>
</tr>
<tr>
<td>TY 231</td>
<td>Basic Blueprint Reading and Drafting</td>
<td>3</td>
</tr>
<tr>
<td>TY 233</td>
<td>Network Communication</td>
<td>3</td>
</tr>
<tr>
<td>TY 241</td>
<td>Fluid Power</td>
<td>3</td>
</tr>
<tr>
<td>TY 242</td>
<td>Electricity/Electronics I</td>
<td>3</td>
</tr>
<tr>
<td>TY 243</td>
<td>Electricity/Electronics II</td>
<td>3</td>
</tr>
<tr>
<td>TY 244</td>
<td>Electrical Motor Controls</td>
<td>3</td>
</tr>
<tr>
<td>TY 245</td>
<td>Electromechanical Controls</td>
<td>3</td>
</tr>
<tr>
<td>TY 246</td>
<td>Programmable Logic Controls</td>
<td>3</td>
</tr>
<tr>
<td>TY 251</td>
<td>Principles of Occupational Safety and Health</td>
<td>3</td>
</tr>
<tr>
<td>UWA 101</td>
<td>Freshman Seminar</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Technology/Business Approved Electives</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Free Electives</td>
<td>1</td>
</tr>
</tbody>
</table>
Livingston State Teachers College gained a strong reputation in the 1950s for its laboratory school and extensive practice teaching program that incorporated the most modern educational principles of the time.
VIII. JULIA TUTWILER
COLLEGE OF EDUCATION

GENERAL INFORMATION

PURPOSES

The College of Education has as its primary objectives the training of competent teachers for school systems in Alabama, the promotion of improved instructional programs in elementary and secondary schools within the University service area, and the provision of certain services to the other colleges within the University. There are non-teaching programs as well as teaching programs in the Department of Physical Education and Athletic Training.

The College offers programs at the undergraduate and graduate levels for the preparation of school personnel in early childhood, elementary, high school, and preschool through grade twelve education. It also provides the professional education courses necessary to meet teacher certification requirements for students who are preparing to teach at the high school levels in Biology, Chemistry, History, English Language Arts, Mathematics, Science, and Social Science. Pre-school through grade twelve programs provide preparation for teaching physical education or special education. A program is also offered in elementary education (K-6) which includes certification in early childhood education (P-3). Non-teaching programs in athletic training and physical education are also offered. Information concerning graduate programs can be found in the Graduate Catalogue.

The College also offers in-service education to teachers in the UWA service area. These in-service programs provide technical skill training for teachers and opportunities for the study of curriculum improvement. The College offers research capabilities to the school systems in the service area attempting to overcome the learning deficiencies of children.

Standards for effective teacher training programs are maintained by cooperating with the Alabama State Department of Education, the Alabama Education Study Commission, the Alabama Commission on Higher Education, the Southern Association of Colleges and Schools, the National Association of State Directors of Teacher Education and Certification, and the Interstate Certification Project. The Julia Tutwiler College of Education at The University of West Alabama is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Avenue NW, Suite 500, Washington DC 20036, (202) 466-7496. This accreditation covers initial teacher preparation programs and advanced educator preparation programs. The Athletic Training Education Program is accredited by the Commission on Accreditation of Athletic Training Education.

ORGANIZATION

The College of Education is organized under the Dean into the following units:

A. Department of Teacher Education
B. Department of Physical Education and Athletic Training
THE TEACHER EDUCATION PROGRAM

The Practical Experience Model provides the conceptual framework for the Teacher Education Program at The University of West Alabama.

The preparation of professional personnel in the Julia Tutwiler College of Education involves the collaboration of the entire University. At the undergraduate level, all programs for the preparation of teachers are built on a liberal arts foundation. The basic curriculum, oriented to general education, is common to all degree programs in the College of Education. In addition, each prospective early childhood, elementary, high school, and pre-school through grade twelve teacher follows a prescribed pattern of courses in areas of academic specialization. Each prospective teacher should be well educated, have a mastery of subject matter, and be capable of understanding and working closely with other people.

The following policies should be observed carefully by those students who plan to enroll in the Teacher Education Program:

A. ADMISSION TO THE NON-TEACHING PROGRAMS

Admission to and retention in the non-teaching programs are consistent with the general policies for admission and retention for UWA.

B. ADMISSION TO THE TEACHER EDUCATION PROGRAM

Admission to the University and to the College of Education does not constitute acceptance into the Teacher Education Program. Every student who wishes to prepare for teaching is required to submit a written application for admission to the Teacher Education Program. This application should be filed with the Dean of the College of Education during pre-registration or regular registration of the semester following the completion of approximately sixty semester hours of college credit. This procedure should be followed even though the student has not completed all required courses in general education. A student may be admitted to the Teacher Education Program under the following provisions:

General policies:

1. Applicants must be in good academic and disciplinary standing.
2. Students seeking certification must submit an application to the Teacher Education Program after completion of 45-60 semester hours but no later than two semesters prior to expected enrollment in the internship.
3. Applicants must demonstrate proficiency in spoken English.
4. Applicants must have at least a 2.5 quality-point ratio on all courses in general education, in the teaching field(s), in professional studies, and a 2.5 on overall college work. (No grade less than a “C” will be accepted in the teaching field or professional studies.)
5. A passing score on the Alabama Prospective Teacher Test is required.
6. All deficiencies must be removed before a student is allowed to register for the internship.
7. Three UWA faculty interviews/recommendations designed to provide further information on the applicant’s dispositions, interests, and aptitudes, consistent with the requirements for successful teaching, must be on file.
8. A transfer student is eligible to apply for admission to the Teacher Education Program during the first semester of residence. Such a student must achieve a 2.5 quality-point ratio on a course load of at least twelve semester hours attempted during the first semester of residence, in addition to having a 2.5 quality-point ratio on transferred credit.
9. Fingerprint Clearance. A successful background clearance through ABI and FBI is required for admission to teacher education and for participating in clinical experiences in schools. Fingerprinting is done in ED 300.

NOTE: Students who fail to meet any of the above requirements upon initial application may retake tests and submit new scores, take additional work to improve their grade-point averages, or present other evidence to satisfy any or all of the requirements. IN NO CASE CAN THE REQUIREMENTS AS STATED ABOVE BE WAIVED.

Unconditional admission is granted upon the completion of all requirements specified under the General Policies above, in addition to completion of all requirements in general education.

C. RETENTION IN THE TEACHER EDUCATION PROGRAM

Students may be dropped from the program for:

1. Being placed on academic probation or failing to maintain at least a 2.5 quality-point average on all courses.
2. Demonstrating evidence of either inability or lack of initiative in attaining proficiencies and competencies necessary to teaching.
3. Failing to maintain at least a 2.5 quality-point average on all courses in the teaching field(s). No grade below “C” in the teaching field(s) may be used to meet certification requirements.
4. Failing to maintain a quality-point average in professional education of at least 2.5. No grade below “C” in professional studies may be used to meet certification requirements.
5. Being subject to University disciplinary action.
6. Giving evidence of academic, social, emotional, or physical problems which, in the judgment of the Teacher Education Screening Committee, may create problems in teaching or in the teaching profession.

NOTE: Students dropped from the Teacher Education Program may apply for readmission to the program through the Teacher Education Screening Committee when the deficiencies are removed. Students who are dropped twice from the program are ineligible to reapply.

POLICIES OF THE JULIA TUTWILER COLLEGE OF EDUCATION

The following policies should be observed carefully by those students enrolled in the Teacher Education Program:

A. In the event a student does not complete the requirements for the undergraduate degree within a period of six years from the date of admission to the University, the College of Education reserves the right to modify the student’s program in such a way as to bring it into harmony with current degree requirements, to re-evaluate credits transferred from other institutions, and to require further work in some areas in which the courses are over ten years old. Courses over nine years old may not be used in the teaching field or professional education for certification without approval of the Dean.

B. The Teacher Education Program and the Teacher Certification Program are governed by the Alabama State Department of Education, and the College of Education reserves the right to change requirements in these programs at any time when such changes are mandated by the State Department.

C. All correspondence work must be approved by the Dean of the Julia Tutwiler College of Education. (See p. 51)
D. A transfer student must earn at least 25 percent of credit hours in residence at UWA and must demonstrate proficiency in teaching to receive a teaching degree. Normally, this takes at least one academic year. Also, a transfer student must earn at least twelve hours of credit in each of his/her single teaching field(s) and eighteen hours of credit in each comprehensive teaching field at this institution. Proficiency in teaching methods will be determined by the appropriate Department.

E. When students enroll in the College of Education, they are assigned advisors who are responsible for providing general guidance as students plan their work toward graduation. Each student, however, is responsible for determining his/her own status in regard to meeting the particular requirements for graduation in the chosen area of study. Exceptions to the requirements stated in the catalogue must be approved in writing by the student’s advisor, the chairperson(s) of all departments involved, and the Dean of the Julia Tutwiler College of Education. A record of the exception is placed in the student’s folder in the Office of the Dean and the official record folder in the Office of the Registrar.

F. Students must take and pass the Praxis II Examinations prior to their internship.

G. Each graduating senior should file placement credentials prior to, or during, the internship semester. Placement materials may be obtained in the office of the Director of Career Services.

H. All students seeking Alabama certification must earn a passing score on a comprehensive examination to cover the content of the teaching field(s) and professional education.

I. Residence Requirement: A candidate for a degree in the College of Education must be officially registered in the College for at least two full semesters, one of which must be the semester immediately preceding completion of degree requirements.

J. The student should be within 12-18 semester hours of completing all course work and must be unconditionally admitted to the program by the beginning of the semester prior to registering for the internship.

K. Students who are not enrolled for at least two consecutive semesters may be required to follow the catalogue that is in effect at the time of their return.

INTERNSHIP

A. Registration for Internship:
Upon completion of 90 semester hours, students must submit an internship application to the Coordinator of Field Experiences. The application consists of the appropriate forms, a brief autobiographical sketch, and a student articulated personal philosophy of education and its relationship to teaching practices. The applicant must have a quality-point ratio of at least 2.5 in general education, in the teaching field(s), in professional education, and in overall hours. The intern must be a senior in good standing, having completed courses as specified in the programs of the College of Education. Under no circumstances will the internship requirement be waived. For candidates who are seeking certification in two or more distinct teaching fields, an additional internship(s) shall be required (e.g., physical education and biology).

B. General Requirements for Admission to the Internship:
1. Formal (unconditional) admission to the Teacher Education Program.
2. Senior standing (90 or more semester hours.)
3. A minimum quality-point ratio of 2.5 in each of the following areas:
a. General studies  
b. The teaching field(s) (No grade less than “C” will be accepted.)  
c. Professional education (No grade less than “C” will be accepted.)  
d. Overall  

4. Approval of the Teacher Education Screening Committee, and the Coordinator of Field Education.  
5. Freedom from any physical, mental, or emotional condition which might impair the student’s effectiveness as a teacher.  
6. Good standing of the student, both academic and disciplinary.  
7. Applicants should not seek to do their internship in schools which they attended as students.  
8. Undergraduate teacher candidates (B level) completing the internship cannot be employed as a teacher or as a teacher aide during the school year.  
9. No course work may be taken during the normal operational hours of the P-12 school in addition to the internship.  
10. Student interns should not plan to participate in organizational activities and/or University activities that in any way conflict with their internship assignments.  
11. Internship may be enhanced by maximizing the field experiences in the school(s) where the internship will be conducted; therefore, students are encouraged to request placement in a school where they have had prior field experience.  
12. Submission of a written application for the internship program which includes a personal philosophy and its relationship to teaching practices.  
13. A passing score on the Praxis II.  
14. Fingerprint clearance by ABI/FBI.  

TEACHER CERTIFICATION  
The teacher training programs have been approved by the Alabama State Board of Education (SBE), the National Association of State Directors of Teacher Education and Certification (NASDTEC), and the National Council for Accreditation of Teacher Education (NCATE). Students who have completed these programs and who have met the specific requirements of the Alabama State Board of Education are eligible to receive the Alabama Class B Professional Certificate. It is the student’s responsibility to make application for the certificate with the University Certification Officer in the office of the Dean of the Julia Tutwiler College of Education.  

NON-DEGREE CERTIFICATION  
Persons who hold a non-teaching baccalaureate degree and wish to obtain an Alabama teacher’s certificate must meet all current General Catalogue requirements in effect at the time of admission to the specific certification program.  
The following items must be completed:  
1. Submit initial application for admission to UWA.  
2. Admission to the College of Education does not qualify a student for admission to the Teacher Education program. Students must also meet all requirements for admission to the Teacher Education Program.  
3. Contact the Certification Office to have a program of study developed.  
4. Students are required to submit to the Registrar’s Office a copy of all official transcripts from each institution previously attended. In addition, students must also provide the Dean of the College of Education with a set of all of-
Official transcripts from each institution previously attended. This set of transcripts is not evaluated or recorded, but used in determining teacher certification requirements. They are then forwarded to the Alabama State Department of Education as part of the application process.

OTHER REQUIREMENTS FOR CERTIFICATION

Applicants for certification will be required to obtain a background clearance through a fingerprint review conducted by the Alabama Bureau of Investigation (ABI) unless they hold or have held a professional educator or day trade certificate which was issued on the basis of an application submitted prior to July 1, 1997. Effective July 1, 1999, as required by the Alabama Child Protection Act of 1999, a criminal history background check through a fingerprint review conducted by the Federal Bureau of Investigation (FBI) shall also be required for an applicant who has never held Alabama professional certification or career technical certification. Individuals who obtain background clearances through the ABI/FBI will not be required to obtain another background clearance for additional certification as long as they hold a valid Alabama certificate. Individuals who obtain background clearance for the issuance of an Alabama certificate and allow their certificates to lapse for more than 90 days (holding no Alabama certificate for that 90-day period) will be required to obtain another background clearance for the issuance of any certificate. An applicant whose certificate has been revoked or suspended in another state must have that certificate reinstated by the originating state before any action will be taken on an application for Alabama certification.

HIGH SCHOOL CERTIFICATION (6-12)

Students working on teacher certification in the areas of Biology, Chemistry, Science, Mathematics, English Language Arts, History, and Social Science must complete the following courses in professional education. Students must have junior or senior standing in order to enroll in the courses marked with an asterisk. Students must be unconditionally admitted to the Teacher Education Program to enroll in ED 409, Internship P-12.

ED 300, Introduction to Teaching and Learning .......................... 3
ED 333, Reading Methods Secondary/P-12 ............................ 3
ED 335, Field Experiences P/12 I ........................................... 1
ED 336, Field Experiences P/12 II ......................................... 1
ED 382-386, Specific Methods of Teaching .............................. *3
ED 400, Measurement and Assessment .................................... *3
ED 405, Technology and Education ....................................... 3
ED 408, Technology Portfolio ............................................. *1
ED 435, Field Experiences P/12 III ..................................... *1
ED 436, Field Experiences P/12 IV ..................................... *1
SE 400, Introduction to Special Education .............................. *3
ED 409, Internship P-12 ..................................................... *12

*Must be unconditionally admitted to the Teacher Education program in order to enroll in these courses.

MIDDLE SCHOOL CERTIFICATION

Students eligible for Class B Secondary certification (6-12) may add an endorsement in Class B Middle School certification by taking the following courses:
ED 381, Middle School Curriculum and Methods, 3 semester hours
EE 301, Methods of Teaching Reading, 3 semester hours
EE 402, Problems of Teaching Reading, 3 semester hours

An internship must be completed which includes experience in Grades 4-8.

NOTE: The teaching areas of English Language Arts, Science, and Social Science must include specific courses. Students must work closely with the Certification Officer to determine the courses required.

ATHLETIC TRAINING CURRICULUM ADMISSION REQUIREMENTS

Admission to the University and to the College of Education does not constitute acceptance into the Athletic Training Education Program. Every student who wishes to prepare for athletic training certification is required to submit a written application for admission into the Athletic Training Education Program. This application should be filed with the Athletic Training Program Director no later than April 1 of the first year of enrollment at UWA. The Bachelor of Science degree in athletic training consists of two components: (1) the pre-professional program (usually freshman year or first year for transfer students) and (2) the professional program (sophomore through senior years). All students must complete the course of study for the pre-professional and professional programs as described in the University General Catalogue. The pre-professional program must be completed by all students and validated by the Athletic Training Program Director before students are considered eligible for admission to the professional program. All students must make formal application to the professional program (usually in the spring semester of the freshman year or first year for transfer students) and meet all admission requirements. Completion of the pre-professional program does not guarantee acceptance into the eligibility criteria for the professional program in athletic training.

Costs:

The following is a list of additional expenditures beyond those of tuition, room, board, fees, etc., for which students enrolled in the athletic training education program are responsible.

1. Purchase of authorized athletic training uniforms.
2. Assumption of all costs and arrangements for travel to and from clinical facilities for clinical experiences.
3. Verification of a negative drug screen according to guidelines established by the clinical agencies utilized by the athletic training education program.
4. Negative criminal background check conducted according to guidelines established by the clinical agencies utilized by the athletic training education program.
5. Annual recertification of American Red Cross Professional Rescuer/AED First Aid and CPR or American Heart Association BLS for Health Care Providers certification or Emergency Medical Technician equivalency.
6. Initiate the Hepatitis B vaccination series while enrolled in AH 101 or provide documentation of completed series or complete the necessary waiver.

Policies:

Admission to the Professional Program:

To be eligible for admission to this program, in addition to meeting all requirements for admission to the University, applicants must:
1. Have a minimum quality-point ratio of 2.0 in all hours attempted in general studies curriculum requirements completed prior to application deadline.

2. Have a minimum quality-point ratio of 3.0 in all hours attempted in the athletic training major requirements completed prior to application deadline.

3. Submit complete application materials including recommendation forms from three faculty members to the Athletic Training Program Director by April 1 (December 1 and July 1 for transfer students meeting the requirements listed below). (Usually this should be submitted during the freshman or first year in the pre-professional program. All course requirements do not have to be completed prior to filing application).

4. Hold current American National Red Cross Professional Rescuer /AED First Aid and CPR or American Heart Association BLS for Health Care Providers certification or Emergency Medical Technician equivalency.

5. Successfully complete the Athletic Training Practicum courses AH 101 and AH 102. (Exception: Students meeting the transfer criteria listed below may be admitted without previously completing these courses but will have to successfully complete these courses or approved substitute courses as part of their curriculum.)

6. Interview with the Athletic Training Curriculum Selection Committee.

Students enrolled in clinical athletic training education courses must meet the following requirements established by the Commission on Accreditation of Athletic Training Education and clinical agencies utilized by the athletic training education program for clinical and field experiences.

1. Completion of the Pre-enrollment Physical Examination.

2. Student must present proof of immunization for MMR and DTP vaccines; failure to comply with this requirement will result in an incomplete grade for the designated course until the requirement is met. An incomplete grade will result in the inability to advance in the program.

3. Student must complete OSHA training and submit verification of OSHA training to be kept in the athletic training student portfolio.

4. Completion and submission of an acknowledgement of the Technical Standards for Admission form.

5. Completion and submission of a Confidentiality Statement for Athletic Training Students.

Transfer Students:

Students with previous documented clinical experience in athletic training who transfer to UWA and meet the following requirements in addition to the above admission requirements may be eligible for admission to the athletic training professional program upon enrollment in the first semester at UWA:

1. Documentation of a minimum of at least 120 hours of clinical experience supervised by a BOC certified athletic trainer or a state credentialed athletic trainer.

2. One of the three recommendation forms must be from the student’s primary supervising athletic trainer from the previous institution. The remaining two recommendation forms must be from the faculty of the student’s previous institution.

Progression Requirements:

In order to progress in the athletic training professional program, students must:

1. Achieve a minimum grade of “C” in each athletic training major course attempted. For any athletic training major course in which the student earns
less than a “C” the entire course must be repeated. Students may repeat an athletic training (AH) course only once.

2. Maintain a cumulative quality-point ratio of 3.0 in all hours attempted in the athletic training major requirements.

3. Maintain a cumulative quality-point ratio of 2.0 in all hours attempted in general studies course requirements.

4. Maintain good standing with the University according to UWA student policies and procedures.

5. Maintain current American National Red Cross Professional Rescuer/AED First Aid and CPR or American Heart Association BLS for Health Care Providers certification or Emergency Medical Technician equivalent.

NOTE: Failure to maintain any of the above progression requirements results in academic probation and/or suspension from the athletic training professional program. In addition to academic probation or suspension, the student’s enrollment in the athletic training professional program may be terminated at any time if, in the judgment of the athletic training faculty, the student demonstrates academic, social, or emotional behaviors or physical problems inappropriate to the practice of athletic training. Students whose health status and/or clinical performance jeopardizes the patients assigned to his/her care may also be dismissed from the athletic training professional program. Students suspended from the athletic training professional program, may apply for re-admission to the program through the Athletic Training Curriculum Selection Committee when the deficiencies are removed. Students suspended twice from the program are ineligible to re-apply.

Definitions:

Unconditional Acceptance: A student may be accepted to the athletic training professional program after completing all admission requirements without deficiencies as stated in the UWA Athletic Training Curriculum Admission Requirements.

Conditional Acceptance: Students applying to the athletic training curriculum with a GPA in the range of 1.75-1.99 for all general course work and/or 2.75-2.99 for all athletic training course work may be accepted into the program conditionally if all other application requirements have been met. Students accepted conditionally will be placed on a probationary status for one academic year. Failure to correct deficiencies after one academic year will lead to suspension from the Athletic Training Education Program.

Probation: Deficiencies in admission or progression requirements may result in the student being placed on probationary status. Probationary status is generally one academic year in length except when a student has clearly corrected any and all deficiencies. A student on probation may be limited in the total number of clinical hours allowed per week. Generally, students will not be given primary responsibility for a varsity sport during their probationary period. Students failing to correct all deficiencies at the end of one academic year from the date of probation will be suspended from the athletic training professional program.

Suspension: Students suspended from the athletic training professional program will not be assigned clinical experiences or responsibilities within athletic training. Students will not be allowed to take any professional level athletic training courses other than to repeat courses in which they have earned less than a "C."
Technical Standards for Admission:

The Athletic Training Education Program at The University of West Alabama is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Education Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program’s accrediting agency (Commission on Accreditation of Athletic Training Education [CAATE]). The following abilities and expectations must be met by all students admitted to the Athletic Training Education Program. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Compliance with the program’s technical standards does not guarantee a student’s eligibility for the BOC certification exam.

Candidates for selection to the Athletic Training Education Program must demonstrate:

1. the mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm;
2. sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients;
3. the ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgements and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice;
4. the ability to record the physical examination results and a treatment plan clearly and accurately;
5. the capacity to maintain composure and continue to function well during periods of high stress;
6. the perseverance, diligence and commitment to complete the athletic training education program as outlined and sequenced;
7. flexibility and the ability to adjust to changing situations and uncertainty in clinical situations;
8. affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the athletic training education program will be required to verify they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

The UWA Student Success Center, Foust Hall 7, (205) 652-3651 or the Office of Student Affairs, Webb Hall 323, (205) 652-3851 will evaluate a student who states he/she could meet the program’s technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws.

If a student states he/she can meet the technical standards with accommodation, then the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review as to
whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the educational process of the student or the institution, including all coursework, clinical experiences and internships deemed essential to graduation.

DEGREES OFFERED IN THE JULIA TUTWILER COLLEGE OF EDUCATION

Bachelor of Arts — Bachelor of Science

Major Teaching areas:
  Elementary Education (K-6)
  Physical Education (P-12)
  Special Education (K-6) (6-12)

Non-teaching majors:
  Athletic Training
  Physical Education

Certification in Early Childhood (P-3) is included with Elementary Education K-6 degree. Certification in grades 6-12 Secondary Education is offered in collaboration with the College of Natural Sciences and Mathematics and the College of Liberal Arts in the following areas: Biology, Chemistry, Science, Mathematics, English Language Arts, History, and Social Sciences.

DEGREE REQUIREMENTS

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

The requirements for the Bachelor of Arts degree are the same as those for the Bachelor of Science degree below in addition to 12 semester hours (or equivalent) of a foreign language must be completed with at least a “C” average.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

Teacher certification students:

1. Completion of a total of at least 120 semester hours with a 2.5 quality-point ratio in overall hours.
2. Completion of the basic curriculum as shown below, with a 2.5 quality point ratio (overall and in basic curriculum courses taken at UWA).
3. Completion of the total number of semester hours in the teaching field with a quality-point ratio of 2.5 on all courses with no grade lower than a “C.”
4. Completion of all courses required in the professional education component with a quality-point ratio of 2.5 on all courses with no grade lower than a “C.”

Physical Education non-certification students:

1. Completion of a total of at least 120 semester hours with a 2.0 quality-point ratio in overall hours.
2. Completion of the basic curriculum with a 2.0 quality point ratio (overall and in basic curriculum courses taken at UWA).
3. Completion of the major with a 2.0 quality point ratio.
Athletic training students:
1. Completion of a total of at least 120 semester hours with a 2.0 quality-point ratio in overall hours.
2. Completion of the basic curriculum with a 2.0 quality point ratio (overall and in basic curriculum courses taken at UWA).
3. Completion of the total number of semester hours in the athletic training major requirements with a quality-point ratio of 3.0 on all courses with no grade lower than a “C.”

APPROVED TEACHING FIELDS
(SBE and NCATE Approved)

Students must be Unconditionally admitted to the Teacher Education Program in order to enroll in the courses marked with an asterisk (*).

ELEMENTARY EDUCATION (K-6)
(Includes Certification in Early Childhood P-3)

BASIC CURRICULUM

I. Written Composition ................................................................. 6 hours
   A. Six semester hours from the following sequences:
      EH 101, Written English I ........................................................ 3
      EH 102, Written English II ..................................................... 3
      OR
      EH 103, Honors English I ...................................................... 3
      EH 104, Honors English II .................................................... 3

II. Humanities and Fine Arts ...................................................... 15 hours
   A. Six semester hours from the following sequences:
      EH 221, British Literature I ................................................... 3
      EH 222, British Literature II .................................................. 3
      OR
      EH 231, American Literature I ............................................... 3
      EH 232, American Literature II .............................................. 3
      OR
      EH 213, Honors Literature I .................................................. 3
      EH 214, Honors Literature II ................................................ 3
   B. Three semester hours from the following:
      SH 100, Principles of Public Speaking ..................................... 3
      SH 150, Professional Speaking ............................................... 3
   C. Six semester hours from the following:
      AT 100, Introduction to Art .................................................. 3
      MU 100, Introduction to Music .............................................. 3
      TH 100, Introduction to Theatre ............................................ 3

III. Natural Sciences and Mathematics ....................................... 19 hours
   A. Four semester hours from the following:
      BY 101, Introduction to Biology I ......................................... 4
      BY 103, Honors Biology ....................................................... 4
   B. MH 113, Precalculus Algebra .............................................. 3
   C. Twelve semester hours from the following:
      BY 102, Introduction to Biology II ....................................... 4
      BY 212, General Botany ....................................................... 4
BY 222, General Zoology ................................................. 4
CH 101, Introductory General Chemistry .............................. 4
CH 102, Introductory Organic Chemistry .............................. 4
CH 111, General Chemistry I ........................................... 4
EN 100, Introduction to Environmental Science .......................... 4
ES 100, Survey of Earth Science ....................................... 4
PH 100, Survey of Physics .............................................. 4
PH 190, Astronomy ..................................................... 4
PH 201, College Physics I .............................................. 4

IV. History, Social, and Behavioral Sciences ......................... 12 hours
A. Six semester hours from the following sequences:
   HY 101, History of Western Civilization I .......................... 3
   HY 102, History of Western Civilization II ......................... 3
   OR
   HY 103, Honors History I .......................................... 3
   HY 104, Honors History II .......................................... 3
   OR
   HY 211, American History I ...................................... 3
   HY 212, American History II ...................................... 3

B. Six semester hours from Social and/or Behavioral Sciences:
   AN 100, Introduction to Anthropology ................................ 3
   EC 231, Macroeconomics ........................................... 3
   EC 232, Microeconomics ........................................... 3
   GY 100, Introduction to Geography ................................ 3
   PS 110, American Government ..................................... 3
   PY 100, General Psychology ....................................... 3
   SY 100, Principles of Sociology ................................... 3
   SY 110, Social Problems ........................................... 3

V. Other Core Requirements ............................................. 9 hours
Nine semester hours of higher level mathematics
(above MH 113) ..................................................... 9

PROFESSIONAL EDUCATION COMPONENT .......................... 24 hours
ED 300, Introduction to Teaching and Learning ........................ 3
ED 400, Measurement and Assessment ................................... *3
ED 405, Technology and Education ..................................... 3
SE 400, Introduction to Special Education ............................ *3
ED 409, Internship P-12 ............................................. *12
*(Must be unconditionally admitted to the Teacher Education Program.)

TEACHING FIELD REQUIREMENTS ..................................... 40 hours
CE 310, Introduction to Childhood Education .......................... 3
EE 300, Effective Teaching and Learning ................................ 3
EE 303, Classroom Management for Elementary Teachers .................. 3
GY 300, Geography for Teachers, GY 100, Introduction to Geography or
   SP 129, Spanish for Educators ..................................... 3

JUNIOR BLOCK
Must be taken concurrently as a block prior to Senior Block
EE 301, Methods of Teaching Reading ..................................... 3
EE 304, Literature for Children and Young Adults ........................ 3
EE 324, Methods of Teaching Social Studies ........................... 3
EE 328, Elementary Clinical Experiences I .............................. 3
COLLABORATIVE TEACHER/SPECIAL EDUCATION K-6/6-12**

BASIC CURRICULUM

I. Written Composition ........................................................................ 6 hours
   A. *Six semester hours from one of the following sequences:*
      EH 101, Written English I ........................................... 3
      EH 102, Written English II ......................................... 3
      OR
      EH 103, Honors English I ........................................... 3
      EH 104, Honors English II ......................................... 3

II. Humanities and Fine Arts .............................................................. 12 hours
   A. *Six semester hours from one of the following sequences:*
      EH 221, British Literature I ....................................... 3
      EH 222, British Literature II ...................................... 3
      OR
      EH 231, American Literature I .................................. 3
      EH 232, American Literature II .................................. 3
      OR
      EH 213, Honors Literature I ...................................... 3
      EH 214, Honors Literature II .................................... 3
   B. *Three semester hours from the following:*
      SH 100, Principles of Public Speaking .......................... 3
      SH 150, Professional Speaking .................................. 3
   C. *Three semester hours from the following:*
      AT 100, Introduction to Art ...................................... 3
      MU 100, Introduction to Music .................................. 3
      TH 100, Introduction to Theatre ................................ 3

III. Natural Sciences and Mathematics ............................................. 11 hours
   A. *Four semester hours from one of the following:*
      BY 101, Introduction to Biology I ................................ 4
      BY 103, Honors Biology ........................................... 4
   B. MH 113, Precalculus Algebra ........................................ 3
   C. *Four semester hours from the following:*
      BY 102, Introduction to Biology II ............................. 4
      BY 212, General Botany .......................................... 4
      BY 222, General Zoology ........................................ 4
      CH 101, Introductory General Chemistry ...................... 4
      CH 102, Introductory Organic Chemistry ..................... 4
      CH 111, General Chemistry I .................................... 4
      EN 100, Introduction to Environmental Science ............. 4
ES 100, Survey of Earth Science ........................................... 4
PH 100, Survey of Physics ................................................... 4
PH 190, Astronomy .......................................................... 4
PH 201, College Physics I ................................................... 4

IV. History, Social, and Behavioral Sciences .................................. 12 hours
A. Six semester hours from one of the following sequences:
   HY 101, History of Western Civilization I ................................. 3
   HY 102, History of Western Civilization II ................................ 3
   OR
   HY 103, Honors History I .............................................. 3
   HY 104, Honors History II .............................................. 3
   OR
   HY 211, American History I .............................................. 3
   HY 212, American History II .............................................. 3

B. Six semester hours from Social and/or Behavioral Sciences:
   AN 100, Introduction to Anthropology ..................................... 3
   EC 231, Macroeconomics .................................................. 3
   EC 232, Microeconomics .................................................. 3
   GY 100, Introduction to Geography ....................................... 3
   PS 110, American Government ............................................. 3
   PY 100, General Psychology ............................................... 3
   SY 100, Principles of Sociology .......................................... 3
   SY 110, Social Problems .................................................. 3

V. Other Core Requirements (Advisor Approved Electives) .......... 19 hours
A. Nine semester hours of higher level mathematics
   (Above MH 113) ............................................................. 9

B. One additional science course (4 semester hours) from any of the approved science courses with labs in Area III-C: ................................. 4

C. Advisor approved elective .............................................. 3

D. SP 129, Spanish for Educators ........................................... 3

PROFESSIONAL EDUCATION COMPONENT ................................. 28 hours
ED 300, Introduction to Teaching and Learning ............................. 3
ED 333, Reading Methods Secondary/P-12 .................................. 3
ED 400, Measurement and Assessment ...................................... *3
ED 405, Technology and Education ......................................... 3
ED 408, Technology Portfolio ................................................ *1
SE 400, Introduction to Special Education .................................. 3
ED 409, Internship P-12 ...................................................... *12

TEACHING FIELD REQUIREMENTS ............................................. 32 hours
SE 301, Introduction to Collaborative Teaching in Special Education ............................................. 3
SE 303, Behavior Management in the Classroom ............................... 3
SE 305, Communication Skills for Exceptional Learners ........................ 3
SE 401, Assessment and Diagnosis in Special Education ....................... 3
SE 402, Educational Programming for Low Incidence Disabilities .......... 3
SE 405, Teachers and the Law ................................................. 3
SE 451, Methods for Teaching Special Education K-6 .................. *3
SE 452, Transition Planning ........................................ 3
ED 335, Field Experiences P/12 I .................................... 1
ED 336, Field Experiences P/12 II .................................. 1
ED 435, Field Experiences P/12 III .................................. *1
ED 436, Field Experiences P/12 IV .................................. *1
EE 300, Effective Teaching and Learning .............................. 3
PE 250, First Aid and CPR Professional Rescuer-AED ............. 1

* Must be unconditionally admitted to the Teacher Education program in order to enroll in these courses.

** Students receiving this dual certification cannot teach high school core subjects unless they have a major in the core area.

PHYSICAL EDUCATION (P-12)

BASIC CURRICULUM

I. Written Composition .................................................. 6 hours
   A. Six semester hours from the following sequences:
      EH 101, Written English I ...................................... 3
      EH 102, Written English II .................................... 3
      OR
      EH 103, Honors English I ..................................... 3
      EH 104, Honors English II ..................................... 3

II. Humanities and Fine Arts ........................................... 12 hours
   A. Six semester hours from the following sequences:
      EH 221, British Literature I .................................... 3
      EH 222, British Literature II .................................. 3
      OR
      EH 231, American Literature I .................................. 3
      EH 232, American Literature II ................................ 3
      OR
      EH 213, Honors Literature I .................................. 3
      EH 214, Honors Literature II .................................. 3
   B. Three semester hours from the following:
      SH 100, Principles of Public Speaking ......................... 3
      SH 150, Professional Speaking ................................ 3
   C. Three semester hours from the following:
      AT 100, Introduction to Art .................................... 3
      MU 100, Introduction to Music ................................ 3
      TH 100, Introduction to Theatre ................................ 3
      OR
      HR 100, Honors Forum ......................................... 1
      HR 200, Honors Special Topics: Interdisciplinary .......... 2

III. Natural Sciences and Mathematics ................................. 11 hours
   A. One of the following three options:
      BY 101 and 102, Introduction to Biology I and II* ............ 4
      BY 103, Honors Biology ......................................... 4
      BY 104, Principles of Biology .................................. 4
   *Students may be advised to take this two semester combination
based on academic experience and ACT performance. Students completing BY 101 and BY 102 do not need to complete any coursework from Part C below.

B. Three semester hours from the following:
   MH 113, Precalculus Algebra or higher ........................................... 3

C. Four semester hours from the following:
   BY 212, General Botany ........................................................................ 4
   BY 222, General Zoology ...................................................................... 4
   CH 101, Introductory General Chemistry .......................................... 4
   CH 102, Introductory Organic Chemistry .......................................... 4
   CH 111, General Chemistry I ................................................................ 4
   PH 100, Survey of Physics ................................................................... 4
   PH 201, College Physics I .................................................................... 4

IV. History, Social, and Behavioral Sciences ......................................... 12 hours
   A. Six semester hours from the following sequences:
      HY 101, History of Western Civilization I ........................................ 3
      HY 102, History of Western Civilization II ....................................... 3
      OR
      HY 103, Honors History I .................................................................. 3
      HY 104, Honors History II .................................................................. 3
      OR
      HY 211, American History I ............................................................. 3
      HY 212, American History II ............................................................. 3

   B. Six hours from Social and/or Behavioral Sciences:
      AN 100, Introduction to Anthropology ............................................. 3
      EC 231, Macroeconomics .................................................................. 3
      EC 232, Microeconomics .................................................................. 3
      GY 100, Introduction to Geography .................................................. 3
      PS 110, American Government ......................................................... 3
      PY 100, General Psychology ............................................................. 3
      SY 100, Principles of Sociology ......................................................... 3
      SY 110, Social Problems ................................................................... 3

V. Other Core Requirements ................................................................. 19 hours
   PE 200, Foundations of Physical Education ........................................ 3
   PE 250, First Aid and CPR Professional-AED ..................................... 1
   PE 251, Concepts of Health, Wellness and Fitness .............................. 3
   BY 231, Human Anatomy and Physiology I ...................................... 4
   Activity Classes (choose any 2 hours) .................................................. 2
   PE 100-126
   *Foundation Courses (choose any four hours from the following) ........ 4
      Activity Based Group
      PE 202-205
      Fitness Based Group
      PE 241, PE 242, PE 246
      Advisor approved elective ............................................................... 2

PROFESSIONAL EDUCATION COMPONENT ........................................... 35 hours
   ED 300, Introduction to Teaching and Learning .................................. 3
   ED 333, Reading Methods Secondary/P-12 ....................................... 3
   ED 335, Field Experiences P/12 I ......................................................... 1
ED 336, Field Experiences P/12 II .................................................. 1
ED 384, Methods of Teaching Physical Education .............................. *3
ED 400, Measurement and Assessment ........................................ 3
ED 405, Technology and Education .......................................... 3
ED 408, Technology Portfolio ................................................ *1
ED 435, Field Experiences P/12 III ........................................ *1
ED 436, Field Experiences P/12 IV ........................................... *1
SE 400, Introduction to Special Education ...................................... *3
ED 409, Internship P-12 ....................................................... *12

TEACHING FIELD REQUIREMENTS .............................................. 27 hours
PE 280, Teaching, Coaching, and Officiating Traditional
   Team Sports ........................................................................... 3
PE 281, Teaching, Coaching, and Officiating Non-Traditional
   Team Sports ........................................................................... 3
PE 321, Teaching Elementary Games and Activities ....................... 3
PE 323, Adapted Physical Education ........................................ 3
PE 345, Motor Learning and Motor Development ........................... 3
PE 373, Introduction to Athletic Training .................................... 3
PE 432, Organization and Administration in Human Performance ...... 3
PE 443, Kinesiology ................................................................. 3
PE 444, Exercise Physiology ....................................................... 3

* Must be unconditionally admitted to the Teacher Education program in order to enroll in this course.

ATHLETIC TRAINING COMPREHENSIVE
(NON-TEACHING CURRICULUM)

BASIC CURRICULUM

I. Written Composition ......................................................... 6 hours
   A. Six semester hours from the following sequences:
      EH 101, Written English I .................................................. 3
      EH 102, Written English II .............................................. 3
      OR
      EH 103, Honors English I .............................................. 3
      EH 104, Honors English II ............................................. 3

II. Humanities and Fine Arts .............................................. 12 hours
   A. Six semester hours from the following sequences:
      EH 221, British Literature I .............................................. 3
      EH 222, British Literature II ............................................ 3
      OR
      EH 231, American Literature I ......................................... 3
      EH 232, American Literature II ....................................... 3
      OR
      EH 213, Honors Literature I ......................................... 3
      EH 214, Honors Literature II ........................................ 3

   B. Three semester hours from the following:
      SH 100, Principles of Public Speaking ............................. 3
      SH 150, Professional Speaking ................................. 3
C. Three semester hours from the following:
   AT 100, Introduction to Art .................................. 3
   MU 100, Introduction to Music ............................... 3
   TH 100, Introduction to Theatre. ........................... 3
   OR
   HR 100, Honors Forum ....................................... 1
   HR 200, Honors Special Topics: Interdisciplinary ............. 2

III. Natural Sciences and Mathematics ............................. 11 hours
   A. One of the following three options:
      BY 101 and 102, Introduction to Biology I and II* ........... 8
      BY 103, Honors Biology ................................. 4
      BY 104, Principles of Biology ........................... 4
   *Students may be advised to take this two semester combination
      based on academic experience and ACT performance. Students complet-
      ing BY 101 and BY 102 do not need to complete any coursework from
      Part B below.
   B. Four semester hours from the following:
      BY 212, General Botany ..................................... 4
      BY 222, General Zoology ..................................... 4
      CH 101, Introductory General Chemistry ................... 4
      CH 102, Introductory Organic Chemistry ................... 4
      CH 111, General Chemistry I ............................. 4
      PH 100, Survey of Physics .................................. 4
      PH 201, College Physics I .................................. 4
   C. Three semester hours from the following:
      MH 113, Precalculus Algebra or higher .................... 3

IV. History, Social, and Behavioral Sciences ....................... 12 hours
   A. Six semester hours from the following sequences:
      HY 101, History of Western Civilization I .................. 3
      HY 102, History of Western Civilization II ................. 3
      OR
      HY 103, Honors History I ................................... 3
      HY 104, Honors History II ................................... 3
      OR
      HY 211, American History I .................................. 3
      HY 212, American History II .................................. 3
   B. Six semester hours from Social and/or Behavioral Sciences:
      PY 100, General Psychology .................................. 3
      Three semester hours from the following:
      AN 100, Introduction to Anthropology ....................... 3
      EC 231, Macroeconomics ...................................... 3
      EC 232, Microeconomics ...................................... 3
      GY 100, Introduction to Geography ........................... 3
      PS 110, American Government .................................. 3
      SY 100, Principles of Sociology ............................ 3
      SY 110, Social Problems ....................................... 3

V. Other Core Requirements ......................................... 19 hours
   A. Fourteen hours in pre-professional and major electives from
      the following: .............................................. 14
      BY 231, Human Anatomy and Physiology I (4)
BY 232, Human Anatomy and Physiology II (4)
BY 233, Applied Nutrition (3)

OR
PE 442, Sport and Exercise Nutrition (3)
PE 251, Concepts in Health, Wellness, and Fitness (3)

B. Advisor Approved Electives .................................. 5

Computer proficiency is required in all coursework, and either one of
the following courses is strongly recommended but not required as a
means to gain this proficiency:
CS 210, Introduction to CIS
OR
ED 405, Technology and Education

ATHLETIC TRAINING REQUIREMENTS .......................... 60 hours
AH 101, Practicum in Athletic Training I ................................. 1
AH 102, Practicum in Athletic Training II ................................. 1
AH 200, Introduction to Athletic Training .................................. 3
AH 281, Athletic Training Clinical Education I ............................... 1
AH 282, Athletic Training Clinical Education II ............................... 1
AH 300, General Medical Aspects of Athletic Training ......................... 3
AH 322, Evaluation of Injuries I ........................................ 3
AH 323, Evaluation of Injuries I Laboratory .................................. 1
AH 324, Evaluation of Injuries II ........................................ 3
AH 325, Evaluation of Injuries II Laboratory .................................. 1
AH 330, Therapeutic Modalities in Athletic Training ......................... 3
AH 331, Therapeutic Modalities in Athletic Training Laboratory ............. 1
AH 340, Rehabilitation of Injuries ......................................... 3
AH 341, Rehabilitation of Injuries Laboratory .................................. 1
AH 350, Organization and Administration of Athletic Training ............... 3
AH 381, Athletic Training Clinical Education III .............................. 1
AH 382, Athletic Training Clinical Education IV .............................. 1
AH 400, Clinicial Decisions in Athletic Training .................................. 3
AH 408, Seminar in Athletic Training ....................................... 1
AH 410, Protective Techniques for Injuries .................................... 3
AH 481, Athletic Training Clinical Education V .............................. 1
AH 482, Athletic Training Clinical Education VI .............................. 1
PE 443, Kinesiology .................................................. 3
PE 444, Exercise Physiology .................................................. 3
PE 445, Exercise Physiology Lab I ........................................... 1
PE 446, Biomechanics of Human Movement .................................... 3
PE 465, Psychology and Sociology of Human Performance ................... 3
PE 470, Development of Strength and Conditioning Programs ............... 3

Electives from the following ........................................... 4
AH 397, Independent Study in Athletic Training (1-3)
AH 409, Preprofessional Clinical Experience (1-4)
AH 498, Selected Topics in Athletic Training (1-3)
BY 234, Medical Terminology (3)
PE 442, Flexibility (2)
PE 446, Endurance Training (2)
PE 421, Testing in Human Performance (3)
PE 434, Sport and Exercise Law (3)
PE 451, Fitness and Wellness Programming (3)
PE 475, Emergency Management Athletic Injuries (1-3)
PE 476, Sports Medicine Seminar and Workshop (1-3)
PY 428, Health Psychology (3)
SH 330, Interpersonal Communications (3)
SP 229, Spanish for Medical Personnel (2)

**PHYSICAL EDUCATION (NON-TEACHING CURRICULUM)**

**BASIC CURRICULUM**

I. **Written Composition** ......................................................... 6 hours
   A. *Six semester hours from the following sequences:*
      EH 101, Written English I ........................................... 3
      EH 102, Written English II ......................................... 3
      OR
      EH 103, Honors English I ........................................... 3
      EH 104, Honors English II .......................................... 3

II. **Humanities and Fine Arts** ................................................. 12 hours
   A. *Six semester hours from the following sequences:*
      EH 221, British Literature I ....................................... 3
      EH 222, British Literature II .................................... 3
      OR
      EH 231, American Literature I .................................... 3
      EH 232, American Literature II .................................. 3
      OR
      EH 213, Honors Literature I .................................... 3
      EH 214, Honors Literature II ..................................... 3
   
   B. *Three semester hours from the following:*
      SH 100, Principles of Public Speaking ......................... 3
      SH 150, Professional Speaking .................................. 3
   
   C. *Three semester hours from the following:*
      AT 100, Introduction to Art ..................................... 3
      MU 100, Introduction to Music .................................. 3
      TH 100, Introduction to Theatre ................................ 3
      OR
      HR 100, Honors Forum ............................................. 1
      HR 200, Honors Special Topics: Interdisciplinary .......... 2

III. **Natural Sciences and Mathematics** ........................................ 11 hours
   A. *One of the following three options:*
      BY 101 and 102, Introduction to Biology I and II* ........... 8
      BY 103, Honors Biology ............................................ 4
      BY 104, Principles of Biology .................................... 4
      *Students may be advised to take this two semester combination based on academic experience and ACT performance. Students completing BY 101 and BY 102 do not need to complete any coursework from Part C below.
   
   B. *Three semester hours from the following:*
      MH 113, Precalculus Algebra .................................... 3
   
   C. *Four semester hours from the following:*
      For Exercise Science Emphasis:
      BY 222, General Zoology ......................................... 4
For Sport Management Emphasis:
  BY 212, General Botany ........................................ 4
  BY 222, General Zoology ...................................... 4
  CH 101, Introductory General Chemistry ...................... 4
  CH 102, Introductory Organic Chemistry ...................... 4
  CH 111, General Chemistry I .................................. 4
  EN 100, Introduction to Environmental Science .............. 4
  ES 100, Survey of Earth Science ................................ 4
  PH 100, Survey of Physics .................................... 4
  PH 190, Astronomy ............................................... 4
  PH 201, College Physics I ...................................... 4

IV. History, Social, and Behavioral Sciences .................. 12 hours

A. Six semester hours from the following sequences:
  HY 101, History of Western Civilization I .................... 3
  HY 102, History of Western Civilization II .................... 3
  OR
  HY 103, Honors History I ...................................... 3
  HY 104, Honors History II ...................................... 3
  OR
  HY 211, American History I .................................... 3
  HY 212, American History II .................................... 3

B. Six semester hours from Social and/or Behavioral Sciences:
For Exercise Science Emphasis:
  AN 100, Introduction to Anthropology ........................... 3
  EC 231, Macroeconomics ....................................... 3
  EC 232, Microeconomics ....................................... 3
  GY 100, Introduction to Geography ............................ 3
  PS 110, American Government .................................. 3
  PY 100, General Psychology .................................... 3
  SY 100, Principles of Sociology ................................ 3
  SY 110, Social Problems ....................................... 3
For Sport Management Emphasis:
  EC 231, Macroeconomics ....................................... 3
  EC 232, Microeconomics ....................................... 3

V. Other Core Requirements .................................. 19 hours

PE 200, Foundations of Physical Education ........................ 3
  (Physical Education majors choosing Exercise Science
   Emphasis should take PE 240)
PE 250, First Aid and CPR Professional Rescuer-AED ............ 1
PE 251, Concepts of Health, Wellness and Fitness ............... 3
BY 231, Human Anatomy and Physiology I ....................... 4
Activity Classes (choose any two) ................................. 2
  PE 100-126
Foundation Courses ............................................... 4
  For Exercise Science Emphasis:
    Choose any two from Fitness Based Group
  For Sport Management Emphasis:
    Choose any from the two groups below:
      Activity Based Group: PE 202-205
      Fitness Based Group: PE 241, PE 242, PE 246
  Advisor approved elective ...................................... 2
PHYSICAL EDUCATION REQUIREMENTS ................................. 60-61 hours
PE 434, Sport and Exercise Law ........................................ 3
PE 443, Kinesiology ..................................................... 3
PE 444, Exercise Physiology ............................................ 3
PE 465, Psychology and Sociology of Human Performance ....... 3

Exercise Science Emphasis ............................................ 48 hours
BY 232, Human Anatomy and Physiology II ....................... 4
BY 234, Medical Terminology ....................................... 3
BY 331, Immunology .................................................. 4
OR
BY 330, Hematology
PE 323, Adapted Physical Education ................................. 3
PE 345, Motor Learning/Motor Development ......................... 3
PE 373, Introduction to Athletic Training ......................... 3
PE 421, Testing in Human Performance ............................ 3
PE 442, Sport and Exercise Nutrition ............................... 3
PE 445, Exercise Physiology Lab ................................... 1
PE 446, Biomechanics of Human Movement ....................... 3
PE 449, Exercise Science Internship .................................. 12
PE 451, Fitness and Wellness Programming ....................... 3
Approved Physical Education/Athletic Training
Electives (300-400 level) ............................................ 3

Sport Management Emphasis ......................................... 25 hours
PE 280, Teaching, Coaching, and Officiating
Traditional Team Sports ............................................. 3
PE 281, Teaching, Coaching, and Officiating
Non-Traditional Team Sports ....................................... 3
PE 332, Organization and Administration in Human Performance 3
PE 336, Sport Management Seminar ................................ 1
PE 439, Sports Management Internship ............................ 12
Approved Physical Education/Athletic Training
Electives (300-400 level) ............................................ 3

Business Administration Minor ...................................... 24
(This minor is required as part of this emphasis.)
CS 210, Introduction to CIS ......................................... 3
AC 211, Accounting I ................................................. 3
AC 212, Accounting II ............................................... 3
BA 263, Business Law and Legal Environment .................. 3
BA 320, Business Communications .................................. 3
FI 300, Finance ....................................................... 3
MG 300, Management ............................................... 3
MK 300, Marketing .................................................... 3
Listed below are the patterns for academic minor programs available to students enrolled in major programs that allow the option of a minor. The college in which the minor program is housed is identified parenthetically with each pattern (LA = Liberal Arts, NSM = Natural Sciences and Mathematics, BUS = Business, ED = Education).

### MINOR PROGRAMS

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>ACCOUNTING (BUS)</strong></td>
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<tr>
<td>AC 211, Accounting I</td>
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<tr>
<td>AC 212, Accounting II</td>
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<td>AC 311, Intermediate Accounting I</td>
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<td>AC 312, Intermediate Accounting II</td>
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<td>AC 321, Cost Accounting</td>
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<tr>
<td>AC 440, Governmental Accounting</td>
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<tr>
<td>Approved elective in Accounting</td>
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<tr>
<td><strong>AFRICAN-AMERICAN STUDIES (LA)</strong></td>
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<tr>
<td>AS 100, Introduction to African-American Studies</td>
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<tr>
<td>HY 371, Blacks and the Law</td>
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<tr>
<td>HY 471, African-American History, 1400-1865</td>
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<tr>
<td>HY 472, African-American History, 1866-present</td>
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<td>Three of the following:</td>
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<tr>
<td>AS 270, African Roots/American Soil</td>
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<td>EH 330, African-American Literature</td>
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<td>HY 372, The Civil Rights Movement</td>
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<td>HY 473, Slavery in North America</td>
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<td>HY 476, Comparative Slavery</td>
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<tr>
<td><strong>ART (LA)</strong></td>
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<tr>
<td>AT 211, Drawing</td>
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<td>AT 230, Basic Design</td>
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<td>AT 301, Survey of Art History I</td>
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<td>AT 302, Survey of Art History II</td>
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<td>AT 321, Painting I</td>
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<td>AT 341, Ceramics Studio I</td>
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<tr>
<td>Approved elective in Art</td>
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### ACADEMIC MINOR PROGRAMS

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td><strong>BIOLOGY (NSM)</strong></td>
<td>25</td>
</tr>
<tr>
<td>BY 212, General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
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<tr>
<td>BY 308, Seminar in Biology</td>
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<tr>
<td>BY 380, Genetics</td>
<td>4</td>
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<tr>
<td>BY 450, Ecology</td>
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<tr>
<td>BY 471, Biochemistry OR BY 472, Cell Biology</td>
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<tr>
<td>Approved electives in Biology (from 300-400 series)</td>
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</tr>
<tr>
<td><strong>BUSINESS ADMINISTRATION (BUS)</strong></td>
<td>24</td>
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<tr>
<td>CS 205, Microcomputer Applications</td>
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<tr>
<td>AC 211, Accounting I</td>
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<tr>
<td>AC 212, Accounting II</td>
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<tr>
<td>BA 263, Business Law and Legal Environment</td>
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<tr>
<td>BA 320, Business Communications</td>
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<tr>
<td>FI 300, Finance</td>
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<tr>
<td>MG 300, Management</td>
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<tr>
<td>MK 300, Marketing</td>
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<tr>
<td>(NOTE: Students who are minoring in Business Administration must take EC 231 and 232 as prerequisites.)</td>
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<tr>
<td><strong>CHEMISTRY (NSM)</strong></td>
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<tr>
<td>CH 111, General Chemistry I</td>
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<td>CH 112, General Chemistry II</td>
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<td>CH 308, Seminar in Chemistry</td>
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<td>CH 241, Organic Chemistry I</td>
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<tr>
<td>CH 242, Organic Chemistry II</td>
<td>4</td>
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<tr>
<td>Approved electives in Chemistry (from 300-400 series)</td>
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<tr>
<td><strong>COMPUTER INFORMATION SYSTEMS (BUS)</strong></td>
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<tr>
<td>CS 210, Introduction to CIS</td>
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</tr>
<tr>
<td>CS 300, Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CS 470, Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 472, Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CS 480, Systems Project</td>
<td>3</td>
</tr>
<tr>
<td>Two approved electives in Computer Informations Systems</td>
<td>6</td>
</tr>
<tr>
<td><strong>ENGLISH (LA)</strong></td>
<td>20</td>
</tr>
<tr>
<td>One of the following sequences:*</td>
<td></td>
</tr>
<tr>
<td>EH 221, and 222, British Literature I and II</td>
<td>6</td>
</tr>
<tr>
<td>EH 231 and 232, American Literature I and II</td>
<td>6</td>
</tr>
<tr>
<td>*The other sequence will have been taken in the basic curriculum.</td>
<td></td>
</tr>
<tr>
<td>EH 301, Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>EH 302, Introduction to Research</td>
<td>2</td>
</tr>
<tr>
<td>Approved electives in English</td>
<td>9</td>
</tr>
<tr>
<td>(NOTE: The total number of hours in EH 370, EH 470, and EH 379 that an English major or minor may use in meeting major or minor requirements is limited to four.)</td>
<td></td>
</tr>
<tr>
<td><strong>ENVIRONMENTAL SCIENCES (NSM)</strong></td>
<td>23</td>
</tr>
<tr>
<td>BY 450, Ecology</td>
<td>4</td>
</tr>
<tr>
<td>GE 102, Physical Geology</td>
<td>4</td>
</tr>
</tbody>
</table>
## ACADEMIC MINOR PROGRAMS

### EN 100, Introduction to Environmental Sciences ............................................. 4

One of the following:  ......................................................................................... 3
  - EN 455, Ecological Management
  - EN 456, Ecological Restoration

Approved elective in Biology, Chemistry, Environmental Sciences, Geology, or Technology (from 300-400 series) ................................. 8

### HISTORY (LA) ..................................................... 21

One of the following sequences:
  - HY 101, History of Western Civilization I ........................................ 3
  - HY 102, History of Western Civilization II ........................................ 3
  
  OR
  - HY 103, Honors History I ....................................................... 3
  - HY 104, Honors History II ..................................................... 3
  - HY 211, American History I ................................................... 3
  - HY 212, American History II ................................................... 3
  - HY 300, Historical Methodologies and Practices .......................... 3

Electives in History (from the 300 and 400 series) .............................. 6

### INTERNATIONAL STUDIES (LA) .................................................. 21

- IS 100, Contemporary International Problems ........................................ 3
- FR 201-202, Intermediate French I and II ...................................... 6
  OR
  - SP 201-202, Intermediate Spanish I and II
  - PS 330, Contemporary Europe Government ................................ 3
  - PS 340, International Relations ..................................................... 3

Two of the following*: ................................................................. 6
  - HY 342, History of England and The British Empire, 1603 to Present
  - HY 410, American Diplomatic History
  - HY 435, Contemporary Europe
  - HY 437, History of Nazism and Fascism
  - HY 450, History of East Asia

*The history courses cannot apply to both the minor and a history major.

### JOURNALISM (LA) .................................................... 20

- JN 200, Introduction to Mass Communications .................................. 3

Two of the following: .................................................................................. 2
  - JN 219, Journalism Practicum: Print (1)
  - JN 259, Journalism Practicum: Publishing (1)
  - JN 279, Journalism Practicum: Broadcast (1)
  - JN 240, Photography ........................................................................ 2
  - JN 300, Style and Editing Workshop ............................................... 1
  - JN 320, Writing for Mass Media ..................................................... 3
  - JN 350, Desktop Publishing ........................................................... 3

One of the following courses: ............................................................... 3
  - JN 360, Mass Media Design
  - JN 370, Television Production
  - JN 499, Journalism Internship ....................................................... 3

### MANAGEMENT (BUS) .................................................. 21

- AC 211, Accounting I ....................................................................... 3
- AC 212, Accounting II ....................................................................... 3
- CS 205, Microcomputer Applications ............................................. 3

### Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 100, Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>One of the following:</td>
<td>3</td>
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<tr>
<td>- EN 455, Ecological Management</td>
<td></td>
</tr>
<tr>
<td>- EN 456, Ecological Restoration</td>
<td></td>
</tr>
<tr>
<td>Approved elective in Biology, Chemistry, Environmental Sciences, Geology, or Technology (from 300-400 series)</td>
<td>8</td>
</tr>
<tr>
<td>HISTORY (LA)</td>
<td>21</td>
</tr>
<tr>
<td>One of the following sequences:</td>
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</tr>
<tr>
<td>- HY 101, History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>- HY 102, History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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<tr>
<td>- HY 103, Honors History I</td>
<td>3</td>
</tr>
<tr>
<td>- HY 104, Honors History II</td>
<td>3</td>
</tr>
<tr>
<td>- HY 211, American History I</td>
<td>3</td>
</tr>
<tr>
<td>- HY 212, American History II</td>
<td>3</td>
</tr>
<tr>
<td>- HY 300, Historical Methodologies and Practices</td>
<td>3</td>
</tr>
<tr>
<td>Electives in History (from the 300 and 400 series)</td>
<td>6</td>
</tr>
<tr>
<td>INTERNATIONAL STUDIES (LA)</td>
<td>21</td>
</tr>
<tr>
<td>- IS 100, Contemporary International Problems</td>
<td>3</td>
</tr>
<tr>
<td>- FR 201-202, Intermediate French I and II</td>
<td>6</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>- SP 201-202, Intermediate Spanish I and II</td>
<td></td>
</tr>
<tr>
<td>- PS 330, Contemporary Europe Government</td>
<td>3</td>
</tr>
<tr>
<td>- PS 340, International Relations</td>
<td>3</td>
</tr>
<tr>
<td>Two of the following*:</td>
<td>6</td>
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<tr>
<td>- HY 342, History of England and The British Empire, 1603 to Present</td>
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</tr>
<tr>
<td>- HY 410, American Diplomatic History</td>
<td></td>
</tr>
<tr>
<td>- HY 435, Contemporary Europe</td>
<td></td>
</tr>
<tr>
<td>- HY 437, History of Nazism and Fascism</td>
<td></td>
</tr>
<tr>
<td>- HY 450, History of East Asia</td>
<td></td>
</tr>
</tbody>
</table>

*The history courses cannot apply to both the minor and a history major.*

- JOURNALISM (LA)                                                      | 20    |
|   - JN 200, Introduction to Mass Communications                     | 3     |

Two of the following:                                                  | 2     |
|   - JN 219, Journalism Practicum: Print (1)                         |       |
|   - JN 259, Journalism Practicum: Publishing (1)                    |       |
|   - JN 279, Journalism Practicum: Broadcast (1)                     |       |
|   - JN 240, Photography                                              | 2     |
|   - JN 300, Style and Editing Workshop                               | 1     |
|   - JN 320, Writing for Mass Media                                  | 3     |
|   - JN 350, Desktop Publishing                                      | 3     |

One of the following courses:                                           | 3     |
|   - JN 360, Mass Media Design                                       |       |
|   - JN 370, Television Production                                   |       |
|   - JN 499, Journalism Internship                                   | 3     |

### MANAGEMENT (BUS)                                                   | 21    |
<p>|   - AC 211, Accounting I                                             | 3     |
|   - AC 212, Accounting II                                            | 3     |
|   - CS 205, Microcomputer Applications                              | 3     |</p>
<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 300, Management</td>
<td>3</td>
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<tr>
<td>Three of the following courses:</td>
<td>9</td>
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<tr>
<td>MG 310, Human Resources Management</td>
<td></td>
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<tr>
<td>MG 320, Labor Relations</td>
<td></td>
</tr>
<tr>
<td>MG 450, Organizational Behavior</td>
<td></td>
</tr>
<tr>
<td>BA 330, Business Ethics</td>
<td></td>
</tr>
<tr>
<td>(NOTE: Students who are minoring in Management must take EC 231 and 232 as prerequisites.)</td>
<td></td>
</tr>
<tr>
<td>MARKETING (BUS)</td>
<td>21</td>
</tr>
<tr>
<td>CS 205, Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>MK 300, Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MK 310, Salesmanship</td>
<td>3</td>
</tr>
<tr>
<td>MK 350, Market Research</td>
<td>3</td>
</tr>
<tr>
<td>MK 370, Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>Approved electives in Marketing</td>
<td>6</td>
</tr>
<tr>
<td>(NOTE: Students who are minoring in Marketing must take EC 231 and 232 as prerequisites.)</td>
<td></td>
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<tr>
<td>MATHEMATICS (NSM)</td>
<td>22</td>
</tr>
<tr>
<td>MH 213, Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MH 223, Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MH 224, Applied Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MH 300, Introduction to Advanced Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Approved electives in Mathematics (from 300-400 series)</td>
<td>9</td>
</tr>
<tr>
<td>MEDICAL SCIENCES (NSM)</td>
<td>26-28</td>
</tr>
<tr>
<td>BY 222, General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BY 231, Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BY 232, Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>CH 471, Biochemistry I</td>
<td>4</td>
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<tr>
<td>Three of the following courses:</td>
<td></td>
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<tr>
<td>BY 242, Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BY 331, Immunology</td>
<td>3</td>
</tr>
<tr>
<td>BY 380, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BY 472, Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CH 321, Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CH 341, Organic Chemistry III</td>
<td>3</td>
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<tr>
<td>CH 360, Environmental Chemistry</td>
<td>4</td>
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<tr>
<td>CH 431, Inorganic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC (LA)</td>
<td>21</td>
</tr>
<tr>
<td>MU 111, Music Fundamentals/Ear Training I</td>
<td>4</td>
</tr>
<tr>
<td>MU 112, Music Fundamentals/Ear Training II</td>
<td>4</td>
</tr>
<tr>
<td>MU 301, Survey of Music History I</td>
<td>3</td>
</tr>
<tr>
<td>Two of the following:</td>
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<tr>
<td>MU 303, American Music</td>
<td></td>
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<tr>
<td>MU 304, World Music</td>
<td></td>
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<tr>
<td>MU 305, Introduction to Jazz</td>
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</tr>
<tr>
<td>MU 306, 20th Century Music</td>
<td></td>
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<tr>
<td>MU 2— and 3—, Major applied concentration</td>
<td>4</td>
</tr>
<tr>
<td>In addition to meeting the course requirements, a minor in Music is re-</td>
<td></td>
</tr>
</tbody>
</table>
Courses | Hours
--- | ---
quired to participate in at least one musical organization each semester, |  |
to participate in student recitals as stipulated by the music faculty, and to |  |
attend student and faculty recitals and University-sponsored music pro- |  |
grams while in residence. |  |
PHYSICAL EDUCATION (ED) | 21
PE 200, Foundations of Physical Education | 3
PE 250, First Aid and CPR Professional Rescuer - AED | 1
PE 251, Concepts of Health, Wellness, and Fitness | 3
Approved Electives in Physical Education (300-400 level) | 12
Two activity courses from PE 100-126 | 2
POLITICAL SCIENCE: AMERICAN POLITICS (LA) | 21
PS 110, American Government | 3
PS 321, Constitutional Law | 3
PS 351, Political Philosophy | 3
Approved electives in Political Science | 12
(from the 300 series and HY 371) |  |
PSYCHOLOGY (LA) | 21
PY 100, General Psychology | 3
PY 200, History and Systems | 3
PY 300, Experimental Psychology | 3
Approved Electives in Psychology | 12
SOCIOLOGY (LA) | 21
SY 100, Principles of Sociology | 3
SY 110, Social Problems | 3
SY 312, Minority Relations | 3
SY 350, Modern Sociological Theory | 3
Approved electives in Sociology (from the 300 series) | 9
SPECIAL EDUCATION (ED) | 21
SE 301, Introduction to Collaborative Teaching in Special Education | 3
SE 303, Behavior Management in the Classroom | 3
SE 305, Communication Skills for Exceptional Learners | 3
SE 400, Introduction to Special Education | 3
SE 401, Assessment and Diagnosis in Special Education | 3
SE 402, Educational Programming for Low Incidence Disabilities | 3
PE 323, Adapted Physical Education | 3
TECHNOLOGY (BUS) | 21
CS 380, Network Communications | 3
CS 381, Network Administration I | 3
TY 231, Basic Blueprint Reading and Drafting | 3
TY 232, Computer-Aided Drafting/Design I | 3
TY 335, Computer-Aided Drafting/Design II | 3
TY 351, Principles of Occupational Safety and Health | 3
TY 453, Quality Management Systems | 3
Emeritus Professor of Languages John Craiger leads a 1962 introductory French class in a recitation lesson.
X. SCHOOL OF GRADUATE STUDIES

The School of Graduate Studies provides advanced study leading to the degrees of Master of Arts in Teaching, Master of Education, and Master of Science in Continuing Education. This school offers a fifth year of training for teachers in the areas of early childhood education, elementary education, high school education, pre-school through grade twelve (P-12) education and special education. The school also provides opportunities for instructional support personnel to pursue master’s degree programs in library media, school counseling and educational leadership. In addition, graduate courses are offered on-campus and off-campus for students who wish to renew certification, add a new certification area or update their knowledge and skills to advance their careers.

The degree of Master of Arts in Teaching (Certification) is designed for students who are already certified at the Class B level and wish to pursue a master’s degree program and certification in the same field. They have the opportunity to work in a single field of concentration, including biology, history, English language arts, mathematics, physical education, science and social science.

The degree program leading to the Master of Arts in Teaching (Non-Certification) is available to those students who hold a non-teaching bachelor’s degree and would like to prepare more thoroughly in a specialized academic area. This degree is oriented toward the preparation of students who plan to teach in the junior and community colleges or pursue advanced studies beyond the master’s level. Specialized areas are offered in biology, English, environmental science, history, language arts, physical education and social science.

The Master of Education and/or Master of Arts in Teaching degrees are also offered for non-traditional students in early childhood education/elementary education, secondary education and P-12 education (physical education and special education). The Non-Traditional Fifth-Year Program is designed to serve those students who have completed a non-teaching baccalaureate degree and would like to obtain a master’s degree and Class A Certification.

The Master of Science in Continuing Education degree offers graduate students the opportunity to pursue a general master’s degree. The degree also allows graduate students to concentrate in the areas of Library Media, Guidance and Counseling, and Counseling/Psychology. This degree does not lead toward teacher certification.

The Graduate Catalogue, which is available on request, contains detailed information on admission requirements, programs of study, and policies and procedures of the School of Graduate Studies. A qualified senior at UWA, lacking six to nine hours or less for graduation, or lacking only the student teaching experience, may be enrolled for up to nine hours of graduate studies, with the approval of the Dean of the School of Graduate Studies. Students interested in pursuing graduate studies at UWA should write to the Director of Admissions, Station 4, or Dean, School of Graduate Studies, Station 31, The University of West Alabama, Livingston, Alabama 35470.
THE UNIT OF CREDIT

The unit of credit at UWA is the semester hour. One semester hour represents one hour of class work or two hours of laboratory work each week throughout the semester. Two hours per week of out-of-class preparation is usually required for each semester hour of credit.
THE NUMBERING SYSTEM

UWA uses a three-digit numbering system. The first digit designates the level of the course, as follows:

- 000-099 — compensatory courses
- 100-199 — courses primarily for freshmen
- 200-299 — courses primarily for freshmen and sophomores
- 300-499 — courses primarily for upper-level undergraduate students (juniors and seniors)

The second digit is reserved to the department to designate relevant classifications of courses within the respective disciplines. The third digit is used to designate sequence of courses (but not necessarily prerequisites) or to distinguish a special type of course, such as independent study.

ACCOUNTING (AC)

AC 211. ACCOUNTING I (3)

Introduction to the field of accounting, including the accounting equation and the income statement with an emphasis on period ending adjustments. Prerequisite: MH 113.

AC 212. ACCOUNTING II (3)

Continued study of accounting concepts with emphasis on the liability and equity side of the balance sheet. Includes a study of partnerships, corporations, cash flows and financial statement analysis and an introduction to the study of management accounting concepts and processes. Prerequisite: “C” or higher in AC 211.

AC 300. SURVEY OF ACCOUNTING (3)

Survey of financial and managerial concepts helpful in understanding business concepts and practices. Covers financial statements for merchandising, manufacturing and service companies. Topics include: accounting cycle, financial statement analysis, budgeting, standard costing, contribution margins, cost-volume-profit analysis, and decision making. This course may not be used to fulfill requirements in the Business Administration programs. A student who has received credit for AC 211 and AC 212 is not eligible to enroll in AC 300. Prerequisites: MH 113, EC 231, EC 232.

AC 305. COMPUTER BASED ACCOUNTING SYSTEMS (3)

Study of computer-based accounting and utilization of technology in accounting information systems. Includes Excel, Peachtree, and other specialized software. Topics include flowcharting, strengthening internal controls, and processing financial information. Prerequisite: AC 311.

AC 311. INTERMEDIATE ACCOUNTING I (3)

This course provides a review of the accounting cycle, financial statements, revenue recognition and current assets. Prerequisite: “C” or higher in AC 212.

AC 312. INTERMEDIATE ACCOUNTING II (3)

Continuation of AC 311 with a review of non-current assets, debt and equity financing, other activities and earnings per share calculations. Prerequisite: AC 311.
AC 320.  MANAGERIAL ACCOUNTING (3)

In-depth study of interpretation and application of accounting data by management in planning and controlling business activities. Topics include financial statement analysis, price level changes, cost controls, budgeting and quantitative accounting techniques for management decision making. Cannot be used to satisfy requirements for a major in accounting. Prerequisite: AC 212.

AC 321.  COST ACCOUNTING (3)

Basic principles of cost accounting as applicable to job order and process cost accounting systems, emphasizing managerial aspects. Prerequisite: "C" or higher in AC 212.

AC 322.  ADVANCED COST ACCOUNTING (3)


AC 331.  FEDERAL INCOME TAX I (3)

Comprehensive study of the federal income taxation of individuals. Prerequisite: "C" or higher in AC 212.

AC 332.  FEDERAL INCOME TAX II (3)

Study of the federal income taxation of partnerships, corporations and fiduciaries. Prerequisite: AC 331.

AC 333.  VOLUNTEER INCOME TAX ASSISTANCE PRACTICUM (3)

Accounting majors combine academic study with service to the community by electronically filing income tax returns free for qualified individuals. Enhances the student’s tax knowledge, client interaction and computer skills. Prerequisite: AC 331.

AC 407.  INDEPENDENT STUDY IN ACCOUNTING (1-3)

Independent study in accounting. Content and nature determined by individual needs and interests of the students. Required research paper and projects. Maximum of three hours credit. Prerequisite: permission of the Dean.

AC 408.  SELECTED TOPICS IN ACCOUNTING (1-3)

Critical readings, lectures, and discussions of selected topics not generally included in course offerings. Content determined by student interest and need. May be repeated for a maximum of three semester hours credit. Prerequisite: permission of the Dean.

AC 411.  ADVANCED ACCOUNTING I (3)

Introduction to business combinations, consolidated financial statements at the date of acquisition and subsequent to acquisition, intercompany transactions and other special issues relating to consolidations, multinational accounting, and partnerships. Prerequisite: AC 312.
AC 412. ADVANCED ACCOUNTING II (3)
A continuation of AC 411. Includes special reporting concerns relating to interim
reporting and segmental data and the securities and exchange commission, partner-
ships, government and not-for-profit accounting and fiduciary accounting. Prerequi-
site: AC 411.

AC 440. GOVERNMENTAL ACCOUNTING (3)
Accounting theory and practice as applied to governmental divisions with empha-
sis on classification of accounts, fund accounting, statements and reports. Prerequi-
site: AC 312.

AC 451. AUDITING I (3)
Auditing theory and practice, professional ethics, working papers, financial state-
ments and report writing. Prerequisites: AC 312 and AC 321.

AC 452. AUDITING II (3)
A continuation of AC 451. Includes auditing theory and practice, professional eth-
ics, working papers, financial statements and report writing. Prerequisite: AC 451.

AC 460. ACCOUNTING/FINANCE INTERNSHIP (3)
A work related experience in a private, public, or governmental organization en-
hancing the applications of accounting/finance theories and concepts. Prerequisite:
AC 312 and senior standing. Students may not register for this course until the ap-
lication has been completed and approved by the Dean’s Office.

AC 491. CPA REVIEW: AUDITING AND ATTESTATION (1)
Intensive review of auditing topics related to planning and engagement respon-
sibilities, risk assessment, internal control, evidence, and reports. Prerequisites:
completion of all required accounting major courses or approval of instructor.

AC 492. CPA REVIEW: FINANCIAL ACCOUNTING AND REPORT (1)
Intensive review of accounting topics related to business structure, economics, fi-
nance, information technology, and cost accounting. Prerequisite: completion of all
required accounting major courses or approval of instructor.

AC 493. CPA REVIEW: REGULATION (1)
Intensive review of topics related to business structure, economics, finance, infor-
mation technology, and cost accounting. Prerequisite: completion of all required
accounting major courses or approval of instructor.

AC 494. CPA REVIEW: BUSINESS ENVIRONMENT AND CONCEPTS (1)
Intensive review of topics related to business structure, economics, finance, infor-
mation technology, and cost accounting. Prerequisite: completion of all required
accounting major courses or approval of instructor.

AFRICAN-AMERICAN STUDIES (AS)

AS 100. INTRODUCTION TO AFRICAN-AMERICAN STUDIES (3)
An examination of the African-American experience both in Africa and the new
World concentrating on history, literature, art, and music.
AS 270. AFRICAN ROOTS/AMERICAN SOIL (3)

An examination of the influence and contribution of Africa to the development of America including religion, art, music, and popular culture.

AIR FORCE STUDIES (AFS)
Courses offered at University of Alabama campus only

AFS 101-102. LEADERSHIP LABORATORY (1)

A study of Air Force customs and courtesies, drill and ceremonies, and military commands. Also studied are the environment of an Air Force officer and learning about areas of opportunity available to commissioned officers.

AFS 110. AIR FORCE NOW (1)

An introductory survey course that examines the history, organization, mission, and doctrine of the United States Air Force. Emphasis is placed on the study of U.S. strategic offensive and defensive forces, their organization, mission, and function. Effective written communication is stressed. One hour lecture and a one and one-half hour lab per week. Offered fall semester only. Corequisite: AFS 101 Leadership Laboratory.

AFS 120. AIR FORCE NOW (1)

A survey course that examines U.S. general-purpose forces and aerospace support forces in terms of their organization, mission, and operation. Additionally, a study is made of the operations of tactical air forces, with emphasis on conventional and non-nuclear warfare. A review of Army, Navy, and Marine general-purpose forces is also included. Emphasis is placed on effective written communication. One hour lecture and a one and one-half hour lab per week. Offered spring semester only. Corequisite: AFS 102 Leadership Laboratory.

AFS 201-202. LEADERSHIP LABORATORY (1)

A study of Air Force customs and courtesies, drill and ceremonies, and military commands. Also studied are the environment of an Air Force officer and learning about areas of opportunity available to commissioned officers.

AFS 230. AIR POWER DEVELOPMENT (1)

A study of the development of air power from balloons and dirigibles through the World War II era. The course includes technological impact on aviation, American attitudes toward aviation, development of doctrine and policy governing employment of air power, and growth of aviation through World War II. Emphasis is placed on effective oral communication. One hour lecture and a one and one-half hour lab per week. Offered fall semester only. Corequisite: AFS 201 Leadership Laboratory.

AFS 240. AIR POWER DEVELOPMENT (1)

A study of air power from the Berlin Airlift through the contemporary environment. The course includes continued growth and use of air power during the Korean War, the Cuban missile crisis, and in Southeast Asia, and peaceful employment of the American air forces. Emphasis is placed on effective oral communication. One hour lecture and a one and one-half hour lab per week. Offered spring semester only. Corequisite: AFS 202 Leadership Laboratory.
AFS 301-302. LEADERSHIP LABORATORY (1)

Include activities classified as leadership and management experiences. Also studied are the planning and controlling of military activities of the cadet corps and the preparation and presentation of briefings and other oral and written communications. Laboratory also includes interviews, guidance, and information which will increase the understanding, motivation, and performance of other cadets.

AFS 350. LEADERSHIP AND MANAGEMENT (3)

A study of management fundamentals and communication skills with concentration on Air Force applications. Individual motivational and behavioral processes and group dynamics are covered to provide a foundation for development of the junior officer’s managerial skills. Air Force staffing, counseling, and career management are also addressed. Emphasis is placed on the development of effective oral and written communication. Speaking and writing proficiency are required for a passing grade in this course. Three hours lecture and a one and one-half hour lab per week. Offered fall semester only. Prerequisite: Completion of four- or six-week field training courses or approval of the professor of Air Force studies. Corequisite: AFS 301 Leadership Laboratory.

AFS 360. LEADERSHIP AND MANAGEMENT (3)

A study of leadership and quality management, and their relationship in the dynamic environment of the Air Force officer. Management systems, leadership theory, and the decision-making process are the primary areas of emphasis in this course. Potential for conflict arising from political, organizational, and personal influences are also addressed. Speaking and writing proficiency are required for a passing grade in this course. Three hours lecture and a one and one-half hour lab per week. Offered spring semester only. Prerequisite: AFS 350. Corequisite: AFS 302 Leadership Laboratory.

AFS 401-402. LEADERSHIP LABORATORY (1)

Include activities classified as leadership and management experiences. Also studied are the planning and controlling of military activities of the cadet corps and the preparation and presentation of briefings and other oral and written communications. Laboratory also includes interviews, guidance, and information which will increase the understanding, motivation, and performance of other cadets.

AFS 470. NATIONAL SECURITY POLICY (3)

A study of the evolution and structure of and processes involved in American national security policy formulation and implementation. The organization, function, and authority of the various governmental bodies with respect to national security decision making are covered. Historical and current involvement of the military with national security concerns is addressed. Regional studies include the CIS, the Middle East, and Latin America. Speaking and writing proficiency are required for a passing grade in this course. Three hours lecture and a one and one-half hour lab per week. Offered fall semester only. Prerequisite: AFS 360. Corequisite: AFS 401 Leadership Laboratory.

AFS 480. NATIONAL SECURITY POLICY (3)

A study of international security issues and selected topics in military professionalism. Professional topics include military law, Air Force doctrine, and current issues and trends in the military profession. Speaking and writing proficiency are required for a passing grade in this course. Three hours lecture and a one and one-half hour
lab per week. Offered spring semester only. Prerequisite: AFS 470. Corequisite: AFS 402 Leadership Laboratory.

ANTHROPOLOGY (AN)

AN 100. INTRODUCTION TO ANTHROPOLOGY (3)
An introduction to the study of human culture from an anthropological perspective. Contributions from the biological and historical sciences, as well as linguistics, are considered.

AN 200. CULTURAL ANTHROPOLOGY (3)
An overview of the nature of culture and its role in human behavior. Prerequisites: AN 100 or permission of the department chairperson.

AN 400. ARCHAEOLOGICAL LABORATORY METHODS (3)
An introduction to the scientific and anthropological processing, analysis, and conservation of materials recovered from prehistoric and historic archaeological sites. Prerequisite: AN 100 or permission of the department chairperson.

AN 485. FUNDAMENTALS OF HISTORICAL ARCHAEOLOGY (3)
Explores archaeologists’ use of documentary evidence, oral history, and artifacts in interpreting social development in eastern North America from 1500 AD to 1900 AD. Prerequisite: AN 100.

ART (AT)

AT 100. INTRODUCTION TO ART (3)
Study of significant works of art throughout history to heighten perception and enjoyment of the visual arts. Consideration of formal elements of artistic production in works representative of a broad range of styles, forms, and periods.

AT 211. DRAWING I (3)
A basic drawing course. Beginning to advanced studies from life. Emphasis on observation and accurate spatial and proportionate rendering through line and value studies. Introduction to composition and creative approaches to personal expression. Four hours weekly.

AT 230. BASIC DESIGN (3)
A study of the formal qualities of art stressing creative work using the principles of design, the aims of organization, and plastic elements of color, line, texture, space, and form in a variety of media.

AT 301. SURVEY OF ART HISTORY I (3)
An introduction to the history of the visual expression of ideas from pre-history through the High Renaissance.

AT 302. SURVEY OF ART HISTORY II (3)
Explores the history of visual ideas from the end of the Renaissance to the modern period.
AT 311.  DRAWING II (3)

Continued studio experience in drawing with emphasis on advanced media and personal expression. Introduction to figure drawing. Four hours weekly. Prerequisite: AT 211.

AT 321.  PAINTING I (3)

A beginning painting course. Emphasis on color theory, technique, and historical approaches to painting. Four hours weekly.

AT 322.  PAINTING II (3)

An intermediate painting course continuing previous work in oil or acrylic. Advanced studies in formal painting techniques with an emphasis on creative approaches to personal expression. Four hours weekly. Prerequisite: AT 321.

AT 323.  PAINTING III (3)

An advanced painting course. Offers the student instruction in individual painting interests with emphasis on media and personal expression. Four hours weekly. Prerequisite: AT 322.

AT 324.  PAINTING IV (3)

Provides the advanced student with further experience in painting and requires experimentation, originality, and research. Four hours weekly. Prerequisite: AT 323.

AT 341.  CERAMICS STUDIO I (3)

Provides experience in the basic building methods of the artist potter, including hand-building procedures, as well as experience on the potter’s wheel. Four hours weekly.

AT 342.  CERAMICS STUDIO II (3)

A continuation of AT 341. Advanced techniques of the ceramicist. Four hours weekly. Prerequisite: AT 341.

AT 343.  CERAMICS STUDIO III (3)

An advanced ceramics course. Offers the student instruction in individual ceramic interests with emphasis on advanced techniques and personal expression. Four hours weekly. Prerequisite: AT 342.

AT 344.  CERAMICS STUDIO IV (3)

An advanced ceramics course. Offers the student further instruction in individual ceramic interests with emphasis on advanced techniques and personal expression. Four hours weekly. Prerequisite: AT 343.

AT 497.  INDEPENDENT STUDY IN ART (1-3)

Offers the qualified undergraduate student an opportunity for independent study, with content and nature determined by the individual needs and interests of the student. A maximum of six semester hours credit is allowed in these courses. Prerequisite: permission of the Dean.
ATHLETIC TRAINING (AH)

AH 101. PRACTICUM IN ATHLETIC TRAINING I (1)
Opportunities for observing and gaining practical experience in the prevention, evaluation, treatment, management, and rehabilitation of injuries/illnesses. Sixty hours clinical experience.

AH 102. PRACTICUM IN ATHLETIC TRAINING II (1)
Provides majors opportunities to gain practical experience in the prevention, evaluation, treatment, management, and rehabilitation of injuries/illnesses. Sixty hours clinical experience. Prerequisite AH 101.

AH 200. INTRODUCTION TO ATHLETIC TRAINING (3)
Overview of athletic training profession with emphasis on the basic fundamentals utilized by the athletic trainer in prevention, recognition, care, treatment, and rehabilitation of injuries.

AH 281. ATHLETIC TRAINING CLINICAL EDUCATION I (1)
Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers’ Association Education Council. One hundred twenty five hours clinical experience. Prerequisite: admission to Athletic Training Education Program.

AH 282. ATHLETIC TRAINING CLINICAL EDUCATION II (1)
Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers’ Association Education Council. One hundred twenty five hours clinical experience. Prerequisite: admission to Athletic Training Education Program.

AH 300. GENERAL MEDICAL ASPECTS OF ATHLETIC TRAINING (3)
General medical problems, pharmacology, and psychology in sports medicine. Prerequisite: AH 200, BY 231, PE 251.

AH 320. INJURY/ILLNESS ASSESSMENT (3)
General injury/illness assessment techniques with emphasis placed on the specifics of the assessment process including the history, observation, palpation, and physical examination. Prerequisites: AH 200, BY 231.

AH 321. INJURY/ILLNESS ASSESSMENT LABORATORY (1)
Assigned specific laboratory experiences in injury/illness assessment. Must be taken concurrently with AH 320 and serves as its laboratory. Corequisite: AH 320.

AH 322. EVALUATION OF INJURIES I (3)
Evaluation of specific injuries to the head, cervical spine, trunk, and upper extremities and related anatomy, etiology, signs, and symptoms. Prerequisite: BY 231.

AH 323. EVALUATION OF INJURIES I LABORATORY (1)
Assigned specific laboratory experiences in evaluation of head, cervical spine, trunk, and upper extremity injuries. Must be taken concurrently with AH 322 and serves as its laboratory. Corequisite: AH 322.
AH 324. EVALUATION OF INJURIES II (3)

Evaluation of specific injuries to the lumbar spine and lower extremities and related anatomy, etiology, signs, and symptoms. Prerequisite: AH 322.

AH 325. EVALUATION OF INJURIES II LABORATORY (1)

Assigned specific laboratory experiences in evaluation of lumbar spine and lower extremity injuries. Must be taken concurrently with AH 324 and serves as its laboratory. Corequisite: AH 324.

AH 330. THERAPEUTIC MODALITIES IN ATHLETIC TRAINING (3)

Techniques, indications, and procedures in application of therapeutic modalities including thermotherapy, cryotherapy, light, sound, electricity, compression, traction, and massage. Prerequisite: AH 324 or permission of the instructor.

AH 331. THERAPEUTIC MODALITIES IN ATHLETIC TRAINING LABORATORY (1)

Assigned specific laboratory experiences in therapeutic modality application. Must be taken concurrently with AH 330 and serves as its laboratory. Corequisite: AH 330.

AH 340. REHABILITATION OF INJURIES (3)

Equipment, techniques, and procedures for injury rehabilitation. Strengthening, flexibility, muscular and cardiovascular endurance conditioning, and proprioceptive training. Prerequisite: AH 330, PE 443. Prerequisite or corequisite: PE 444.

AH 341. REHABILITATION OF INJURIES LABORATORY (1)

Assigned specific laboratory experiences in rehabilitation of injuries. Must be taken concurrently with AH 340 and serves as its laboratory. Corequisite: AH 340.

AH 350. ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING (3)

Organizational/administrative procedures and legal aspects of athletic training and sports medicine. Prerequisite: AH 200.

AH 381. ATHLETIC TRAINING CLINICAL EDUCATION III (1)

Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers’ Association Education Council. One hundred twenty five hours clinical experience. Prerequisite: admission to the Athletic Training Education Program.

AH 382. ATHLETIC TRAINING CLINICAL EDUCATION IV (1)

Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers’ Association Education Council. One hundred twenty five hours clinical experience. Prerequisite: admission to the Athletic Training Education Program.

AH 397. INDEPENDENT STUDY IN ATHLETIC TRAINING (1-3)

Offers qualified undergraduate student an opportunity for independent study in athletic training. Specific content and nature of courses are determined by student individual needs and interests. Research papers required. One to three semester hours per semester, may be repeated for a maximum of six semester hours credit. Prerequisite: permission of the Dean.
AH 400.  CLINICAL DECISIONS IN ATHLETIC TRAINING (3)

Provides majors with an opportunity for instruction and discussion in clinical decision making related to prevention, evaluation, treatment, and rehabilitation in patient care. Prerequisite: AH 340.

AH 408.  SEMINAR IN ATHLETIC TRAINING (1)

Provides student with information, practice exams, and counseling pertinent to professional careers in athletic training and sports medicine. Two lecture hours per week. Prerequisite: senior standing or permission of the Athletic Training Education Program Director.

AH 409.  PREPROFESSIONAL CLINICAL EXPERIENCE (1-4)

Provides structured full-time field experience (60 clock hours per credit hour) related to one of the following employment areas in the professional of athletic training under the direct guidance of an NATABOC certified athletic trainer: sports medicine clinic, secondary school, industrial/corporate, collegiate, and professional sports. May be repeated for a maximum of four semester hours of credit. Prerequisites: nine semester hours of athletic training and approval of athletic training program director.

AH 410.  PROTECTIVE TECHNIQUES FOR INJURIES (3)

Taping and wrapping techniques used in athletic training including instruction in fabricating and applying protective equipment, pads, splints, and supports. Hands-on practical experience emphasized in laboratory sessions. Project required.

AH 481.  ATHLETIC TRAINING CLINICAL EDUCATION V (1)

Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers Association Education Council. Two hundred fifty hours clinical experience. Prerequisite: admission to the Athletic Training Education Program.

AH 482.  ATHLETIC TRAINING CLINICAL EDUCATION VI (1)

Designed to evaluate specific clinical proficiencies, introduced the previous semesters, which have been established by the National Athletic Trainers Association Education Council. Two hundred fifty hours clinical experience. Prerequisite: admission to the Athletic Training Education Program.

AH 498.  SELECTED TOPICS IN ATHLETIC TRAINING (1-3)

Critical readings, lectures, discussions, and laboratory experiences in athletic training not generally included in course offerings. Specific content and nature of course determined by student needs and interests. May be repeated for a maximum of six semester hours of credit. Prerequisite: permission of the Dean.

BIOLOGY (BY)

BY 101.  INTRODUCTION TO BIOLOGY I (4)

Introduction to living systems with an emphasis on biological principles related to human biology. Includes an introduction to cell biology, genetics, and ecology. Not intended for majors in scientific discipline. Three lecture and two laboratory hours per week.
**BY 102. INTRODUCTION TO BIOLOGY II (4)**

Provides a survey of living organisms and investigates man’s place in the living world. Includes an overview of ecological and evolutionary principles. Not intended for students majoring in a scientific discipline. Three lecture and two laboratory hours per week. **Prerequisite:** BY 101.

**BY 103. HONORS BIOLOGY (4)**

Designed for students participating in the Honors Program. The following topics are covered, with an emphasis upon contemporary problems in each unit: chemical and structural bases of life, genetics, reproduction and development. Three lecture and two laboratory hours per week. **Prerequisites:** ACT composite score of 22 or higher and an ACT Science Reasoning score of 24 or higher.

**BY 104. PRINCIPLES OF BIOLOGY (4)**

The chemical aspects of living systems; cellular structure, function and replication; metabolism; and genetics. This course provides the preparation needed for advanced study in biology. Designed for majors and minors in biology and other scientific fields. Three lecture and two laboratory hours per week.

**BY 111. BASIC GREENHOUSE PRACTICES (1-3)**

Students work in a greenhouse situation and pursue individualized projects dealing with the identification, care, and propagation of ornamental plants. Special project and readings are required. May not be counted toward the requirements for a major or minor in biology. May be repeated for a maximum of three semester hours credit. **Prerequisite:** permission of the Dean.

**BY 212. GENERAL BOTANY (4)**

Survey of selected monerans, protistans, and plants, with emphasis on processes, structure, selected life histories, ecology, and the importance of each group to humans. Three lecture and two laboratory hours per week. **Prerequisite:** BY 102, BY 103, or BY 104.

**BY 222. GENERAL ZOOLOGY (4)**

Survey of major taxa of the animal kingdom and introduction to animal anatomy, physiology, ecology, and evolution. Three lecture and two laboratory hours per week. **Prerequisite:** BY 102, BY 103, or BY 104.

**BY 231. HUMAN ANATOMY AND PHYSIOLOGY I (4)**

Gross and microscopic anatomy and functions of the integumentary, skeletal, nervous, and muscular systems of the human body. Cannot be used to satisfy requirements for a major or minor in biology. Three lecture and two laboratory hours per week. **Prerequisite:** BY 102, BY 103, or BY 104.

**BY 232. HUMAN ANATOMY AND PHYSIOLOGY II (4)**

Gross and microscopic anatomy and functions of the circulatory, urinary, respiratory, digestive, endocrine, and reproductive systems. Cannot be used to satisfy requirements for a major or minor in biology. Three lecture and two laboratory hours per week. **Prerequisite:** BY 231.
BY 233. APPLIED NUTRITION (3)

Metabolic functions of essential nutrients and their relation to the growth and maintenance of the body. Nutritional requirements of different age levels and dietary assessment. Clinical application of diet therapy is emphasized. Cannot be used to satisfy requirements for a major or minor in biology. Three lecture hours per week. Prerequisite: BY 232.

BY 234. MEDICAL TERMINOLOGY (3)

Medical vocabulary, spelling, pronunciation, and word-building using prefixes, root words, and suffixes. Designed primarily for students in allied health and pre-professional areas of medicine. Three lecture per week. Prerequisites: BY 231 and BY 232.

BY 240. APPLIED MICROBIOLOGY (4)

Biology of microorganisms with emphasis on their relation to other organisms and to the health of humans. Cannot be used to satisfy requirements for a major or minor in biology. Two lecture and two laboratory hours per week. Prerequisite: BY 232.

BY 242. GENERAL MICROBIOLOGY (4)

Introduction to concepts and techniques relating to the morphology, taxonomy, physiology, and cultural methods of microbes. Prerequisite: BY 104. Corequisite: CH 111.

BY 289. LABORATORY PRACTICUM (1)

Provides an introduction to the planning, preparation, teaching and evaluation of laboratory and/or field activities. Emphasis on use of laboratory equipment, safety regulations, hazardous waste disposal and teaching resources. Two contact hours per week. Prerequisites: twelve hours of biology and permission of the instructor and the Dean.

BY 307. INDEPENDENT STUDY IN BIOLOGY (1-8)

Independent study in the biological sciences. Content and nature of the courses are determined by the individual needs and interests of the student. One or more research projects and papers are required. One to four semester hours per semester, may be repeated for a maximum of eight semester hours credit. Prerequisite: permission of the instructor and the Dean.

BY 308. SEMINAR IN BIOLOGY (1)

Use of the library and methods of literature search including computer access of literature databases. May be repeated for a maximum of three semester hours credit. Prerequisite: BY 212 or 222.

BY 309. BIOLOGICAL SCIENCE INTERNSHIP (1-4)

Open only to majors in biology. The student, working with an assigned biology faculty member, applies for an internship at an approved site. The internship must be approved by the Dean. The student provides a written report at the end of the internship to the assigned biology faculty member. This report, with an evaluation by the intern director at the site, is the basis on which a letter grade is assigned. This course may be repeated for a maximum of four semester hours credit. Prerequisite: twelve semester hours of biology.
BY 314.  DENDROLOGY (4)
Woody plants in natural environments, with emphasis on identification, taxonomy, and economic importance of trees and shrubs of the Southeastern U.S. Prerequisite: BY 212.

BY 320.  INVERTEBRATE ZOOLOGY (4)
Survey of invertebrate phyla, emphasizing morphology, physiology, and phylogenetic relationships. Three lecture and three laboratory hours per week. Prerequisite: BY 222.

BY 330.  HEMATOLOGY (4)
Human blood cells, blood forming organs, and abnormalities involving these cells and/or organs. Cell morphology, methods of cell enumeration, and basic hematology testing are emphasized. Three lecture and three laboratory hours per week. Prerequisite: BY 222.

BY 331.  IMMUNOLOGY (4)
Host defense against infectious agents, emphasis on mechanisms of humoral immunity (antigens/antibodies), cellular immunity, and hypersensitivities. Three lecture and three laboratory hours per week. Prerequisite: BY 222.

BY 367.  INDEPENDENT STUDY IN MARINE BIOLOGY (1-8)
Independent study in marine biology and/or a related area of the marine sciences. Content and nature of the courses are determined by the individual needs and interests of the student. One or more research projects and papers are required. One to four semester hours per semester, may be repeated for a maximum of eight semester hours credit. Prerequisite: permission of the instructor and the Dean. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 380.  GENETICS (4)
Basic principles of heredity and their significance. Three lecture and three laboratory hours per week. Prerequisites: BY 212, BY 222, and CH 111.

BY 389.  ADVANCED LABORATORY PRACTICUM IN BIOLOGY (1)
This course will provide advanced training in the planning, preparation, teaching and evaluation of laboratory and/or field activities in a specific area of biology. Emphasis is on techniques specific to a particular discipline within the field. Five contact hours per week. This course may be repeated for a maximum of three semester hours credit. Prerequisite: twenty semester hours in biology and permission of instructor and Dean.

BY 390.  EVOLUTION AND SYSTEMATICS (3)
An introduction to the general principles of evolutionary biology and biological systematics. Prerequisite: BY 212, BY 222, and BY 242. Corequisite: BY 380.

BY 392.  HISTORY OF LIFE ON EARTH (4)
A survey of life and geological settings through time, including methods, principles of evolution and stratigraphy, practical experience with collecting and analyzing fossils, and cultural implications. Three lecture and three laboratory hours per week. Prerequisite: eight hours of biology and GE 102, or permission of instructor.
BY 393.  PALEONTOLOGY (4)

Taxonomic principles; identification, characteristics, and evolution of the geologically important fossil groups; principles of biostratigraphy; and the cataloguing of fossils collected in the field. Includes several local and one day field trips. Three lecture and three laboratory hours per week. Prerequisites: twelve hours of biology and permission of Dean. Recommended GE 102 or ES 100 as prerequisites or corequisites.

BY 400.  SENIOR SEMINAR (1)

A capstone course in which students of biological students consolidate their academic experience and develop skills necessary to enter the work force or to further their education in graduate programs of biological or environmental sciences. This course will also be used to evaluate the efficacy to which departmental objectives are being accomplished. To be taken the last semester of the degree program unless earlier permission is granted by the Chairperson.

BY 404.  TECHNIQUES OF RESEARCH AND DATA ANALYSIS (3)

A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. Prerequisites: MH 114 and 20 hours in biology and/or environmental sciences or permission of the Dean. Computer proficiency in Microsoft Excel and Word is critical.

BY 407.  PROFESSIONAL SEMINAR (1)

Provides students with information, practice exams and counseling pertinent to prerequisite academic training for professional careers in science, mathematics, and medicine. Two lecture hours per week. Pass or fail credit. Prerequisites: sophomore standing and permission of the Dean and the instructor.

BY 408.  SELECTED TOPICS IN BIOLOGY (1-4)

Requirements and interests of students determine the topics offered, such as aquatic biology, biological illustrations, helminthology, histology, protozoology, or others. Prerequisites: twelve semester hours of biology and permission of the instructor and the Dean.

BY 410.  PLANT TAXONOMY AND FIELD TECHNIQUES (4)

Methods for the collection and identification of vascular plants in natural environments, including plant identification, taxonomy, systematics, collection, preservation, and ecological interactions. Includes one weekend field trip. Three lecture and three laboratory hours per week. Prerequisite: BY 212.

BY 413.  PLANT SYSTEMATICS (4)

Evolution, morphology, anatomy, reproduction, and classification of land plants (bryophytes, ferns, fern allies, gymnosperms, flowering plants and fossil lineages). Prerequisite: BY 212.

BY 414.  MARINE BOTANY (4)

Structure, reproduction, identification, distribution, and ecology of marine and estuarine algae, vascular, and nonvascular plants. Twenty-four hours of lecture/field work/laboratory work per week. Prerequisite: BY 212. (Offered only at the Marine Laboratory, Dauphin Island.)
BY 420. FIELD ZOOLOGY (4)

A detailed study of the fauna of western Alabama, including collection, identification, taxonomy, systematics, preservation, and ecological interactions. Three lecture and three laboratory hours per week. Prerequisite: BY 222.

BY 421. PARASITOLOGY (4)

Taxonomy, morphology, and host parasite relationships of the major parasites of humans and other selected animals. Three lecture and three laboratory hours per week. Prerequisite: BY 222, BY 320 highly recommended.

BY 422. COMPARATIVE VERTEBRATE ANATOMY (4)

Comparative study of the anatomy of representative vertebrates, with emphasis given to their evolution and adaptive aspects. Three lecture and three laboratory hours per week. Prerequisite: BY 222.

BY 423. COMPARATIVE VERTEBRATE EMBRYOLOGY (4)

Gametogenesis and development of select vertebrates, including humans. Three lecture and three laboratory hours per week. Prerequisite: BY 222, BY 422 highly recommended.

BY 424. MARINE INVERTEBRATE ZOOLOGY (4)

Systematics, ecology, physiology, and phylogenetic relationship of locally occurring marine invertebrate taxa. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisite: BY 222. BY 320 highly recommended. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 425. MARINE VERTEBRATE ZOOLOGY (4)

Systematics, behavior, physiology, and ecology of marine vertebrates with emphasis on species of the Northern Gulf of Mexico. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisite: BY 222. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 426. COASTAL ORNITHOLOGY (4)

Distribution, population dynamics, food habits, habitat analysis, and field identification of coastal and pelagic birds in Alabama. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisite: BY 222. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 427. MARINE BEHAVIORAL ECOLOGY (4)

Examines how animal behavior is influenced by and interacts with the environment, and the ecological and evolutionary significance of these behaviors in a marine setting. Prerequisites: BY 222 and MH 246. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 428. VERTEBRATE ZOOLOGY (4)

Survey of vertebrate classes emphasizing their evolution, systematics, anatomy, physiology and ecology. Prerequisites: twelve semester hours of biology, including BY 222.
BY 429. **ENTOMOLOGY (4)**

Survey of the insects, emphasizing their evolution, systematics, anatomy, physiology, and ecology. Three hours lecture and three hours laboratory per week. Prerequisite: BY 222 and sixteen additional hours of biology.

BY 431. **HISTOLOGY (4)**

A study of the microscopic anatomy of tissue of vertebrates, particularly mammals. Three lecture and three laboratory hours per week. Prerequisite: BY 222, BY 231, BY 232 and an additional four hours of biology at 200 level or higher.

BY 441. **ENVIRONMENTAL TOXICOLOGY (3)**

Overview of concepts and terminology combining several diverse disciplines to investigate how society creates, regulates, and perceives the effects of toxic substances in the environment. Health issues and approaches to control the major environmental health problems associated with various occupations in industrialized and developing countries will also be examined. Prerequisite: 16 hours in biology or environmental sciences or permission of the Dean.

BY 450. **ECOLOGY (4)**

Relationship between individual organisms and their environment; the structure and function of populations, communities, and ecosystems; and computer usage in data analysis and report writing. Three lecture and three laboratory hours per week. Prerequisite: twelve semester hours of biology and MH 246.

BY 451. **MARINE ECOLOGY (4)**

Bioenergetics, community structure, population dynamics, predation, competition, and speciation in marine ecosystems. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisites: BY 212 and 222, CH 112, and PH 201. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 452. **MARSH ECOLOGY (4)**

Floral and faunal elements and interaction of physical and biological factors of various marine marsh communities. Trips to regional examples of marsh types. Review and discussion of current literature. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisite: BY 450 or BY 451. (Offered only at the Marine Laboratory, Dauphin Island.)

BY 453. **APPALACHIAN ECOLOGY (4)**

A study of the biodiversity and geology of the Appalachian Mountains with particular focus on unique biological communities and the impact of natural and anthropogenic events on the landscape and ecology. Prerequisite: 16 hours in biology or environmental sciences or permission of the Dean.

BY 454. **CONSERVATION BIOLOGY (3)**

This course provides an introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Three lecture hours per week.

BY 455. **ECOLOGICAL MANAGEMENT (3)**

Introduction to and discussion of basic natural resources management techniques and factors that affect successful management. Management techniques for several
habitat types will be studied. Three lecture hours per week. Prerequisite: 20 hours in biology or environmental sciences or permission of the Dean.

**BY 456. ECOLOGICAL RESTORATION (3)**

Exploration of basic principles of ecological restoration including physical, chemical, and biological manipulations required for restoration success. Additionally, this course will provide a detailed examination of practical aspects of restoration in selected ecosystems. Three lecture hours per week. Prerequisite: 20 hours in biology or environmental sciences or permission of the Dean.

**BY 458. SUBTROPICAL ECOLOGY (4)**

This course will provide an introduction to habitats and ecosystems of subtropical Florida. Students will gain insight into the natural and cultural history of some of the most unique and diverse habitats in North America. The course will include weekly meetings to discuss subtropical habitats, followed by a 7 day field trip. Upon return, students will develop a research paper and a presentation on a topic related to these habitats. Prerequisite: Permission of instructor.

**BY 460. OCEANOGRAPHY (4)**

General introduction to the ocean with emphasis on geological, chemical, and physical processes and how they relate to biological systems. Twenty-four hours of lecture/field work/laboratory per week for five weeks. Prerequisites: BY 212 and 222, CH 112, and PH 201. (Offered only at the Marine Laboratory, Dauphin Island.)

**BY 461. AQUATIC BIOLOGY (4)**

Limnological principles, field techniques, and qualitative and quantitative study of aquatic ecosystems, especially freshwater systems in West Central Alabama. Research project and paper are required. Three hours of lecture and three hours of laboratory per week. May be repeated for a maximum of eight hours. Prerequisites: BY 212 and BY 222, CH 111.

**BY 463. MARINE TECHNICAL METHODS (2)**

The hardware of marine science, sampling procedures, processing, station location, and field maintenance operation. Ten hours of lecture/field work/laboratory per week for five weeks. Prerequisites: BY 212 and 222. (Offered only at the Marine Laboratory, Dauphin Island.)

**BY 468. SELECTED TOPICS IN MARINE BIOLOGY (1-4)**

Requirements and interests of students determine the topics offered, such as marine fisheries science, or others. Prerequisites: twelve semester hours of biology and permission of the instructor and the Dean. (Offered only at the Marine Laboratory, Dauphin Island.)

**BY 471. BIOCHEMISTRY I (4)**

Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and he mechanism of enzyme action. An introduction to quantitative and analytical/organic techniques of biochemistry. Three lecture and three laboratory hours per week. Pre or Corequisite: CH 242.

**BY 472. CELL BIOLOGY (4)**

Cells and subcellular structures and such cellular processes as energy transformation, transport of materials, and growth. Three lecture and three laboratory hours per week. Prerequisites: BY 212 and 222, and CH 241.
BY 474. HUMAN PHYSIOLOGY (4)

This course is an in depth study of human medical physiology. Lab work will examine the underlying chemistry, physics, and biochemistry principles of body function. Three hours of lecture and three hours of laboratory per week. Prerequisites: BY 222 and sixteen hours of biology at 200 level or higher.

BY 490. EVOLUTIONARY THEORY (3)

Advanced study of the modern synthesis of the theory of evolution by natural selection and Mendelian genetics. Prerequisite: BY 390.

BY 491. BIOGEOGRAPHY (3)

Distribution patterns of organisms and the historical and ecological factors contributing to those patterns. Three lecture hours per week. Prerequisite: twenty hours in biology.

BUSINESS ADMINISTRATION (BA)

BA 100. STUDENTS IN FREE ENTERPRISE PRACTICUM (1)

Active participation in multidisciplinary leadership experience with Students in Free Enterprise (SIFE). Emphasizes ethical business practices, use of technology, and fair treatment of all members of society. May be repeated for a maximum of four credit hours. Prerequisite: permission of instructor.

BA 263. BUSINESS LAW AND LEGAL ENVIRONMENT (3)

Legal environment of business with respect to ethical, social and political influences. Legal principles applicable to business transactions. Contracts, torts, agency, employment law, and business organization.

BA 271. INTRODUCTION TO BUSINESS STATISTICS (3)

Introduction to basic concepts of statistics including descriptive statistics, elements of probability theory, sampling, and hypothesis testing. Prerequisite: MH 113.

BA 320. BUSINESS COMMUNICATIONS (3)

Develops skill in written and verbal expression for more effective communication in business, including the job search. Prerequisites: EH 102 or EH 103, EH 211, EH 212, MG 300, MK 300, FI 300 and junior standing.

BA 330. BUSINESS ETHICS (3)

Social responsibility of business, including business ethics and business relationships with government, education, labor and the community. Prerequisites: MG 300, MK 300, FI 300 and junior standing.

BA 363. ADVANCED BUSINESS LAW (3)

Administrative law, intellectual property, securities law, property, investment, estates, and trusts, negotiable instruments, bankruptcy, secured interest, banking and lease contracts. Prerequisite: BA 263.
BA 371. ADVANCED BUSINESS STATISTICS (3)

Study of systems and estimation, hypothesis testing, analysis of variance, chi-square tests, correlation and linear regression. Includes the use of computer software packages and data analysis. Prerequisite: “C” or higher in BA 271.

BA 407. INDEPENDENT STUDY IN BUSINESS (1-3)

Independent study in business. Content and nature determined by individual needs and interests of the students. Required research paper and projects. Maximum of three hours credit. Prerequisite: permission of the Dean.

BA 408. SELECTED TOPICS IN BUSINESS (1-3)

Critical readings, lectures and discussions of selected topics not generally included in course offerings. Content determined by student interest and need. May be repeated for a maximum of three semester hours credit. Prerequisite: permission of the Dean.

BA 450. INTERNATIONAL BUSINESS SEMINAR (3)

An overview of the major forms of international business. A study of the impact of the world economy, international trade, and political and social environments on international management problems of business organizations. Prerequisites: MG 300, MK 300, FI 300 and junior standing.

BA 460. BUSINESS ADMINISTRATION INTERNSHIP (3)

A work related experience in a private, public, or governmental organization enhancing the applications of business administration theories and concepts. Prerequisite: senior standing. Students may not register for this course until the application has been completed and approved by the Dean's Office.

CHEMISTRY (CH)

CH 101. INTRODUCTORY GENERAL CHEMISTRY (4)

Basic principles of chemistry. Recommended for students with no previous background in chemistry. No credit is allowed for this course if a student has previous credit in chemistry. Three lecture and two laboratory hours per week.

CH 102. INTRODUCTORY ORGANIC CHEMISTRY (4)

A brief survey of organic functional groups, reactions, mechanisms, stereochemistry, and spectroscopy. Credit may not be applied toward a science major. Three lecture and two laboratory hours per week.

CH 105. PROBLEM SOLVING IN CHEMISTRY (1)

Focuses on methods to improve problem-solving skills. Designed to be taken concurrently with general or analytical chemistry by students who wish to improve their performance in applying mathematical concepts to solving chemical problems. Basic algebra and the properties of logarithms reviewed. Two hours per week. Prerequisite: none.
CH 111. GENERAL CHEMISTRY I (4)

Examines chemical principles involving structure, properties, reactions, and organic chemistry, with laboratory experiments to demonstrate these principles. Every semester. Three lecture and three laboratory hours per week. Prerequisite: MH 113. Students with an ACT math subscore of 23 or higher may take CH 111 concurrently with MH 113.

CH 112. GENERAL CHEMISTRY II (4)

A continuation of CH 111. Examines chemical concepts in inorganic, analytical, and physical chemistry. Laboratory experiments emphasize qualitative analysis. Three lecture and three laboratory hours per week. Prerequisite: CH 111.

CH 241. ORGANIC CHEMISTRY I (4)

General principles and theories of organic chemistry including bonding, molecular structure, nomenclature, stereochemistry, mechanisms, functional groups, and reactions of alkanes, alkenes, alkynes, and aromatic molecules. Three lecture and three laboratory hours each week. Prerequisite: CH 112.

CH 242. ORGANIC CHEMISTRY II (4)

Spectroscopy, nomenclature, and reaction mechanisms of carbonyl and polyfunctional organic compounds with applications in other disciplines. Organic synthesis and reactions of complex natural products and polymers. Three lecture and three laboratory hours per week. Prerequisite: CH 241.

CH 289. LABORATORY PRACTICUM (1)

Provides an introduction to planning, preparation, teaching and evaluation of laboratory activities. Emphasis on use of laboratory equipment, safety regulations, hazardous waste disposal, setup of experiments and teaching resources. Two contact hours per week. Prerequisites: CH 112 and permission of the instructor and the Dean.

CH 307. INDEPENDENT STUDY IN CHEMISTRY (1 - 4)

Independent study in chemistry. Individual needs and interests of the student determine content and nature of the courses. One or more research projects are required. One to three semester hours per semester may be repeated for a maximum of eight semester hours credit. Prerequisites: permission of the instructor and the Dean.

CH 308. SEMINAR IN CHEMISTRY (1)

Use of the library and methods of literature search including computer access of literature databases. May be repeated for a maximum of three semester credit hours. Prerequisite: CH 242.

CH 321. QUANTITATIVE ANALYSIS (4)

Examines the theory and practice of volumetric, electrochemical, and spectrophotometric analysis applied to the study of stoichiometry and equilibrium. Three lecture and four laboratory hours per week. Prerequisite: CH 112.

CH 341. ORGANIC REACTIONS AND MECHANISM (3)

Studies advanced concepts of organic structure, reactions, synthesis, mechanisms and stereochemistry as applied to problem solving. Literature search, group presentation and interpretation of newly discovered synthetic methodology and natural products. Three lecture hours per week. Prerequisite: CH 242.
CH 351. PHYSICAL CHEMISTRY I (4)

Examines equilibrium thermodynamics and kinetics with applications to physical and chemical properties of matter. Three lecture and three laboratory hours per week. Prerequisites: CH 242 and PH 212. Prerequisite or corequisite: CH 321 or permission of instructor and Dean.

CH 352. PHYSICAL CHEMISTRY II (4)

Examines quantum mechanics and statistical thermodynamics. Three lecture and three laboratory hours per week. Prerequisites: CH 242 and PH 212, or permission of the instructor and the Dean.

CH 360. ENVIRONMENTAL CHEMISTRY (3)

A study of current and past environmental problems or disasters with an emphasis on chemical reactions, toxicology, fate and transport of chemicals in the environment. Three lecture hours per week. Prerequisite: twelve hours of chemistry or permission of Dean.

CH 408. SELECTED TOPICS IN CHEMISTRY (1-4)

Nature and content of the course are determined by the interests and needs of the students. Prerequisites: twelve semester hours of chemistry and permission of the instructor and the Dean.

CH 422. INSTRUMENTAL ANALYSIS (4)

Examines the theory and use of infrared and ultraviolet spectroscopy, nuclear magnetic resonance, atomic absorption, gas chromatography, thermal analysis, electrochemical analysis, and other instrumental methods of characterizing chemical structure. Three lecture and three laboratory hours per week. Corequisite: CH 451 or permission of the instructor and the Dean. Prerequisite: CH 321.

CH 423. ADVANCED ANALYTICAL CHEMISTRY (3)

In depth study of current research topics in analytical chemistry focusing on chromatography, mass spectrometry, electrochemistry, and IR/Raman spectroscopy. Three lecture hours per week and three laboratory hours per week. Corequisite: CH 451 or permission of the instructor and the Dean.

CH 431. INORGANIC CHEMISTRY I (3)

Examines advanced concepts in theoretical and descriptive inorganic chemistry with emphasis on valence bond, molecular orbital, and crystal field theories. Three lecture hours per week. Prerequisite or Corequisite: CH 351.

CH 432. INORGANIC CHEMISTRY II (3)

This course will cover the synthesis and characterization of inorganic materials. Extensive laboratory work is required. Three lecture hours and three laboratory hours per week. Prerequisite or Corequisite: CH 351.

CH 441. ADVANCED ORGANIC CHEMISTRY (3)

Advanced study of reaction mechanisms, kinetics, spectroscopy, and topical organic chemistry including thermochemistry and photochemistry with an emphasis on molecular orbital theory. Three lecture hours per week. Prerequisite or Corequisite: CH 351.
CH 455.  ADVANCED PHYSICAL CHEMISTRY (3)

A detailed study of modern computational chemistry. The course will emphasize semi-empirical and abinitio methods as well as the use of modern software packages. Three lecture hours per week. Prerequisite: CH 452 or permission of the instructor and the Dean.

CH 471.  BIOCHEMISTRY I (4)

Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and the mechanism of enzyme action. An introduction of quantitative and analytical/organic techniques of biochemistry. Three lecture hours and three laboratory hours per week. Prerequisite or Corequisite: CH 242.

CH 472. BIOCHEMISTRY II (3)

Study of metabolism including glycolysis, citric acid cycle, phosphorylation, photosynthesis and biosynthesis. Expression and transmission of genetic information. Three lecture hours per week. Prerequisite: CH 471 or BY 471.

CH 491.  UNDERGRADUATE RESEARCH (1-3)

Student participation in a research project under the supervision of a chemistry faculty member. The course will result in the preparation and presentation of a comprehensive report. May be repeated for a maximum of twelve semester hours credit. Prerequisite: permission of the instructor and the Dean.

COMPUTER INFORMATION SYSTEMS (CS)

CS 205.  MICROCOMPUTER APPLICATIONS (3)

Introductory computer concepts and microcomputer usage covering productivity software packages such as word processing, electronic spreadsheets, presentation software, and database management systems.

CS 210. INTRODUCTION TO CIS (3)

An introduction to computer and information technology that includes an overview of the history of computing, fundamental computer concepts, current state of the art, and future directions in research.

CS 300.  PROGRAMMING I (3)

The introductory computer programming course for CIS majors. Current programming concepts and program development principles and practices. The basic constructs of the programming languages are covered. Hands-on programming using microcomputers. Prerequisite: “C” or higher in CS 210 and “C” or higher in MH 113.

CS 301.  PROGRAMMING II (3)

The second course in a series of programming courses for CIS majors. Includes more advanced concepts and object-oriented programming development principles. Introduces advanced constructs and addresses advanced data structures such as records, sequential files, pointers, and multi-dimensional arrays. Hands-on programming using microcomputers. Prerequisite: “C” or higher in CS 300.
CS 305. COMPUTERIZED DATA ANALYSIS (3)

Fundamentals of spreadsheets and proper usage of their commands, macros, and functions. Building spreadsheets, creating graphs and formulas for financial analysis by using Microsoft Excel. Prerequisite: CS 205.

CS 310. ETHICS IN CIS (3)

An introduction to theories of ethics as related to the use of computer and information technology and the associated social and ethical implications. Includes intellectual property, copyright, computer crime, ownership of personal data, freedom of speech, the right to privacy, and codes of ethical and professional conduct for IT practitioners. Prerequisites: “C” or higher in CS 300 and junior/senior standing or permission of the Dean.

CS 315. IS PROJECT MANAGEMENT (3)

A study of foundations of project management and project management techniques currently employed for business and information systems projects, including project integration, scope, time, cost, quality, human resources, communications, risk, and procurement. Prerequisite: “C” or higher in CS 300 and “C” or higher in MG 300.

CS 320. VISUAL BASIC (3)

Object-oriented programming using the Windows environment. Includes language basics, database interfacing and arrays. Hands-on programming using microcomputers. Prerequisite: “C” or higher in CS 210.

CS 330. UBIQUITOUS COMMERCE

Study of technical and business topics related to conducting business electronically. Includes models of e-business, digital currency and funds transfer, legal and regulatory considerations, security and privacy issues, and economic analysis or e- and m-commerce alternatives. Prerequisite: “C” or higher in CS 380.

CS 340. OPERATING SYSTEMS (3)

Operating system theory and concepts including supervisory functions, management of files, processes, and memory. Includes some hands-on use of current operating systems such as UNIX, MS-DOS, and Windows. Network operating systems introduced through a local area network. Prerequisite: “C” or higher in CS 300.

CS 350. INTERNET APPLICATIONS I (3)

Fundamentals of creating and designing effective web pages, using XHTML, graphics, CSS, audio, and video files. Java Script is used to enhance website appeal and functionality. Prerequisites: “C” or higher in CS 300 and “C” or higher in CS 380.

CS 351. INTERNET APPLICATIONS II (3)

A continuation of Internet Applications I. XML and ASP are used to develop web sites for e- and m-commerce. Includes programming languages used in developing interactive websites and basic experience in the full development cycle, including website conception, client/server side programming, and web maintenance. Individual programming intensive web projects are required. Prerequisite: “C” or higher in CS 350.
CS 370. DATA STRUCTURES (3)

Advanced data structures including linked lists, trees, graphs, and networks and the algorithms used to manage these structures. Hands-on application in program development using these algorithms. Prerequisite: “C” or higher in CS 301.

CS 380. NETWORK COMMUNICATION (3)

An introduction to the fundamentals of data communications and computer networks. Provides the student with a conceptual foundation for the study of data communications using the Open Systems Interconnection (OSI) layered architecture model. Both technical and managerial aspects of data communications and networks are covered. Prerequisite: “C” or higher in CS 210 or “C” or higher in CS 205 for non-CIS majors.

CS 381. NETWORK ADMINISTRATION I (3)

Introduces Client/Server networking features associated with network operating systems related to the needs of business, industry, and government agencies. Prerequisite: “C” or higher in CS 380.

CS 382. NETWORK ADMINISTRATION II (3)

Introduces the installation, networking, and security concepts of servers as related to the needs of business, industry, and government agencies. Prerequisite: “C” or higher in CS 381.

CS 383. NETWORK INFRASTRUCTURE (3)

Study of the network requirements that drive infrastructure design decisions, options, strategies, practices, and scalability needed in order to design a functional network. Prerequisite: “C” or higher in CS 382.

CS 390. INFORMATION SECURITY (3)

Introduces concepts of information security including organizational policy on confidentiality, authentication, integrity, nonrepudiation, access control, and availability and mechanisms to implement those services. Covers different types of security including physical security, computer security, and network security; common threats to and attacks against information systems, including accidental damage, identity thefts, malicious software, and “spam” and defensive measures. Prerequisites: “C” or higher in CS 380 and junior/senior standing.

CS 407. INDEPENDENT STUDY IN CIS (1-3)

Independent study in computer information systems. Content and nature determined by individual needs and interests of students. Class meetings and/or computer programs required. Maximum of six hours credit. Prerequisite: senior standing and permission of the Dean.

CS 408. SELECTED TOPICS IN COMPUTER INFORMATION SYSTEMS (1-3)

Readings, lectures, and discussions on subject matter so current that it is not generally included in other course offerings. Use of the Internet is part of this course. Offered on an irregular basis, based on student need and interest. Prerequisite: senior standing.
CS 460.  COMPUTER INFORMATION SYSTEMS INTERNSHIP (3)

A work related experience in a private, public, or governmental organization enhancing the applications of computer information systems theories and concepts. Prerequisite: senior standing. Students may not register for this course until the application has been completed and approved by the Dean’s Office.

CS 470.  SYSTEMS ANALYSIS (3)

Introduces structured and alternative analytical and design processes for use in the development and implementation of business information systems. Includes systems life cycle and rapid application development and explores the role of CASE tools in systems design and development. Prerequisites: “C” or higher in CS 300 and “C” or higher in CS 315.

CS 472.  DATABASE MANAGEMENT (3)

The course addresses database organization, design, implementation, and management. Topics include types of databases, data normalization, administration, and n-tier applications for DBMS access and management. Prerequisites: “C” or higher in CS 300 and “C” or higher in CS 315.

CS 480.  SYSTEMS PROJECT (3)

CIS students employ a wide variety of productivity tools (word processing, spreadsheets, graphics, database management systems, and presentation systems) in designing and implementing a business information systems. The system shall be fully tested and professionally documented including a formal project report presentation. Prerequisite: “C” or higher in CS 470 and “C” or higher in CS 472.

COOPERATIVE EDUCATION (CEP)

CEP 101.  PARALLEL COOPERATIVE EDUCATION I (NO CREDIT)

1st Training Period
Prerequisites: 24 hours of academic credit, a cumulative GPA of at least 2.5, declare a major, complete Employability Seminar, acceptance into the Cooperative Education program, and payment of materials fee.

CEP 102.  PARALLEL COOPERATIVE EDUCATION II (NO CREDIT)

2nd Training Period
Prerequisite: CEP 101

CEP 111.  ALTERNATING COOPERATIVE EDUCATION I (NO CREDIT)

1st Training Period
Prerequisites: 24 hours of academic credit, a cumulative GPA of at least 2.5, declare a major, complete Employability Seminar, acceptance into the program, and payment of materials fee.

CEP 112.  ALTERNATING COOPERATIVE EDUCATION II (NO CREDIT)

2nd Training Period
Prerequisite: CEP 111

CEP 201.  PARALLEL COOPERATIVE EDUCATION III (NO CREDIT)

3rd Training Period
Prerequisite: CEP 102
CEP 202. PARALLEL COOPERATIVE EDUCATION IV (NO CREDIT)

4th Training Period
Prerequisite: CEP 201

CEP 211. ALTERNATING COOPERATIVE EDUCATION III (NO CREDIT)

3rd Training Period
Prerequisite: CEP 112

CEP 212. ALTERNATING COOPERATIVE EDUCATION IV (NO CREDIT)

4th Training Period
Prerequisite: CEP 211

CEP 301. PARALLEL COOPERATIVE EDUCATION V (NO CREDIT)

5th Training Period
Prerequisite: CEP 202

CEP 302. PARALLEL COOPERATIVE EDUCATION VI (NO CREDIT)

6th Training Period
Prerequisite: CEP 301

CEP 311. ALTERNATING COOPERATIVE EDUCATION V (NO CREDIT)

5th Training Period
Prerequisite: CEP 212

CEP 312. ALTERNATING COOPERATIVE EDUCATION VI (NO CREDIT)

6th Training Period
Prerequisite: CEP 311

CEP 401. PARALLEL COOPERATIVE EDUCATION VII (NO CREDIT)

7th Training Period
Prerequisite: CEP 302

CEP 402. PARALLEL COOPERATIVE EDUCATION VIII (NO CREDIT)

8th Training Period
Prerequisite: CEP 401

CEP 411. ALTERNATING COOPERATIVE EDUCATION VII (NO CREDIT)

7th Training Period
Prerequisite: CEP 312

CEP 412. ALTERNATING COOPERATIVE EDUCATION VIII (NO CREDIT)

8th Training Period
Prerequisite: CEP 411
CRIMINAL JUSTICE (CJ)

CJ 200. INTRODUCTION TO CRIMINAL JUSTICE (3)

An overview of the history, development, and philosophies of crime control in a democratic society. Particular emphasis is placed on the analysis of agencies and processes involved in the administration of criminal justice.

CJ 221. LAW ENFORCEMENT (3)

An examination of the function of local, state, and federal law enforcement agencies and the actual function of the officers of such agencies.

CJ 260. CORRECTIONS (3)

An examination of the function of the local state and federal systems of correction and the actual functions of corrections officers.

CJ 499. CRIMINAL JUSTICE PRACTICUM (3)

Students will spend a minimum of 80 hours working under a qualified professional law enforcement (or related) facility. A faculty member provides coordination and supervision of the practicum experience. A written evaluation by the supervisor at the facility, the student’s own report of the experience, and the faculty coordinator’s evaluation, together with any other requirements set by the coordinator provide the basis on which a grade is assigned. This course may be repeated for a maximum of six semester hours. Prerequisites: SY 381, SY 382, and at least 45 semester hours credit.

EARLY CHILDHOOD EDUCATION (CE)

CE 310. INTRODUCTION TO CHILDHOOD EDUCATION (3)

Childhood Education as a career with analysis and evaluation of model programs, effective classroom practices, and historical basis. Fingerprinting is a course requirement. Prerequisite: junior standing.

CE 316. FAMILY LIFE AND PARENT EDUCATION (3)

Sociological and psychological impact of family and society on development of children from infancy through childhood. Prerequisite: junior standing.

CE 497. INDEPENDENT STUDY IN EARLY CHILDHOOD EDUCATION (1-3)

Offers the qualified undergraduate student an opportunity for independent study in early childhood education. Specific content and nature of courses are determined by student needs and interests. Research papers required. One to three hours per semester, may be repeated for a maximum of six semester hours credit. Prerequisite: permission of Dean.

CE 498. SELECTED TOPICS IN EARLY CHILDHOOD EDUCATION (1-3)

Critical readings, lectures, discussions, and laboratory experiences in early childhood education not generally included in course offerings. Specific content and nature of course determined by student needs and interests. May be repeated for a maximum of six semester hours credit. Prerequisite: permission of Dean.
**EARTH SCIENCE (ES)**

**ES 100. SURVEY OF EARTH SCIENCE (4)**

Survey of geology, weather and climate, and astronomy, with limited coverage of pedology and oceanography. Three lecture and two laboratory hours per week.

**ES 307. INDEPENDENT STUDY IN EARTH SCIENCE (1-6)**

Independent study in the earth sciences. Content and nature of the course determined by individual needs and interests of the student. One or more research projects and papers are required. One to three semester hours per term, may be repeated for a maximum of six semester hours. *Prerequisites: permission of the instructor and the Dean.*

**ES 408. SELECTED TOPICS IN EARTH SCIENCE (1-4)**

Requirements and interests of students determine the topics to be covered from within the fields of weather and climate, astronomy, oceanography, limnology, and pedology. *Prerequisites: twelve semester hours of Earth Science/Geology and permission of the instructor and the Dean.*

**ES 468. SELECTED TOPICS IN OCEAN SCIENCE (1-4)**

Requirements and interests of students determine the topics to be covered from within the fields of coastal weather and climate, oceanography, or others. *Prerequisites: twelve semester hours of Earth Science/Geology and permission of the instructor and the Dean.* (Offered only at the Marine Laboratory, Dauphin Island.)

**ECONOMICS (EC)**

**EC 231. MACROECONOMICS (3)**

Basic principles of macroeconomic analysis, including national income, monetary policy, fiscal policy, and economic growth.

**EC 232. MICROECONOMICS (3)**

Basic principles of microeconomic analysis, including supply, demand, elasticity, production, cost, market structures, and economic problems.

**EC 320. EVOLUTION OF ECONOMIC THOUGHT (3)**

Survey of economic theory from ancient times to the present, biographical sketches of the major theorists and background material on the economic thought of each age. *Prerequisites: EC 231 and 232.*

**EC 331. ECONOMIC GROWTH THEORY (3)**

Study of the forces determining the level of income, employment, and growth in the economic system. Uses and coordination of monetary and fiscal policy. *Prerequisites: EC 231 and 232.*

**EC 332. PRICE THEORY (3)**

Advanced examination of the theory of price, distribution, and value under pure competition, monopolistic competition, oligopoly, and monopoly. *Prerequisites: EC 231 and EC 232.*
EC 407. INDEPENDENT STUDY IN ECONOMICS (1-3)

Independent study in economics. Content and nature determined by individual needs and interests of the students. Required research paper and projects. Maximum of three hours credit. Prerequisite: permission of the Dean.

EC 408. SELECTED TOPICS IN ECONOMICS (1-3)

Readings, lectures, and discussions on subject matter so current that it is not generally included in other course offerings. Use of the Internet is part of this course. Offered on an irregular basis, based on student need and interest. Prerequisite: senior standing.

EDUCATION (ED)

ED 300. INTRODUCTION TO TEACHING AND LEARNING (3)

Content includes qualities needed by the teacher, opportunities for employment, financial compensation and other rewards, requirements for certification, responsibilities of the prospective teacher, what the teaching act involves, a systematic approach to the application of psychology to the learning process, and the requirements of the UWA teacher education program. The formal application for “Admission to Teacher Education” will be made during the course. Fingerprinting is a course requirement. Prerequisite: 45 semester hours of earned credit.

ED 333. READING METHODS SECONDARY/P-12 (3)

An overview of methods and techniques of teaching reading as related to different content areas. Field experience is required. Prerequisite: junior or senior standing.

ED 335. FIELD EXPERIENCES P/12 I (1)

On-campus seminars and field based tutoring of children, small group work, observation and assistance to classroom teacher(s) in cooperating schools. Extensive field work and completion of a technology portfolio is required. Prerequisites: junior standing and ABI/FBI fingerprint clearance by first day of class.

ED 336. FIELD EXPERIENCES P/12 II (1)

On-campus seminars and field based tutoring of children, small group work, observation and assistance to classroom teacher(s) in cooperating schools. Extensive field work and completion of a technology portfolio is required. Prerequisites: junior standing and ABI/FBI fingerprint clearance by first day of class. Prerequisite or co-requisites: ED 333.

ED 381. MIDDLE SCHOOL CURRICULUM AND METHODS (3)

The theoretical and practical bases of decision-making regarding learning, alternatives at the middle school level. Includes educational concepts, curriculum materials and instructional strategies.

ED 382. METHODS OF TEACHING LANGUAGE ARTS (3)

Students develop competencies in methods of teaching language arts. The preparation of unit plans and lesson plans as well as an overview of PEPE skills are essential parts of the course. Prerequisite: junior standing and unconditional admission to TEP.
ED 383. METHODS OF TEACHING MATHEMATICS (3)

Students develop competencies in methods of teaching mathematics. The preparation of unit plans and lesson plans as well as an overview of PEPE skills are essential parts of this course. **Prerequisite: junior standing and unconditional admission to TEP.**

ED 384. METHODS OF TEACHING PHYSICAL EDUCATION (3)

Students develop competencies in methods of teaching physical education. The preparation of unit plans and lesson plans as well as an overview of PEPE skills are essential parts of the course. **Prerequisite: junior standing and unconditional admission to TEP.**

ED 385. METHODS OF TEACHING SCIENCE (3)

Students develop competencies in methods of science. The preparation of unit plans and lesson plans as well as an overview of PEPE skills are essential parts of the course. **Prerequisite: junior standing and unconditional admission to TEP.**

ED 386. METHODS OF TEACHING SOCIAL SCIENCE (3)

Students develop competencies in methods of teaching social science. The preparation of unit plans and lesson plans as well as an overview of PEPE skills are essential parts of the course. **Prerequisite: junior standing and unconditional admission to TEP.**

ED 400. MEASUREMENT AND ASSESSMENT (3)

An overview of the methods and techniques of evaluation in the teaching-learning process. Includes preparation and evaluation of teacher-made tests and evaluation and interpretation of standardized tests. **Prerequisite: junior or senior standing and unconditional admission to TEP.**

ED 405. TECHNOLOGY AND EDUCATION (3)

An overview of the methods and techniques in computer assisted instruction, current issues, and hardware and software as they relate to the educational process. **Prerequisite: junior or senior standing.**

ED 408. TECHNOLOGY PORTFOLIO (1)

Students will prepare a portfolio that provides evidence of technological abilities as required by the State of Alabama. **Prerequisite: ED 405.**

ED 409. INTERNSHIP, PRE-SCHOOL THROUGH GRADE TWELVE (12)

Assignment to a cooperating school(s) at the appropriate level for one full semester (constitutes the student’s load). Includes full-time participation in classroom activities and teaching. Also includes extra-class and community activities. Campus seminars will also be held to discuss problems and issues. **Prerequisites: unconditional admission to Teacher Education Program, passing score on Praxis II, fingerprint clearance, and successful completion of Field Experiences.**

ED 435. FIELD EXPERIENCES P-12 III (1)

On-campus seminars and field-based tutoring of children, small group work, observation and assistance to classroom teacher(s) in cooperating schools. Extensive field
work and completion of the technology portfolio is required. Prerequisite: senior standing, ABI/FBI fingerprint clearance, and unconditional admission to Teacher Education Program.

ED 436. FIELD EXPERIENCES P-12 IV (1)

On-campus seminars and field-based tutoring of children, small group work, observation and assistance to classroom teacher(s) in cooperating schools. Extensive field work and completion of the technology portfolio is required. Prerequisite: senior standing, ABI/FBI fingerprint clearance, and unconditional admission to Teacher Education Program.

ED 497. INDEPENDENT STUDY IN EDUCATION (1-3)

Offers the qualified undergraduate student an opportunity for independent study in education. Specific content and nature of course determined by student needs and interests. Research papers required. One to three semester hours per semester, may be repeated for a maximum of six semester hours credit. Prerequisite: permission of the Dean.

ED 498. SELECTED TOPICS IN EDUCATION (3)

Critical readings, lectures, discussion, and laboratory experiences in education not generally included in course offerings. Specific content and nature of course determined by student needs and interests. May be repeated for six semester hours credit. Prerequisite: permission of the Dean.

EDUCATIONAL PSYCHOLOGY (EP)

EP 098. READING SKILLS IMPROVEMENT (3, NON-DEGREE CREDIT)

Improvement of vocabulary, comprehension, and speed.

EP 099. READING SKILLS FOR STUDENT SUPPORT SERVICES (3, NON-DEGREE CREDIT)

Improvement of vocabulary, comprehension and speed for students in Student Support Services Program. Non-degree credit.

EP 101. COLLEGE READING FOR STUDENT SUPPORT SERVICES (3)

Instruction and practice in the improvement of speed, comprehension, perceptual span, and vocabulary skills. Prerequisites: permission of Student Support Services Director.

EP 402. INTRODUCTORY CAREER PSYCHOLOGY (3)

Vocational behavior and development. Prerequisite: PY 200.

EP 406. CHILD AND ADOLESCENT DEVELOPMENT (3)

Covers the development of the physiological, psychological, social, cognitive and affective aspects of children and adolescent development.
EP 497.  INDEPENDENT STUDY IN EDUCATIONAL PSYCHOLOGY (1-3)

Offers the qualified undergraduate student an opportunity for independent study in educational psychology. Specific content and nature of course determined by student needs and interests. Research papers required. May be repeated for six semester hours credit. Prerequisite: permission of the Dean.

EP 498.  SELECTED TOPICS IN EDUCATIONAL PSYCHOLOGY (1-3)

Critical readings, lectures, discussion, and laboratory experiences in educational psychology not generally included in course offerings. Specific content and nature of course determined by student needs and interests. May be repeated for six semester hours credit. Prerequisite: permission of the Dean.

ELEMENTARY EDUCATION (EE)

EE 300.  EFFECTIVE TEACHING AND LEARNING (3)

This course investigates techniques, strategies, and curriculum design in the elementary grades. Students learn how to integrate content areas, effective teaching and learning strategies, and methods for problem-solving/critical thinking. Prerequisite: junior standing

EE 301.  METHODS OF TEACHING READING (3)

Stages of developmental reading, organizational patterns, methods and materials for classroom application. Concurrent courses which must be taken prior to Senior Block: EE 304, EE 324, and EE 328. Prerequisites: junior standing and EE 300 or permission of the Chairperson.

EE 303.  CLASSROOM MANAGEMENT FOR ELEMENTARY TEACHERS (3)

This course will focus on building classroom management in the elementary classroom.

EE 304.  LITERATURE FOR CHILDREN AND YOUNG ADULTS (3)

Study of the reading interests and needs of children and young adults. Emphasis is placed on evaluating major genre of literature. Programming for both recreation and instruction is included. Concurrent courses which must be taken prior to Senior Block: EE 301, EE 324 and EE 328. Prerequisite: junior standing.

EE 324.  METHODS OF TEACHING SOCIAL STUDIES (3)

Integrated approach to teaching social studies, including global perspectives, materials, and current technology. Concurrent courses: EE 301, EE 304, and EE 328. Prerequisites: Junior Block.

EE 328.  ELEMENTARY CLINICAL EXPERIENCES I (3)

On-campus seminars and field-based tutoring of children, observation and assistance to classroom teacher(s) in cooperating schools two full days each week twelve to fourteen weeks. Concurrent courses which must be taken prior to Senior Block: EE 301, EE 304, and EE 324. Prerequisites: EE 300, junior standing, and ABI/FBI fingerprint clearance.
EE 402. PROBLEMS OF TEACHING READING (3)

Causes of reading disability, informal diagnosis and interpretation of reading ability; application of materials and strategies. Concurrent courses: ED 408, EE 423, EE 425, EE 426, and EE 428. Prerequisite: Junior Block.

EE 423. METHODS OF TEACHING MATHEMATICS (3)

Designed to help students gain familiarity with the mathematics curriculum, develop skills in planning and teaching, and further understanding of mathematical concepts and how they are developed. Concurrent courses: ED 408, EE 402, EE 425, EE 426, and EE 428. Prerequisite: Junior Block.

EE 425. METHODS OF TEACHING SCIENCE (3)

Designed to help students gain familiarity with the science curriculum, develop skills in planning and teaching, and further their understanding of science concepts. Concurrent courses: ED 408, EE 402, EE 423, EE 426, and EE 428. Prerequisite: Junior Block.

EE 426. METHODS OF TEACHING LANGUAGE ARTS (3)

An integrated approach to teaching language arts, including current methods, materials and technology. Concurrent courses: ED 408, EE 402, EE 423, EE 425, and EE 428. Prerequisite: Junior Block.

EE 428. ELEMENTARY CLINICAL EXPERIENCES II (3)

On-campus seminars and field-based tutoring of children, small group work, observation and assistance to classroom teacher(s) in cooperating schools two full days each week for twelve to fourteen weeks. Concurrent courses: ED 408, EE 402, EE 423, EE 425, and EE 426. Prerequisites: Junior Block courses, junior standing, and ABI/FBI fingerprint clearance.

EE 497. INDEPENDENT STUDY IN ELEMENTARY EDUCATION (1-3)

Offers the qualified undergraduate student an opportunity for independent study in elementary education. Specific content and nature of courses are determined by student needs and interests. Research papers required. One to three semester hours per semester, may be repeated for a maximum of six semester hours credit. Prerequisite: permission of the Dean.

EE 498. SELECTED TOPICS IN ELEMENTARY EDUCATION (1-3)

Critical readings, lectures, discussion, and laboratory experiences in elementary education not generally included in course offerings. Specific content and nature of course determined by student needs and interests. May be repeated for a maximum of six semester hours credit. Prerequisite: permission of the Dean.

EMERGENCY MEDICAL TECHNICIAN (EMT)

EMT 200. BASIC EMERGENCY CARE (6)

Includes all required modules of the 1994 EMT Basic National Standard Curriculum; patient assessment, airway management, hemorrhage control, management of fractures, care of special injuries, emergency childbirth, environmental emergencies, transportation of the sick and injured, and radio communications. Prerequisite:
EMT 205. BASIC EMERGENCY CLINICAL INTERNSHIP (1)

Pre-hospital care and transportation of the sick and injured using principles of basic life support, correlated with emergency room experience. Time distributed between emergency room, ambulance, communications center, and interfacility transport vehicle. Prerequisite: Current American Red Cross Professional Rescuer CPR/AED or American Heart Association BLS for Health Care Providers CPR certification. Corequisite: EMT 205 and EMT 206.

EMT 206. BASIC SKILLS LABORATORY (1)

Basic Emergency Medical Technician Skill practicum. Designed to allow Basic EMT students extensive practice of required psychomotor skills. Prerequisite: Current American Red Cross Professional Rescuer CPR/AED or American Heart Association BLS for Health Care Providers CPR certification. Corequisite: EMT 200 and EMT 206.

ENGLISH (EH)

EH 099. FUNDAMENTALS OF WRITING II (3, NON-DEGREE CREDIT)

Required of students needing additional work in usage, mechanics, spelling, basic grammar, and paragraph and essay writing. Entering freshmen and upperclassmen assigned on basis of test scores or referral by Written English Proficiency Committee. A grade of “C” or above is required to pass this course. Passing grade required before registering for EH 101.

EH 101. WRITTEN ENGLISH I (3)

Training in expository writing through frequent themes, exercises, and consultation. A grade of “C” or above is required to pass this course.

EH 102. WRITTEN ENGLISH II (3)

Training in expository writing, especially analysis, argumentation, and research writing. A grade of “C” or above is required to pass this course. Prerequisite: EH 101.

EH 103. HONORS ENGLISH I (3)

Training in expository writing with enhanced opportunities for the pursuit of excellence. A grade of “C” or above is required to pass this course. Prerequisites: ACT composite score of 22 or higher and an ACT English score of 24 or higher.

EH 104. HONORS ENGLISH II (3)

Continued training in expository writing with an emphasis on argumentation and research writing. A grade of “C” or above is required to pass this course. Prerequisites: EH 103 with a “C” or higher or ACT composite score of 28 or higher and an ACT English score of 28 or CLEP or AP score at requisite level. Students meeting one of the three latter requirements and successfully completing EH 104 will also earn three hours credit in EH 103.
EH 213. HONORS LITERATURE I (3)

Designed to provide enhanced challenges and opportunities for excellence in the study of literature. Various critical approaches are used in intensive analyses of English, American, and other literatures. Prerequisites: 2.5 average in EH 103 and EH 104 or 3.5 GPA in EH 101 and EH 102.

EH 214. HONORS LITERATURE II (3)

Designed to provide enhanced challenges and opportunities for excellence in the study of masterpieces of world literature. Prerequisite: “C” or above in EH 213 or 3.5 GPA in EH 101 and EH 102.

EH 221. BRITISH LITERATURE I (3)

Survey of English literature from the Anglo-Saxon period through the eighteenth century. Prerequisite: “C” or above in EH 102 or EH 104.

EH 222. BRITISH LITERATURE II (3)

Survey of British literature from the Romantics to the present. Prerequisite: “C” or above in EH 102 or EH 104.

EH 231. AMERICAN LITERATURE I (3)

Survey of American literature from its earliest beginnings to 1865. Prerequisite: “C” or above in EH 102 or EH 104.

EH 232. AMERICAN LITERATURE II (3)

Survey of American literature from 1865 to the present. Prerequisite: “C” or above in EH 102 or EH 104.

EH 301. ADVANCED COMPOSITION (3)

Advanced training in prose composition, primarily argumentation, with emphasis on concepts of audience, voice, structure, and logical development, as well as improvement of individual style. Prerequisite: EH 102 or 104.

EH 302. INTRODUCTION TO RESEARCH (3)

Basic procedures of research for literary studies. Must be taken before or concurrently with any literature course at the 300 level or above, except with permission of the Dean. Prerequisite: three hours of literature on the 200 level or permission of the Dean.

EH 303. TECHNICAL WRITING (2)

Instruction in professional writing, including informative papers, reports, analyses, oral presentations, library skills, resumes, and letters of application. Prerequisite: EH 102 or 104 or permission of the Dean.

EH 310. POPULAR CULTURE (3)

Study of a popular genre, theme, or mode such as science fiction, the detective story, or film. Specific course content will vary, and the course may be repeated once for a total of six credit hours provided that both courses cover substantially different material. Prerequisite: Six hours of literature on the 200 level or permission of the Dean.
EH 311. WOMEN’S LITERATURE (3)
A study of works of selected women writers from the medieval period to the present. Prerequisite: Six hours of literature on the 200 level or permission of the Dean.

EH 330. AFRICAN-AMERICAN LITERATURE (3)
A study of literature by African-American authors from the days of slavery to the present. Prerequisite: Six hours of literature on the 200 level or permission of the Dean.

EH 335. SOUTHERN LITERATURE (3)
Authors, works, and literary movements associated with the American South. Prerequisite: Six hours of literature on the 200 level or permission of the Dean.

EH 370. CREATIVE WRITING (1-3)
Peer critiques and the opportunity to write short stories, creative essays, and/or poetry. Prerequisite: Six hours of literature on the 200 level or permission of the Dean.

EH 379. CREATIVE WRITING PRACTICUM (1)
Peer critiques and completion of a creative writing project, either in poetry, fiction, drama, or essay. May be repeated for a maximum of three semester hours credit. Prerequisite: permission of the Chairperson of the Department of Languages and Literature.

EH 397. INDEPENDENT STUDY IN ENGLISH (1-3)
Independent study in some area or areas of literature, linguistics, and composition. Course content and format determined by student needs and interests. A maximum of six hours may be earned in this course. Prerequisite: permission of the Dean.

EH 410. TWENTIETH-CENTURY POETRY (3)
A study of works of major American and British poets of the twentieth century from Thomas Hardy to the present, including Yeats, Eliot, Auden, Frost, Stevens, Williams, and Plath. Prerequisite: EH 302.*

EH 421. CHAUCER AND SELECTED MEDIEVAL LITERATURE (3)
A focus on the Canterbury Tales, with additional readings of poems, mystery plays, and romances by other authors. Prerequisite: EH 302.*

EH 422. SHAKESPEARE (3)
A study of Shakespeare’s works, with a focus on the tragedies from Romeo and Juliet through Macbeth. Prerequisite: EH 302.*

EH 423. ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY (3)
A study of the poetry of John Donne and the Metaphysical poets, Ben Jonson and the Cavalier poets, and John Milton, primarily Paradise Lost. Prerequisite: EH 302.*

EH 424. RESTORATION AND EIGHTEENTH-CENTURY BRITISH LITERATURE (3)
British prose, poetry, and drama from 1660 to 1800, including such writers as Dryden, Swift, Pope, and Johnson. Prerequisite: EH 302.*

*Concurrent enrollment in EH 302 allowed.
EH 425. NINETEENTH-CENTURY ENGLISH POETRY (3)

Selections from the poetry of major Romantic and Victorian poets. Prerequisite: EH 302.*

EH 426. THE ENGLISH NOVEL (3)

Examination of six to eight works of various periods and types in the development of the English novel. Prerequisite: EH 302.*

EH 436. THE AMERICAN NOVEL (3)

A study of the novel in the United States, as revealed in close examination of six to eight novels. Prerequisite: EH 302.*

EH 440. LITERARY CRITICISM (3)

A study of traditional and contemporary criticism and theory. Prerequisite: EH 302.*

EH 450. CONTEMPORARY FICTION (3)

A study of fiction written in English, as revealed in an examination of 6-8 works written from 1955 to present. Prerequisite: EH 302.

EH 460. ADVANCED GRAMMAR AND LINGUISTICS (3)

Survey and analysis of traditional, structural, and transformational systems of grammar. Prerequisite: EH 302.

EH 470. ADVANCED CREATIVE WRITING (1-3)

For students who have earned credit in EH 370 and other qualified students, an opportunity to continue their writing.

EH 480. TEACHING COMPOSITION (3)

Preparation for the teaching of writing, emphasizing the presentation of content in an organized, well-developed, and stylistically correct manner. Prerequisites: EH 102 or 104 and EH 301.

EH 488. FIELD EXPERIENCE IN ENGLISH LANGUAGE ARTS TEACHING (3)

Tutoring of students in English Language Arts classes or in the Writing Center under the supervision of a classroom teacher; observation and assistance to the classroom teacher, two to three days a week. Prerequisite: “C” or above in EH 301 or EH 480.

EH 489. TUTORIAL PRACTICUM FOR TEACHERS (1)

Tutoring in the Writing Center under the supervision of the Director. May be repeated for maximum of three semester hours. Prerequisite: permission of the Dean or grade of at least “C” in both EH 301 and EH 460.

EH 498. SELECTED TOPICS IN ENGLISH (1-3)

Critical readings, lectures, and discussions of selected topics not generally included in course offerings. Course content and format determined by student needs and interests. Prerequisite: permission of the Dean.

*Concurrent enrollment in EH 302 allowed.
EN 100. INTRODUCTION TO ENVIRONMENTAL SCIENCES (4)

Interdisciplinary approach to environmental imperatives involving the natural sciences, sociology, psychology, and economics. Outside projects and reports required. Three lecture hours and two laboratory hours per week.

EN 307. INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCES (1-8)

Content and nature of the course determined by individual needs and interests of the student. One or more research projects and papers are required. One to four semester hours per semester, may be repeated for a maximum of eight semester hours credit. Prerequisite: permission of the Dean.

EN 340. COASTAL ZONE MANAGEMENT (2)

Ecological features and policies of physical management for coastal communities with a description of relevant federal and state programs. (Offered only at the Marine Laboratory, Dauphin Island.)

EN 360. ENVIRONMENTAL CHEMISTRY (3)

The application of chemical and biochemical principles to environmental problems and their solutions. Emphasis is placed on the behavior of pollutants in the natural ecosystem and their management. One or more research projects and/or papers are required. Three hours of lecture and two laboratory hours per week. Prerequisite: CH 241 or CH 321.

EN 404. TECHNIQUES OF RESEARCH AND DATA ANALYSIS (3)

A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. Prerequisites: MH 246 and 20 hours in biology and/or environmental science or permission of the Dean. Computer proficiency in Microsoft Excel and Word is critical.

EN 409. ENVIRONMENTAL SCIENCES INTERNSHIP (12)

To be eligible for internship, a student must complete all other course requirements in the Environmental Sciences Comprehensive pattern and apply through the Environmental Sciences Coordinator for the internship which is approximately 12 weeks in duration. The grade is based upon a written report submitted by the student and an evaluation submitted by the Intern Site Director.

EN 441. ENVIRONMENTAL TOXICOLOGY (3)

Overview of concepts and terminology combining several diverse disciplines to investigate how society creates, regulates, and perceives the effects of toxic substances in the environment. Health issues and approaches to control the major environmental health problems associated with various occupations in industrialized and developing countries will also be examined. Prerequisite: 16 hours in biology or environmental sciences or permission of the Dean.

EN 453. APPALACHIAN ECOLOGY (4)

A study of the biodiversity and geology of the Appalachian Mountains with particular focus on unique biological communities and the impact of natural and anthro-
pogenic events on the landscape and ecology. Prerequisite: 16 hours in biology or environmental sciences or permission of the Dean.

EN 454. CONSERVATION BIOLOGY (3)

This course provides an introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Graduate project required. Three lecture hours per week.

EN 455. ECOLOGICAL MANAGEMENT (3)

Introduction to and discussion of basic natural resources management techniques and factors affecting successful management. Management techniques for several specific habitat types will be studied. Three lecture hours per week. Prerequisite: 20 hours in environmental science and/or biology or permission of the Dean.

EN 456. ECOLOGICAL RESTORATION (3)

Exploration of basic principles of ecological restoration including physical, chemical, and biological manipulations required for restoration success. Additionally, this course will provide a detailed examination of practical aspects of restoration in selected ecosystems. Three lecture hours per week. Prerequisite: twenty hours in environmental science and/or biology or permission of the Dean.

EN 458. SUBTROPICAL ECOLOGY (4)

This course will provide an introduction to habitats and ecosystems of subtropical Florida. Students will gain insight into the natural and cultural history of some of the most unique and diverse habitats in North America. The course will include weekly meetings to discuss subtropical habitats, followed by a field trip. Upon return, students will develop a research paper and a presentation on a topic related to these habitats. Prerequisite: Permission of instructor.

EN 480. ENVIRONMENTAL LAW (3)

Governmental regulations that seek to insure the quality of the environment and the safety of the work place. Prerequisite: junior standing or permission of the Dean.

EN 498. SELECTED TOPICS IN ENVIRONMENTAL SCIENCES (1-4)

Requirements and interests of students determine the topics offered. Prerequisite: permission of the Dean.

FINANCE (FI)

FI 300. FINANCE (3)

Survey of financial management of the private firms, with emphasis on financial statements, sources of capital, and management of fixed assets. Prerequisites: AC 212, EC 231, EC 232, and MH 113.

FI 310. MANAGERIAL FINANCE (3)

Financial management, emphasizing analytical frameworks in finance, including cost of capital, capital budgeting, capital structure, financial analysis, forecasting and resource allocation. Prerequisite: FI 300.

FI 330. PERSONAL FINANCIAL PLANNING (3)

Financial planning objectives and needs from both the individual and family point of view with emphasis on establishing a framework for personal decisions in rela-
tionship to investing, financing, and risk management in real and financial assets and human capital. Prerequisites: FI 300.

FI 340. INVESTMENTS (3)
Role of securities markets in economic life, with attention to types of securities, purchase and sale of securities, factors influencing market price and the relation of stock speculation to the banking system and general economic conditions. Prerequisites: FI 300 and MH 113.

FI 350. MONETARY POLICY (3)
Builds on the groundwork laid in the business professional component to expand the student’s familiarity with finance into the areas of operation and management of financial institutions and financial markets. Prerequisites: EC 231 and EC 232, FI 300.

FI 360. PRINCIPLES OF REAL ESTATE (3)
Fundamentals of real property, measurement and economic value, legal implications (with emphasis on Alabama law), financing, valuation, ethics, and the functions of the brokerage office. Prerequisites: AC 212, BA 263, EC 231, FI 300, and proficiency in business mathematics.

FI 407. INDEPENDENT STUDY IN FINANCE (1-3)
Independent study in finance. Content and nature determined by individual needs and interests of the students. Required research paper and projects. Maximum of three hours credit. Prerequisite: permission of the Dean.

FI 408. SELECTED TOPICS IN FINANCE (1-3)
Readings, lectures, and discussions on subject matter so current that it is not generally included in other course offerings. Use of the Internet is part of this course. Offered on an irregular basis, based on student need and interest. Prerequisite: senior standing.

FRENCH (FR)

FR 101. INTRODUCTORY FRENCH I (3)
Basic reading, writing, oral comprehension, and speaking skills. Designed for students with no prior French or only one year of high-school French.

FR 102. INTRODUCTORY FRENCH II (3)
A continuation of FR 101. Prerequisite: FR 101 or equivalent or permission of the Department.

FR 201. INTERMEDIATE FRENCH I (3)
Further training in the four language skills. Students with previous language training will be placed at appropriate level. Prerequisite: FR 102 or equivalent or permission of the Department.

FR 202. INTERMEDIATE FRENCH II (3)
A continuation of FR 201. Prerequisite: FR 201 or equivalent or permission of the Department.
FR 310.  READINGS IN FRENCH LITERATURE (1-3)

Selected readings in French drama, fiction, and lyric poetry. Prerequisite: permission of Department.

GEOGRAPHY (GY)

GY 100.  INTRODUCTION TO GEOGRAPHY (3)

An introduction to the basic concepts of physical and human geography based upon the five basic themes of geography: location, place, relationships within places, movements, and regions.

GEOLOGY (GE)

GE 102.  PHYSICAL GEOLOGY (4)

Introduction to geology, with emphasis on earth materials and modern processes including geologic hazards. Three lecture and three laboratory hours per week.

GE 302.  MARINE GEOLOGY (4)

A study of the geology of the ocean basins, with special emphasis on the continental shelves. Prerequisite: GE 102, MH 246 recommended. (Offered only at the Marine Laboratory, Dauphin Island.)

GE 370.  ENVIRONMENTAL GEOLOGY (4)

Practical applications of geology to environmental issues such as natural hazards, waste disposal and pollution, discovery and exploitation of mineral, energy and water resources, land use planning, and environmental impact and related legal issues. Three lecture and three laboratory hours per week. Prerequisite: GE 102.

GE 392.  HISTORY OF LIFE ON EARTH (4)

A survey of life and geologic settings through time, including methods, principles of evolution and stratigraphy, practical experience and collecting and analyzing fossils, and cultural implications. Three lecture and three laboratory hours per week. Prerequisites: eight hours of biology and GE 102, or permission of the instructor.

GE 463.  COASTAL GEOMORPHOLOGY (4)

Coastal processes and features, including waves and currents, beaches, inlets, and coastal engineering structures. Includes several short cruises and other field trips. Prerequisites: permission of the instructor and the Dean. (Offered only at the Marine Laboratory, Dauphin Island.)

GE 468.  SELECTED TOPICS IN MARINE GEOLOGY (1-4)

Requirements and interests of students determine the topics to be covered, such as marine paleoecology, recent marine sedimentation, or others. Prerequisites: eight semester hours of geology and permission of the instructor and the Dean. (Offered only at the Marine Laboratory, Dauphin Island.)
HISTORY (HY)

HY 101. HISTORY OF WESTERN CIVILIZATION I (3)
Survey of Western Civilization until 1500.

HY 102. HISTORY OF WESTERN CIVILIZATION II (3)
Survey of Western Civilization from 1500 to present. Emphasis on rise of modern society. Prerequisite: HY 101.

HY 103. HONORS HISTORY I (3)
An in-depth survey of Western Civilization until 1500. Prerequisites: ACT composite score of 22 or higher and an ACT Reading score of 24 or higher.

HY 104. HONORS HISTORY II (3)
An in-depth survey of Western Civilization from 1500 to present, with emphasis on the rise of modern society. Students meeting one of the three latter requirements and successfully completing HY 104 will also earn three hours in HY 103. Prerequisites: HY 103 with a “C” or higher or ACT composite score of 28 or higher and an ACT Reading score of 28 or CLEP or AP score at the requisite level.

HY 211. AMERICAN HISTORY I (3)
Social, economic, and political aspects of American history from the discovery of the New World through the Civil War.

HY 212. AMERICAN HISTORY II (3)
The development of the United States since the Civil War.

HY 300. HISTORICAL METHODOLOGIES AND PRACTICES (3)
This course will prepare students to conduct research and write research papers as historians. The class will discuss the theoretical and philosophical approaches to writing historical essays. Much of this course will revolve around writing research papers concentrating on content, form, analysis, citations, and methodology. Prerequisite: at least nine semester hours of 100 or 200 level history courses.

HY 307. INDEPENDENT STUDY IN HISTORY (3)
Independent study for qualified undergraduate students. Research project required. Prerequisite: permission of the instructor and Dean.

HY 308. SELECTED TOPICS IN HISTORY (3)
Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and needs of student. Prerequisite: permission of the Dean.

HY 341. HISTORY OF ENGLAND TO 1603 (3)
A survey of the history of England from prehistory to 1603.

HY 342. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO THE PRESENT (3)
A survey of the history of England and the British Empire from 1603.
HY 371.  BLACKS AND THE LAW (3)
An examination of the African-American struggle within the American legal system using primary documents, case law, and biographies.

HY 400.  SEMINAR IN HISTORICAL STUDIES (3)
The capstone course for history majors, designed to provide training in the principles of historical research and writing. Research paper required. Prerequisites: junior standing and six semester hours of upper-division history.

HY 403.  THE FIRST WORLD WAR (3)
A study of the origins of the First World War emphasizing the evolution of strategy, operations, and tactics.

HY 404.  THE SECOND WORLD WAR (3)
A study of warfare from 1931 through 1945, emphasizing strategy, operations and tactics.

HY 405.  WAR OF THE MODERN AGE (3)
The study of war and warfare from 1859 through September 11, 2001, with an emphasis on the evolution of strategy, operations, and tactics.

HY 406.  FILM AND HISTORY (3)
A survey of the history of film and the development of film within its cultural context. The course will include frequent discussions of the proper use of film in the classroom. Prerequisite: HY 102 or HY 212.

HY 409.  INTERNSHIP IN HISTORICAL PRESERVATION (3)
Supervised internship at a public history facility. May be repeated for a maximum of six semester hours.

HY 410.  AMERICAN DIPLOMATIC HISTORY (3)
A study of the diplomatic events and foreign policy decisions in American history, with special emphasis on the United States as a world power. Prerequisites: HY 211 and 212.

HY 411.  COLONIAL/REVOLUTIONARY AMERICA (3)
A survey of the history of Colonial America from the age of discovery to the adoption of the Constitution. Prerequisites: HY 211 and 212.

HY 412.  THE EARLY NATIONAL PERIOD (3)
The development of the American Republic from 1789 to 1824. Prerequisites: HY 211 and 212.

HY 413.  JACKSONIAN AMERICA (3)
The development of the United States from 1820 through 1845. Prerequisites: HY 211 and 212.

HY 414.  U.S. HISTORY 1850-1876 (3)
A study of the political and intellectual development of America during the Civil War era. Prerequisites: HY 211 and 212.
HY 415. GILDED AGE AND PROGRESSIVE ERA (3)
U.S. History 1876-1917: A study of the American response to industrialization and its emergence as a world power. Prerequisites: HY 211 and 212.

HY 416. AMERICA FROM WWI TO WWII (3)
U.S. History 1917-1945: America in the Great War, the Roaring Twenties, Depression and the New Deal, and WWII. Prerequisites: HY 211 and 212.

HY 417. THE MODERN AGE IN THE UNITED STATES (3)
U.S. history since 1945: A study of America in the Cold War, and social, economic and political revolutions at home. Prerequisites: HY 211 and 212.

HY 418. U.S. CONSTITUTIONAL HISTORY I (3)
An exploration of the cultural foundations of U.S. constitutional law and constitutionalism from the Glorious Revolution through 1868.

HY 419. U.S. CONSTITUTIONAL HISTORY II (3)
An exploration of the evolution of U.S. constitutional law and constitutionalism from 1868 through the 1980s.

HY 420. HISTORY OF ALABAMA (3)
A survey of the major developments and events in the history of Alabama from the colonial period until the twentieth century.

HY 421. HISTORY OF THE OLD SOUTH (3)
A survey of the history of the South to 1865. Prerequisites: HY 211 and 212.

HY 422. HISTORY OF THE NEW SOUTH (3)
The development of the South since Reconstruction and the South’s place in the nation today. Prerequisites: HY 211 and 212.

HY 423. THE MILITARY HISTORY OF THE CIVIL WAR (3)
A survey of the military campaigns of the American Civil War from Fort Sumter to Appomattox.

HY 425. THE AMERICAN REVOLUTION IN THE SOUTH (3)
A detailed examination of the American Revolution and the War for Independence in the American South from 1763 until 1783.

HY 433. EUROPE IN THE 19TH CENTURY (3)
Political, social, economic, and diplomatic developments in Europe from 1805 to 1918. Prerequisite: HY 102 or HY 104.

HY 435. CONTEMPORARY EUROPE (3)
Political, social, economic, and diplomatic developments in Europe from 1945 to present. Prerequisite: HY 102 or HY 104.

HY 437. HISTORY OF NAZISM AND FASCISM (3)
History of the rise of fascist regimes throughout Europe following the First World War with emphasis on Nazi Germany and the Holocaust. Prerequisite: HY 102 or HY 104.
HY 445. GREAT BRITAIN FROM 1865 TO 1914 (3)
A detailed survey of the history of Great Britain from 1868 until 1914.

HY 446. GREAT BRITAIN FROM WWI TO WWII, 1914-1945 (3)
A detailed examination of Great Britain’s involvement in the two world wars of the twentieth century concentrating on politics, society, and diplomacy in the era.

HY 450. HISTORY OF EAST ASIA (3)
Philosophy, geography, and history of East Asia. Emphasis on China and Japan. Prerequisite: HY 102 or HY 104.

HY 471. AFRICAN-AMERICAN HISTORY, 1400-1865 (3)
The history of African-Americans from their roots in West Africa to emancipation in the United States.

HY 472. AFRICAN-AMERICAN HISTORY, 1866-PRESENT (3)
This history of African-Americans from emancipation to the present.

HY 473. SLAVERY IN NORTH AMERICA (3)
A readings seminar in North American slavery concentrating on the primary literature and the evolution of interpretation.

HY 475. THE MODERN CIVIL RIGHTS MOVEMENT (3)
A study of the Civil Rights Movement from the New Deal to 1980.

HY 476. COMPARATIVE SLAVERY (3)
A readings seminar examining the primary literature using the comparative approach to the study of slavery.

HY 485. FUNDAMENTALS OF HISTORIC PRESERVATION (3)
An introduction to the field of historic preservation, and an examination of the development of U.S. preservation movements. Prerequisites: HY 211 & HY 212.

HY 486. FUNDAMENTALS OF PUBLIC HISTORY (3)
An interdisciplinary introduction to public history, examining local history, archival management, historical archaeology, and museum studies. Prerequisites: HY 211 & HY 212.

HY 488. FIELD EXPERIENCE IN SOCIAL SCIENCE TEACHING (3)
Students are required to work directly with a professor teaching either HY 101, HY 102, HY 211, or HY 212. Prerequisite: senior standing or permission of the Dean.

HY 498. READING SEMINAR (1-3)
Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and need of student. Prerequisite: permission of the Dean.

HONORS PROGRAM (HR)

HR 100. HONORS FORUM (1)
Required of all students entering the Honors Program. Combines classwork, cultural activities and attendance at special events. Prerequisite: concurrent enrollment
in or completion with a “C” or higher of one of the honors versions of basic curriculum courses or permission of the Dean of Liberal Arts.

HR 200. HONORS SPECIAL TOPICS: INTERDISCIPLINARY (2)

Interdisciplinary course, team taught by faculty from the four UWA colleges, focusing on a historical period or a fundamental issue or theme. Prerequisites: sophomore status and Honors Forum with a “C” or higher or permission of the Dean of Liberal Arts.

HR 307. HONORS MENTORED STUDIES (1)

An opportunity for the student to work on a senior thesis under the guidance of a faculty member within the student’s major field. Prerequisites: junior status and HR 200 with a “C” or higher or permission of the Dean of Liberal Arts.

HR 407. HONORS THESIS (1-2)

Completion of the senior thesis begun in HR 307. The student defends the completed work before a faculty committee. (To earn two semester hours of credit, an honors student must complete additional research as required by the thesis mentor.) Prerequisite: HR 307 with a “C” or higher. May be repeated for a maximum of three semester hours.

INTERNATIONAL STUDIES (IS)

IS 100. CONTEMPORARY INTERNATIONAL STUDIES (3)

Survey of current international problems and an introduction to the area of International Studies.

JOURNALISM (JN)

JN 200. INTRODUCTION TO MASS COMMUNICATION (3)

An introduction to media, including communication theory, media history, legal considerations, and the influence of technology in the shaping of modern communication practices.

JN 219. JOURNALISM PRACTICUM: PRINT (1)

Work on a University publication, either writing or a combination of writing with layout and/or photography. Maximum accumulated credit: eight semester hours. Prerequisite: permission of the instructor.

JN 240. PHOTOGRAPHY (2)

An introduction to the technical and creative aspects of photography, including use of the camera, developing and printing, and composition.

JN 259. JOURNALISM PRACTICUM: PUBLISHING (1)

Performance of specific duties in the Livingston Press, achieving skills in publishing. Maximum accumulated credit: eight semester hours. Prerequisite: permission of the instructor.
JN 279. JOURNALISM PRACTICUM: BROADCAST (1)

Performance of specific duties in campus radio/television facilities. Maximum accumulated credit: eight semester hours. Prerequisite: permission of the instructor.

JN 300. STYLE AND EDITING WORKSHOP (1)

Basic editing and style procedures, emphasizing the use of the AP stylebook and common errors in word selection. Students will work a minimum of 15 hours on The Life. Prerequisite: JN 320.

JN 320. WRITING FOR THE MASS MEDIA (3)

Cultivation and application of various feature writing skills. Student writing published in school publications and area newspapers. Prerequisite: JN 200.

JN 350. DESKTOP PUBLISHING (3)

Theoretical and experiential instruction in the latest desktop publishing software. Prerequisite: EH 102 or EH 104.

JN 360. MASS MEDIA DESIGN (3)

Preparation of media messages for various formats including page layout, audio/visual formats, and computer design. Prerequisite: JN 200.

JN 370. TELEVISION PRODUCTION (3)

Production of radio and/or television news and feature stories, script writing, equipment operation, and on-camera technique. Prerequisites: JN 200 or JN 320.

JN 397. INDEPENDENT STUDY IN JOURNALISM (1-3)

Independent investigation of some area or areas of mass communications. Specific content and nature of study determined by student needs and interests. Maximum accumulated credit: six semester hours. Prerequisite: permission of the Dean.

JN 480. ADVISING STUDENT PUBLICATIONS (3)

Defines role of high school/college newspaper and yearbook advisors and explores advising techniques. Prerequisite: JN 200 or permission of the Dean.

JN 498. SELECTED TOPICS IN JOURNALISM (1-3)

Readings, lectures, and/or discussions of topics not generally included in course offerings. Course content and format determined by student needs and interests. Prerequisite: permission of the Dean.

JN 499. PROFESSIONAL MEDIA INTERNSHIP (3)

Work a minimum of fifty hours with an appropriate media facility. Students must submit application for internship no later than the semester prior to enrollment in the course. Prerequisites: six semester hours in a specified area of the mass media and permission of the Chairperson of the Department of Languages and Literature.

MANAGEMENT (MG)

MG 300. MANAGEMENT (3)

Basics of management thought and management functions of planning, organizing, staffing, directing and controlling. Prerequisites: AC 212, EC 231 and EC 232.
MG 310. HUMAN RESOURCES MANAGEMENT (3)

Management of labor, including the selection, training and placement of personnel. Special management problems such as turnover, payment policies and employee representation. Prerequisite: MG 300.

MG 320. LABOR RELATIONS (3)

Pertinent statutes and administrative and court rulings as a basis for determining the rights and obligations arising under laws such as the National Labor Relations Act and Title VII of the Civil Rights Act of 1964. Prerequisite: MG 300.

MG 322. MANUFACTURING/PROCESS MANAGEMENT (3)

A study of materials, machines, processes, and systems used by business and manufacturing to convert raw materials into useable products. Prerequisite: MG 300 or permission of the instructor.

MG 341. ENTREPRENEURSHIP (3)

This course examines the evolutionary role and creative function of managerial entrepreneurship in a diversity of business settings-small business, corporate, and non-profit organizations. Prerequisite: MG 300.

MG 351. PRINCIPLES OF OCCUPATIONAL SAFETY AND HEALTH (3)

Safety, hazard and catastrophe control, environmental concerns, laws, costs, administration, management, liability, accident-loss prevention, and psychological considerations. Research is required on a specific topic determined by consultation with the instructor. Prerequisite: MG 300.

MG 370. MANAGEMENT INFORMATION SYSTEMS (3)

This course focuses on the development and application of management information systems to business problems. Issues related to the use of computerized systems in the management of personnel and business information are explored through the use of microcomputers and software applications. Prerequisites: MG 300 and BA 271.

MG 390. OPERATIONS MANAGEMENT (3)

A study of the theoretical concepts of management science with attention to planning and implementation of decision making in organizations using differing programming methods and decision models. Prerequisites: MG 300 and BA 271.

MG 391. LOGISTICS (3)

Study of systems and processes which comprise supply chain management and transportation, quality assurance, maintenance, disaster logistics and systems of inventory management and control. Prerequisite: MG 390.

MG 400. MANAGEMENT ISSUES SEMINAR (3)

A senior seminar devoted to the study of significant issues and current topics in management. This course affords the opportunity for an in-depth examination of areas of particular interest to management students. Prerequisites: MG 300 and senior standing.
MG 407. INDEPENDENT STUDY IN MANAGEMENT (1-3)

Independent study in management. Content and nature determined by individual needs and interests of the student. Required research paper and projects. May be repeated for a maximum of three-semester hours credit. Prerequisite: permission of the Dean.

MG 408. SELECTED TOPICS IN MANAGEMENT (1-3)

Critical readings, lectures and discussions of selected topics not generally included in course offerings. Content determined by student interest and need. May be repeated for a maximum of three hours credit. Prerequisite: permission of the Dean.

MG 410. LEADERSHIP (3)

Study of leadership theories. Includes identification, development, communication and ethics of leadership. Prerequisite: MG 300.

MG 440. INTERNATIONAL MANAGEMENT (3)

Strategic and operational issues associated with managing international or multinational organizations. Global and domestic market forces, adjustments to traditional operations and business activities and cultural considerations affecting management of international business. Prerequisite: MG 300.

MG 450. ORGANIZATION BEHAVIOR (3)

Analysis of organization practices and their application to both the business and industrial environments. Deals with behavioral science concepts such as motivation, conflict and communication. Prerequisite: MG 300.

MG 453. QUALITY MANAGEMENT SYSTEMS (3)

Various quality systems such as Total Quality Management (TQM), ISO 9000 and 14000, Just-in-Time (JIT), Quality Function business, manufacturing, and service organizations. Prerequisites: BA 271 and MG 300.

MG 455. SAFETY RISK MANAGEMENT (3)

A study of various types of safety risks. Emphasis is on differing needs for diverse industries, corporate cultures, and the duties of the Safety Director, committees, and teams. Class participants are required to develop a Workplace Safety manual detailing the duties of a Safety Director. Prerequisite: MG 300.

MG 460. MANAGEMENT INTERNSHIP (3)

A work related experience in a private, public, or governmental organization enhancing the applications of management theories and concepts. Prerequisite: senior standing. Students may not register for this course until the application has been completed and approved by the Dean’s Office.

MG 490. STRATEGIC MANAGEMENT (3)

Formulation of programs and policies pertaining to personnel, production, finance, procurement and marketing in the business enterprise and the application of these programs and policies through case studies and/or computer simulation. Prerequisite: student should be in final semester of senior year. Not accepted for transfer credit without Dean’s approval.
MARKETING (MK)

MK 300. MARKETING (3)
Survey course concentrating on the marketing environment and the marketing decisions regarding product, price, promotion and marketing channels. Prerequisites: EC 231 and EC 232.

MK 310. SALESMA NSHIP (3)
Personal selling function with emphasis on customer oriented problem solving approach. Prerequisite: MK 300.

MK 320. RETAIL MANAGEMENT (3)
Analysis of the principles related to the successful operation and management of the retail store. Prerequisite: MK 300.

MK 330. ADVERTISING (3)
Investigation of advertising theory in relation to effectively informing potential customers of the availability and attributes of products. Prerequisite: MK 300.

MK 340. CONSUMER BEHAVIOR (3)
Analysis of consumer behavior in relation to market stimuli. Prerequisite: MK 300.

MK 350. MARKET RESEARCH (3)
Examination of research methods and procedures used in marketing to discover and measure market opportunities. Prerequisites: MK 300 and BA 271.

MK 360. MARKETING PROBLEMS AND ANALYSIS (3)
Analysis of marketing problems using a case study and reading approach. Prerequisites: MK 300 and MK 350.

MK 370. MARKETING MANAGEMENT (3)
Focuses on marketing from a managerial perspective and emphasizes the analysis of marketing opportunities and the design and application of marketing strategies. Prerequisites: MK 300 and MK 350.

MK 380. SERVICE MARKETING (3)
Promotes understanding of services marketing and its critical contribution to marketing. Topics include customer expectations and perceptions in the design of service processes and standards. Prerequisite: MK 300.

MK 407. INDEPENDENT STUDY IN MARKETING (1-3)
Independent study in marketing. Content and nature determined by individual needs and interests of the student. Required research paper and projects. May be repeated for a maximum of three hours. Prerequisite: permission of the Dean.

MK 408. SELECTED TOPICS IN MARKETING (1-3)
Critical readings, lectures and discussions of selected topics not generally included in course offerings. Content determined by student interest and needs. May be repeated for a maximum of three hours. Prerequisite: permission of the Dean.
MK 450. INTERNATIONAL MARKETING (3)

Decision making and policy formation relative to the cultural, social, political, and legal aspects of marketing in global environments. Prerequisite: MK 300.

MK 460. MARKETING INTERNSHIP (3)

A work related experience in private, public, or governmental organization enhancing the application of marketing theories and concepts. Prerequisite: senior standing. Students may not register for this course until the application has been completed and approved by the Dean’s Office.

MATHEMATICS (MH)

MH 080. BASIC MATHEMATICS (3)

Developmental course required for students who lack adequate proficiency in basic mathematical skills. Provides a foundation necessary for successful completion of MH 081, Basic Algebra. Topics included are whole numbers, fractions, decimals, ratio and proportion, percents, rational numbers, and geometry. Students registered for this course must make a grade of “C” or higher before registering for MH 081. Students are assigned to MH 080 on basis of standardized or placement test scores. Prerequisite: none.

MH 081. BASIC ALGEBRA (3)

Developmental course required for students who lack adequate proficiency in basic skills of algebra. Students that need additional work in algebra before taking MH 101, Intermediate Algebra are assigned to MH 081 on the basis of standardized test scores or placement test scores. Students assigned to MH 081 must make a “C” or higher before registering for any other mathematics course. Topics covered are real numbers, variable expressions, solving equations, polynomials, factoring, rational expressions, linear equations, and inequalities. Prerequisite: “C” or higher in MH 080 or 14 on ACT math subscore or appropriate placement score.

MH 101. INTERMEDIATE ALGEBRA (3)

Required of students who lack adequate proficiency in the basic skills of arithmetic and algebra. Students that need additional work in algebra before taking pre-calculus are assigned to MH 101 on the basis of standardized test scores or placement scores. Students assigned to MH 101 must pass it before registering for any other mathematics course. Topics covered are the exponents, operations with polynomials, factoring, graphing, systems of linear equations, rational expressions, and quadratic equations. Prerequisite: “C” or higher in MH 081 or 17 or higher on ACT math subscore or appropriate placement score.

MH 113. PRECALCULUS ALGEBRA (3)

This course includes linear functions and relations; linear functions and graphs; quadratic functions (parabolas); polynomial functions; rational functions; exponential and logarithmic functions; the binomial theorem; and systems of nonlinear equations. No credit is allowed for this course if a student has previous credit in Precalculus or higher mathematics course. Prerequisite: “C” or higher in MH 101, an ACT math subscore or 20 or higher, or other appropriate standardized test scores.
MH 114. PRECALCULUS TRIGONOMETRY (3)

Includes angles and their measures, trigonometric functions and their inverses, trigonometric identities, and trigonometric equations. The Law of Sines and Cosines, polar coordinates, vectors and applications of vectors, complex numbers, nth roots of a complex number, DeMoivre’s Theorem and polar coordinates are also included. Prerequisite: MH 113 or appropriate standardized test score. A student who has received previous credit in a trigonometry or higher mathematics course is not eligible to enroll in MH 114.

MH 121. CALCULUS I (4)

Topics include the limit of a function, the derivative of algebraic, trigonometric, exponential, and logarithmic functions, and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. Three lecture and two computer laboratory hours per week. Prerequisite: “C” or higher in MH 114 or the equivalent.

MH 122. CALCULUS II (4)

Topics include vectors in the plane and in space, lines and planes in space, applications of integration (such as volume, arc length, work, and average value), techniques of integration, infinite series, polar coordinates, and parametric equations. Three lecture and two laboratory hours per week. A computer project is required. Prerequisite: “C” or higher in MH 121.

MH 180. SURVEY OF MATHEMATICS FOR THE ELEMENTARY TEACHER (3)

Concepts of mathematics presented in the elementary mathematics curriculum. The development of number with operations and other concepts in mathematics such as probability, statistics, and geometry will be included in this course. There will be an emphasis in explaining mechanics and correlation with the National Council of Teachers of Mathematics Standards and the Alabama Course of Study in Mathematics. This course may not be substituted for MH 181, MH 182, or MH 183 and is offered online only. Prerequisite: MH 113.

MH 181. MATHEMATICS FOR ELEMENTARY TEACHERS I (3)

Concepts of mathematics presented in the elementary mathematics curriculum. Set concepts, informal mathematical reasoning, problem-solving activities, and use of calculators are included in the study of sets and whole numbers, number theory, rational numbers, real numbers, and geometric shapes. Counts as a basic mathematics requirement for elementary education majors only. Prerequisite: MH 113.

MH 182. MATHEMATICS FOR ELEMENTARY TEACHERS II (3)

Concepts of mathematics presented in the elementary school. Probability, statistics, and algebra concepts including function with an emphasis on problem-solving techniques and reasoning. Counts as part of the basic requirements for elementary education majors only. Prerequisite: MH 181.

MH 183. MATHEMATICS FOR ELEMENTARY TEACHERS III (3)

Concepts of mathematics presented in the elementary school. Geometry and measurement concepts including terminology, coordinate geometry, two and three dimensional figures, linear and angular measurement skills, determining perimeter,
area, and volume. Counts as part of the basic requirements for elementary education majors only. **Prerequisite: MH 181.**

**MH 213. LINEAR ALGEBRA (3)**

Explores computational techniques and basic theory of linear algebra. Topics covered include matrices, determinants, real vector spaces, linear transformations, and eigenvalues. **Prerequisite: MH 122.**

**MH 223. MULTIVARIABLE CALCULUS (4)**

Vector calculus, parametric equations, polar and spherical coordinates, analytic geometry, differential calculus of functions of several variables, and multiple integration (including line integrals, Green’s Theorem, and Stoke’s Theorem). Problem solving techniques in engineering and science. Three lecture and two laboratory hours per week. **Prerequisite: “C” or higher in MH 122.**

**MH 224. APPLIED DIFFERENTIAL EQUATIONS (3)**

An introduction to differential equations covering techniques for solving first, second, and higher order equations using a variety of methods including series solutions, Laplace Transforms, and numerical methods. Strong emphasis on physical applications. **Prerequisite: MH 122.**

**MH 246. APPLIED STATISTICS IN SCIENCE (4)**

Introduction to basic statistical principles and their application in the sciences, especially the life sciences. Includes descriptive statistics, probability, simple hypothesis testing, binomial and Poisson distribution, analysis of variance, and regression and correlation. Three lecture and two laboratory hours per week. **Prerequisite: MH 113.**

**MH 266. BUSINESS CALCULUS (3)**

Differentiation and integration of algebraic, exponential, and logarithmic functions and applications to business and economics. Also includes functions of several variables, partial derivatives (including applications), Lagrange Multipliers, L’Hopital’s Rule, multiple integration (including applications). Three lecture hours per week. **Prerequisite: MH 113.**

**MH 300. INTRODUCTION TO ADVANCED MATHEMATICS (3)**

An introduction to the ideas and concepts that form the foundation for study in advanced mathematics including logic, sets, relations, functions, and cardinality. Strong emphasis placed on techniques of proof. **Prerequisite: MH 122.**

**MH 307. INDEPENDENT STUDY IN MATHEMATICS (1-4)**

Independent study in some area or areas of mathematics. Content and nature of the courses are determined by the individual needs and interests of the student. One to four semester hours per semester; may be repeated for a maximum of eight semester hours credit. **Prerequisite: MH 300.**

**MH 308. SEMINAR IN MATHEMATICS (1)**

Study of current problems and trends in mathematical sciences through literature review and oral presentation with emphasis on methods of literature search through use of databases. **Prerequisite: MH 300.**
MH 311.  MODERN ABSTRACT ALGEBRA (3)

Set theory and the theory of groups, rings, integral domains, and fields. Prerequisites: MH 122 and MH 300.

MH 332.  COLLEGE GEOMETRY (4)

Euclidean and non-Euclidean geometry, development and application of the axiomatic methods and computer usage in mathematics. Three lecture and two laboratory hours per week. Prerequisites: MH 121 and MH 300.

MH 341.  PROBABILITY AND STATISTICS (4)

Data analysis, probability distributions, sampling distributions, as a mathematical foundation for statistical methods including data representation and distribution of discrete and continuous random variables, and computer use in data analysis. Three lecture and two laboratory hours per week. Prerequisites: MH 122 and MH 300.

MH 389.  TUTORIAL PRACTICUM (1)

Upper-level students in mathematics, under the supervision of a mathematics instructor, work individually with college students lacking proficiency in basic mathematical skills. One semester hour per semester; may be repeated for a maximum of three semester hours credit; this course is not an approved elective for mathematics or mathematics/computer information systems majors. Prerequisite: “C” or higher in MH 121 and 122.

MH 405.  PROBLEM SOLVING IN MATHEMATICS (1)

This course focuses on problem solving techniques in a wide variety of areas of mathematics as well as oral and written communication of solutions. Topics include trigonometry, calculus, linear, and matrix algebra, and review for the MFAT and PRAXIS II Exams. May be repeated for a maximum of two semester hours credit. Prerequisite: MH 300.

MH 408.  SELECTED TOPICS IN MATHEMATICS (1-4)

Nature and content of the course are determined by the interests and needs of the students. Prerequisite: permission of the instructor and the Dean.

MH 422.  ANALYSIS (3)

Functions and sequences, limits of sequences, continuity, derivatives, indeterminate forms, and proofs for many classical theorems of calculus. Prerequisites: MH 122 and MH 300.

MH 424.  NUMERICAL ANALYSIS (4)

Theory, methods and applications of numerical analysis with frequent computer implementation. Solution of equations in one variable, interpolations and polynomial approximation, numerical differentiation and integration, and initial-value problems for ordinary differential equations. Three lecture and two laboratory hours per week. Prerequisites: MH 300, MH 224, and CS 300.

MH 432.  ADVANCED ANALYTIC GEOMETRY (4)

The use of construction with compass and straightedge, algebraic proofs and other techniques to instill an understanding of geometric concepts and relationships. A research paper is required. Three lecture and two laboratory hours per week. Prerequisite: MH 332 or permission of the Dean.
MH 450. LINEAR OPTIMIZATION (3)

This course introduces the student to optimization theory and its applications. Topics include formulation of linear programs, simplex methods and duality, sensitivity analysis, transportation and networks, and various geometric concepts. Prerequisite: MH 213.

MH 480. TECHNOLOGY FOR TEACHERS (4)

Introduces the high school mathematics teacher to the most modern technological methods of teaching mathematics available in high schools. Includes the use of manipulatives, the graphing calculator, and the computer as well as mathematical applications for each. Three lecture and two laboratory hours per week. Counts as a mathematics requirement for mathematics education students only. Prerequisite: MH 223.

MH 490. HISTORY OF MATHEMATICS (3)

Historical development of mathematical concepts and symbolism, evolution of modern mathematics from its motivational roots in the physical sciences, and lives and contributions of outstanding mathematicians, as well as topics related to contemporary mathematics. Prerequisites: MH 122 AND eight semester hours of mathematics beyond MH 121.

MH 493. LOGIC AND SET THEORY (3)

Provides a rigorous foundation in logic and elementary discrete mathematics to students of mathematics and computer science. Topics from logic include modeling English propositions, propositional calculus, quantification, and elementary predicate calculus. Additional mathematical topics include elements of set theory, mathematical induction, relations and functions, and elements of number theory. Prerequisite: MH 300.

MH 495. NUMBER THEORY (3)

Survey of the types of arguments to prove facts about divisibility of integers, prime numbers, and modular congruencies. Other topics, such as the Fermat theorem, Euler’s theorem, and the law of quadratic reciprocity, will be discussed. Prerequisite: MH 300.

MH 496. GRAPH THEORY AND APPLICATIONS (3)

Survey of several of the main ideas of general graph theory with applications to network theory. Topics include oriented and nonoriented linear graphs, spanning trees, branching and connectivity, accessibility, planar graphs, networks and flows, matchings, and applications. Prerequisites: MH 213 and MH 223.

MUSIC (MU)

MU 100. INTRODUCTION TO MUSIC (3)

Provides an opportunity to listen to representative examples of vocal and instrumental music with respect to function, medium, and style and to develop discrimination in listening to music.

MU 111. MUSIC FUNDAMENTALS/EAR TRAINING I (4)

Designed to familiarize the student with the rudiments of music theory, including notation, intervals, scales, key signatures, and rhythm signatures. Part writing with simple triads is introduced. Laboratory experience develops the student in ear training and rhythmic, harmonic, and melodic dictation.
MU 112. MUSIC FUNDAMENTALS/EAR TRAINING II (4)

A continuation of MU 111, with part writing continued through the use of inverted triads and seventh chords. **Prerequisite: MU 111.**

MU 140, 141, 142, 143, 144, 145, 146, 147, 148, 150, 151, 152, 153, 154, 155. *APPLIED MUSIC: PREPARATORY (1)*

Basic instruction for students choosing applied music as an elective or for music minors in a secondary medium of performance. One half-hour lesson and a minimum of five hours practice per week. **Prerequisite for MU 147: Permission of Instructor.**

MU 240, 241, 242, 243, 244, 245, 246, 247, 248, 250, 251, 252, 253, 254, 255. *APPLIED MUSIC: INTERMEDIATE (1)*

Private instruction of music students in their primary medium of performance. Students whose primary performance medium is voice are required to participate concurrently in MU 273 and/or MU 274. Students whose primary performance medium is a band instrument are required to participate concurrently in MU 271. Two half-hour lessons or one one-hour lesson and a minimum of ten hours practice per week. **Prerequisite for MU 247: permission of Instructor.**

MU 271. BAND (1)

The study and performance of standard band literature, including concert literature, big band literature, and some contemporary jazz-rock arrangements. A maximum of eight semester hours may be earned in this course. **Prerequisite: permission of the instructor.**

MU 272. JAZZ BAND (1)

The study and performance of traditional big band jazz literature and contemporary jazz-rock arrangements. A maximum of eight semester hours is permitted in this course. **Prerequisite: permission of the instructor.**

MU 273. CHOIR (1)

Technical preparation for the use of the singing voice in a choral ensemble, with frequent opportunities to appear in public performance. A maximum of eight semester hours credit is permitted in this course. **Prerequisite: permission of the instructor.**

MU 274. UWA SINGERS (1)

A small, select performance group of mixed voices, with frequent opportunities to appear in public performance. Music drawn from various types and periods, including Broadway, jazz, popular, and folk idioms. A maximum of eight semester hours is permitted in this course. **Prerequisite: permission of the instructor.**

MU 277, 278, 279, 280. ENSEMBLE LITERATURE CLASS (1)

Woodwind Ensemble, Brass Ensemble, Percussion Ensemble, and Guitar respectively. Designed for students interested in performing with a small group with emphasis upon creativity, musical growth, and repertoire. A maximum of eight semester hours is permitted in one of these courses.

*In all courses in applied music the second and third digit indicates the field of applied music as follows: -40, voice; -41, flute; -42, oboe; -43, clarinet; -44, bassoon; -45, saxophone; -46, piano; -47, organ; -48, guitar; -50, percussion; -51, trumpet; -52, horn; -53, baritone horn; -54, trombone; -55, tuba.*
MU 301. SURVEY OF MUSIC HISTORY (3)

Development of music from antiquity to the Romantic Period, with focus on the ways in which social, economic, political, and philosophical trends influenced this development. **Prerequisite: MU 100.**

MU 303. AMERICAN MUSIC (3)

Examination of the forms, genres and styles of music in American culture. **Prerequisite: MU 100.**

MU 304. WORLD MUSIC (3)

An introduction to the music of the world’s people focusing on the examination of culturally diverse musical styles in the context of daily life. **Prerequisite: MU 100.**

MU 305. INTRODUCTION TO JAZZ (3)

The evolution of jazz from 1920 to the present, with attention to the elements of jazz, combo jazz, big band jazz, and important soloists and arrangers. **Prerequisite: MU 100.**

MU 306. TWENTIETH-CENTURY MUSIC (3)

A survey of the important trends, forms, and styles of the music of the twentieth century. **Prerequisites: MU 100 and MU 112.**

MU 307. INDEPENDENT STUDY IN MUSIC (1-3)

These courses offer the qualified undergraduate an opportunity for independent study in some area of music. The specific content and nature of the courses are determined by the needs and interests of the student. Research papers and projects are required. A maximum of six semester hours credit is allowed in these courses. **Prerequisite: permission of the Dean.**

MU 308. SELECTED TOPICS IN MUSIC (1-3)

This course offers students an opportunity for critical readings, lectures, and discussions of selected topics not generally included in course offerings. The specific content and nature of the courses will be determined by the interests and needs of the students. **Prerequisite: permission of the Dean.**


These courses are a continuation of MU 240-255. Music students whose primary performance medium is voice are required to participate concurrently in MU 273 and/or 274. Students whose primary performance medium is a band instrument are required to participate concurrently in MU 271. **Prerequisites: the successful completion of the technical proficiency examination and piano proficiency examinations, or permission of the Dean. Two half-hour lessons or one one-hour lesson and a minimum of ten hours practice per week.**
NURSING (NS)

NS 100. DOSAGE CALCULATION FOR PROFESSIONAL NURSES (2)

This is an elective developmental course for students who lack adequate proficiency in the mathematical skills necessary for accurate medication dosage calculation. Computation skills required for successful completion of the pharmacology component of Nursing 102 are emphasized. Topics include conversion between various systems of measurement; use of fractions, decimals, and percentages; ratio-proportion, and calculation formulas. Prerequisites: eligibility for admission to the nursing program and a minimum grade of “C” in BY 231, EH 101, and PSY 100.

NS 101. INTRODUCTION TO NURSING (2)

Examines theories that serve as a framework for nursing practice, current and emerging role of nursing within the health care delivery system, ethical and legal aspects of nursing practice, current and future trends in nursing and health care, levels of nursing practice, communication and nursing process. Prerequisites: admission to the nursing program and a minimum grade of “C” in BY 231, EH 101, and PY 100.

NS 102. FOUNDATIONS OF NURSING PRACTICE I (6)

Expands the application of the nursing process as the foundation of nursing practice. Emphasizes theory and basic skills related to safety, mobility, physical assessment, elimination, and pharmacology. Prerequisites: NS 101 and a minimum grade of “C” in BY 232, PY 310, and BY 233.

NS 103. FOUNDATIONS OF NURSING PRACTICE II (6)

Expands use of the nursing process related to short-term crisis or chronic adult wellness stressors. Explores concepts and basic skills related to surgery, gerontology, gynecology, fluid and electrolytes, and the prenatal phase of pregnancy. Prerequisites: NS 102 and a minimum grade of “C” in BY 240 and EH 102.

NS 110. TEST TAKING STRATEGIES FOR NURSING STUDENTS (1)

This course is designed to help nursing students develop skills that maximize success on exams. Topics include critical thinking, time management, study techniques, test-taking skills and interpretation of National Council Licensure Examination (NCLEX) style questions.

NS 201. MATERNAL-CHILD NURSING (7)

This course explores the use of the nursing process to assist the individual in adapting to biopsychosocial disturbances that are short-term crisis or chronic in nature and the effects of these problems on the family. Concepts related to maternal-child nursing are emphasized. Prerequisite: NS 103 and a minimum grade of “C” in a fine art or a humanities elective as specified in the Division of Nursing Program of Study. Corequisite: NS 202.

NS 202. ADULT HEALTH NURSING (7)

This course explores the use of the nursing process to assist the individual in adapting to biopsychosocial disturbances that are short-term crisis or chronic in nature and the effects of these problems on the family. Concepts related to adult health nursing are emphasized. Prerequisite: NS 103 and a minimum grade of “C” in a fine art or a humanities elective as specified in the Division of Nursing Program of Study. Corequisite: NS 201.
NS 203. MENTAL HEALTH NURSING (5)

Emphasis in this course is upon use of the nursing process in assisting clients with psychosocial disturbances which disrupt functioning of family systems. Concepts related to mental health nursing explored. Prerequisite: NS 201 and 202. Corequisite: NS 204.

NS 204. ADVANCED ADULT AND CRITICAL CARE NURSING (9)

Emphasis in this course is upon use of the nursing process in promoting adaptation of the client with complex, life-threatening biopsychosocial disturbances which disrupt functioning of family systems. Concepts related to adult health and critical care nursing are explored. This course also examines concepts of collaboration among members of the health team in planning and implementing health care directed toward maintaining maximum adaptation. Prerequisites: NS 201 and 202. Corequisite: NS 203.

NS 205. PREPARATION FOR LICENSURE (1)

Assists the nursing student to prepare for the RN licensure examination (NCLEX-RN) by using individual, group and technology-based methods to facilitate critical thinking and maximize learning. Corequisites: NS 203 and NS 204.

PHILOSOPHY (PL)

PL 100. AN INTRODUCTION TO PHILOSOPHY: HUMANS AND SOCIETY (3)

The major philosophical ideas underlying humanity’s understanding of itself, its civilization, and its values.

PL 204. MEDICAL ETHICS (3)

An introduction to medical ethics in which basic ethical systems and principles of ethical reasoning will be explored in the context of medical situations.

PHYSICAL EDUCATION (PE)

PE 100. TENNIS (1)

Fundamental skills, strategies, scoring and rules of the game

PE 101. BADMINTON (1)

Fundamental skills, strategies, scoring and rules of the game

PE 102. PICKELBALL (1)

Fundamental skills, strategies, scoring and rules of the game

PE 103. RACQUETBALL (1)

Fundamental skills, strategies, scoring and rules of the game

PE 106. GOLF (1)

Fundamental skills, strategies, scoring and rules of the game
PHYSICAL EDUCATION

PE 107.  HIKING AND CAMPING (1)
   Development of techniques and skills, physical fitness, trail craft and camping activities. Camping excursion required.

PE 108.  ARCHERY (1)
   Fundamental skills, strategies, scoring and rules of the game.

PE 109.  FISHING (1)
   Fundamental techniques of fresh water fishing.

PE 111.  WALKING (1)
   Development of techniques and skills, circulatory-respiratory endurance, and physical fitness.

PE 112.  JOGGING (1)
   Development of techniques and skills, circulatory-respiratory endurance, and physical fitness.

PE 113.  AEROBICS (1)
   Low-impact exercises and performance of aerobic activities.

PE 116.  WEIGHT TRAINING (1)
   Fundamental resistance training activities primarily through the use of free weights.

PE 121.  COED BASKETBALL (1)
   Theory, techniques, and rules of officiating the game.

PE 122.  SOFTBALL (1)
   Fundamental techniques and an opportunity for team participation.

PE 123.  FLAG FOOTBALL (1)
   Fundamental techniques and an opportunity for team participation.

PE 124.  VOLLEYBALL (1)
   Fundamental techniques and an opportunity for team participation.

PE 125.  TEAM HANDBALL (1)
   Fundamental techniques and an opportunity for team participation.

PE 126.  SOCCER (1)
   Fundamental techniques and an opportunity for team participation.

PE 130.  SCUBA DIVING I (2)
   Designed to provide the entry level training necessary for certification as an Open Water SCUBA Diver. Equipment assembly and usage, basic diving skills, emergency procedures, proficiency in dive planning and documentation through the use of RDP tables along with use of dive computers will be covered. Introduction to advanced
diving environments, underwater navigation, an introduction to dive physiology and
dive related illnesses will be reviewed. Training dives will be conducted in multiple
environments. Course Fee: $250.

PE 131. SCUBA DIVING II (2)
Advanced dive training for the basic certified diver. More thorough instruction
in underwater navigation, multilevel and computer diving, basic equipment repair
and maintenance along with training in deep and night diving will be conducted. An
in-depth review of dive physiology and decompression theory, search and recovery,
wreck diving, dive operations from watercraft long with Enriched Air (EAN) usage
will also be covered. Course Fee: $250. Prerequisite: PE 130 or permission of the
instructor.

PE 200. FOUNDATIONS OF PHYSICAL EDUCATION (3)
An introduction to the profession includes theories of education and learning; educa-
tion requirements for various certifications, both in teaching, exercise science and
sport management; historical development of physical education; professional orga-
nizations and career opportunities. The student will develop a personal philosophy
and set career goals. (For teaching certification and sport management emphasis)

PE 202. RACQUET AND PADDLE SPORTS (2)
Theory of and participation in tennis, badminton, pickle-ball and racquetball.

PE 203. RECREATIONAL ACTIVITIES (2)
Theory of and participation in golf and archery.

PE 204. INDOOR TEAM SPORTS (2)
Theory of and participation in basketball, volleyball, and team handball.

PE 205. OUTDOOR TEAM SPORTS (2)
Theory of and participation in football, soccer, softball/baseball.

PE 240. FOUNDATIONS OF EXERCISE SCIENCE (3)
An introduction to the field of exercise science. Exploration of career options, pro-
essional organizations, and certification programs within exercise science. Includes
a basic survey of exercise physiology, nutrition, health-related fitness, performance-
related fitness, sports medicine, biomechanics, sports psychology, motor learning and
motor development. (For PE majors with Exercise Science Emphasis)

PE 241. STRENGTH, SPEED, AND POWER TRAINING (2)
Theory and basis in strength, speed, and power training program design.

PE 242. FLEXIBILITY (2)
Theory and basis in flexibility training program design.

PE 246. ENDURANCE TRAINING (2)
Theory and basis in muscular and cardiorespiratory endurance training program
design.
PE 250. FIRST AID AND CPR PROFESSIONAL RESCUER-AED (1)

Study of first aid, safety, and CPR for the professional rescuer. The student will take the ARC certifying exams in Community FA and CPR Professional Rescuer-AED.

PE 251. CONCEPTS OF HEALTH, WELLNESS, AND FITNESS (3)

Study of basic concepts of health, wellness and physical fitness including principles of endurance, strength, flexibility and cardiorespiratory/vascular training, stress management and lifetime fitness needs. The student will develop a personal plan for lifetime fitness and wellness.

PE 252. LIFEGUARD TRAINING (1)

Provides an opportunity to master the swimming skills and knowledge designed to save a person’s life in the event of an emergency. The successful student will receive American Red Cross certificates in Lifeguard Training, CPR for the Professional Rescuer, and Automated External Defibrillator. *Prerequisite: ability to swim 500 yards.*

PE 280. TEACHING, COACHING AND OFFICIATING TRADITIONAL TEAM SPORTS (3)

Rules, strategies, and skill techniques in traditional team sports.

PE 281. TEACHING, COACHING AND OFFICIATING INDIVIDUAL AND NON-TRADITIONAL TEAM SPORTS (3)

Rules, strategies, and skill techniques in individual and non-traditional team sports.

PE 321. TEACHING ELEMENTARY GAMES AND ACTIVITIES (3)

Methods and materials for teaching P-8 activities with special emphasis in tumbling and rhythms.

PE 323. ADAPTED PHYSICAL EDUCATION (3)

Exploration of characteristics, needs and developmental problems integrated with adaptive and corrective and developmental skill acquisition for the exceptional child. The student will be able to identify, assess, evaluate and monitor needs areas of the physically challenged.

PE 324. METHODS OF TEACHING PHYSICAL EDUCATION (3)

Develops competencies in methods of Teaching Physical Education. Includes instructional strategies, diagnosing learning difficulties, evaluation of pupil performance and classroom management. Lesson plans and unit plans are essential parts of this course.

PE 336. SPORT MANAGEMENT SEMINAR (1)

Weekly seminar on sport management news.

PE 345. MOTOR LEARNING AND MOTOR DEVELOPMENT (3)

Concepts and process of lifetime motor skill acquisition and the variables that influence motor learning and performance. The student will be able to recognize motor development stages and apply concepts of motor learning in teaching motor skills. *Prerequisite: BY 231.*
PE 373. INTRODUCTION TO ATHLETIC TRAINING (3)

Overview of athletic training profession with emphasis on the basic fundamentals utilized by the athletic trainer in prevention, recognition, care, treatment, and rehabilitation of injuries. Prerequisite: PE 250.

PE 397. INDEPENDENT STUDY IN PHYSICAL EDUCATION (1-3)

Offers the qualified undergraduate student an opportunity for independent study in physical education. Specific content and nature of courses are determined by student needs and interests. Research papers required. One to three semester hours per semester, may be repeated for a maximum of six semester hours. Prerequisite: permission of the Dean.

PE 403. PHYSICAL EDUCATION WORKSHOP (1-3)

Practical needs workshop on current topic. Lecture and performance oriented. Specific content and nature of course are determined by student needs. May be repeated for maximum of six semester hours.

PE 409. PRACTICUM (DESIGNED FOR NON-TEACHING MAJORS) (3)

Assignment to an appropriate professional setting. Contact hours to integrate with major and minor emphasis. Will include participation, a journal, and supervision of advisor. May be repeated for 6 semester hours.

PE 410. PROTECTIVE TECHNIQUES FOR INJURIES (3)

Taping and wrapping techniques used in athletic training including instruction in fabricating and applying protective equipment, pads, splints, and supports. Hands-on practical experience emphasized in laboratory sessions. Projects required.

PE 421. TESTING IN HUMAN PERFORMANCE (3)

Basic principles of descriptive and inferential statistics used in human performance testing and research.

PE 432. ORGANIZATION AND ADMINISTRATION IN HUMAN PERFORMANCE (3)

Concepts used in organization and administration of human performance programs. Management of personnel, equipment, supplies, facilities, finances, and records will be topics of discussion/lecture. Professional development and legal liability will also be addressed.

PE 433. ATHLETIC ADMINISTRATION SEMINAR (3)

Assist athletic directors and coaches in meeting increasing responsibilities of modern school athletic programs. Topics include problems in organizing and directing boys’ and girls’ (men’s and women’s) athletic programs. All levels of educational structure are considered.

PE 434. SPORT AND EXERCISE LAW (3)

Legal aspects of sports activities and human performance.

PE 439. SPORT MANAGEMENT INTERNSHIP (12)

Fifteen-week field experience in an approved public or private setting engaging in the management, marketing, or communication of sporting activities.
PE 442.  SPORT AND EXERCISE NUTRITION (3)

The role of diet in human performance. Prerequisite: BY 231.

PE 443.  KINESIOLOGY (3)

Mechanical principles of body movements involved in various motor skills. Prerequisite: BY 231.

PE 444.  EXERCISE PHYSIOLOGY (3)

Human adaptation to exercise and training. Prerequisite: BY 231.

PE 445.  EXERCISE PHYSIOLOGY LAB (1)

Designed for Exercise Science Emphasis. Lab experience in spirometry, VO2 sub maximal and maximal testing with the bicycle ergometer, field testing VO2, strength testing, power testing, blood pressure testing, muscular endurance testing, lactate testing, nutritional assessment, EKG testing, and blood sugar testing.

PE 446.  BIOMECHANICS OF HUMAN MOVEMENT (3)

Biomechanical concepts critical to assessment, description, and qualitative analysis of human movement in exercise, sport, and locomotive activities are studied. Prerequisite: PE 443.

PE 449.  EXERCISE SCIENCE INTERNSHIP (12)

Fifteen-week field experience in an approved clinical, corporate, public, military, or commercial physical fitness facility/program.

PE 451.  FITNESS AND WELLNESS PROGRAMMING (3)

Fitness testing and exercise prescription.

PE 465.  PSYCHOLOGY AND SOCIOLOGY OF HUMAN PERFORMANCE (3)

Psychological and sociological aspects of human performance.

PE 470.  DEVELOPMENT OF STRENGTH AND CONDITIONING PROGRAMS (3)

The development and administration of strength, endurance, flexibility, speed, and agility programs.

PE 475.  EMERGENCY TREATMENT OF ATHLETIC INJURIES (1-3)

Current methods of emergency medical treatment of athletic injuries, proper recognition, management, and transportation of acute athletic injuries and illnesses. Course may be taken or repeated for a maximum of 3 semester hours credit.

PE 476.  SPORTS MEDICINE SEMINAR AND WORKSHOP (1-3)

Current knowledge, philosophies, and trends in sports medicine and athletic training. Prevention, recognition, treatment, and rehabilitation of common athletic injuries/illnesses. Presentations and some experience in taping and evaluation provided. Course may be repeated for a maximum of six semester hours.

PE 498.  SELECTED TOPICS IN PHYSICAL EDUCATION (1-3)

Critical readings, lectures, discussion, and laboratory experiences in physical education. Specific content and nature of courses are determined by student needs and
interests. Research paper required. May be repeated for a maximum of six semester hours credit. *Prerequisite: permission of the Dean.*

**PHYSICS (PH)**

**PH 100. SURVEY OF PHYSICS (4)**

History and philosophy of science and a study of the principles of physics as they relate to our daily lives. Credit is not allowed if the student has previous credit in general physics. Three lecture and two laboratory hours per week.

**PH 190. ASTRONOMY (4)**

Principles of modern astronomy, history of astronomical thought, survey of current knowledge about the cosmos, techniques of experimental astronomy, and the physical principles governing these processes. Three lecture and two laboratory hours per week.

**PH 201. COLLEGE PHYSICS I (4)**

Non-calculus-based introduction to Newtonian mechanics, energy, and thermodynamics. Three lecture and two laboratory hours per week. *Prerequisite: MH 113 or higher.*

**PH 202. COLLEGE PHYSICS II (4)**

Non-calculus-based introduction to electricity and magnetism, wave motion, and optics. Three lecture and two laboratory hours per week. *Prerequisite: PH 201.*

**PH 211. TECHNICAL PHYSICS I (4)**

A calculus-based study of Newtonian mechanics, energy, and thermodynamics. Three lecture and two laboratory hours per week. *Prerequisite: MH 121, or permission of the Dean.*

**PH 212. TECHNICAL PHYSICS II (4)**

A calculus-based study of electricity and magnetism, wave motion, and optics. Three lecture and two laboratory hours per week. *Prerequisites: PH 211 and MH 122.*

**PH 289. LABORATORY PRACTICUM (1)**

Provides an introduction to planning, preparation, teaching, and evaluation of laboratory activities. Emphasis on use of laboratory equipment, setup of demonstrations/experiments, and teaching resources. Two contact hours per week. *Prerequisites: PH 202 or higher and permission of the instructor or the Dean.*

**PH 307. INDEPENDENT STUDY IN PHYSICS (1-6)**

Independent study in physics. Content and nature of the courses are determined by the individual needs and interest of the student. One or more research projects and papers are required. One to three semester hours per term, may be repeated for a maximum of six hours credit. *Prerequisites: permission of the instructor and the Dean.*
PH 408. SELECTED TOPICS IN PHYSICS (1-4)

Nature and content of the course are determined by the interests and needs of the student. May be repeated for a maximum of eight hours. Prerequisites: permission of the instructor and the Dean.

POLITICAL SCIENCE (PS)

PS 110. AMERICAN GOVERNMENT (3)

Origins, structure, power, and functions of the federal system of government in the United States.

PS 307. INDEPENDENT STUDY IN POLITICAL SCIENCE (3)

These courses offer the qualified undergraduate student an opportunity for independent study in some area or areas of political science. The specific content of the course is determined by the individual needs and interests of the student. Research projects and papers are required. A maximum of six hours credit is allowed in these courses. Prerequisite: permission of the Dean.

PS 308. SELECTED TOPICS IN POLITICAL SCIENCE (3)

Offers qualified undergraduate students an opportunity for critical readings, lectures, and discussions of selected topics not generally included in course offerings. The specific content and nature of the topics are determined by the interests and needs of the student. Prerequisite: permission of the Dean.

PS 310. STATE AND LOCAL GOVERNMENT (3)

Structure and functions of state and local governments in the United States, with special emphasis on Alabama. Prerequisite: PS 110.

PS 311. THE EXECUTIVE (3)

Analysis of the growth, functions, and theories of the Presidency, with particular emphasis on current problems. Prerequisite: PS 110.

PS 312. THE CONGRESS (3)

Emphasis on Congress’ theoretical role, internal operation, roles, and behavior, and on the relation between Congress and the other branches of government. Prerequisite: PS 110.

PS 313. INTRODUCTION TO LAW (3)

Origins, nature of law, America legal system and the debate between judicial restraint and judicial activism. Prerequisite: PS 110.

PS 316. PUBLIC ADMINISTRATION (3)

An introduction to the theories and practices which underlie American bureaucracy. Prerequisite: PS 110.

PS 321. CONSTITUTIONAL LAW (3)

Emphasis on the changes in cases in commerce and individual rights. Prerequisite: PS 110.
PS 330. COMPARATIVE GOVERNMENT (3)
Theory behind the comparative study of the world’s governments. Prerequisite: PS 110.

PY 335. COMPARATIVE PSYCHOLOGY (3)
A survey of the behaviors that have evolved to solve problems common to all species and the genetic and environmental determinants of those behaviors. Prerequisite: PY 100.

PS 340. INTERNATIONAL RELATIONS (3)
Major countries, war, peace, power, foreign policy, and international organizations. Prerequisite: PS 110.

PS 351. POLITICAL PHILOSOPHY (3)
Political philosophy from Plato through the Middle Ages. Prerequisite: PS 110.

PS 352. POLITICAL THEORY (3)
Modern political theory from the seventeenth century to modern times. Prerequisite: PS 110.

PS 353. AMERICAN POLITICAL THOUGHT (3)
Emphasis on the theoretical background to the founding and current operation of the American Government. Prerequisite: PS 110.

PS 360. METHODS OF SOCIAL RESEARCH (3)
An introduction to research methodology in the social sciences. Logic of research, sampling, techniques of data collection and analysis are discussed. Prerequisite: at least nine semester hours of political science.

PS 370. STATISTICS FOR THE SOCIAL SCIENCES (3)
Basic statistical methods for analyzing data in the social sciences. Emphasis on describing distributions, sampling, measures of association, and hypothesis testing. Prerequisite: MH 105 or 112.

PS 488. FIELD EXPERIENCE IN SOCIAL SCIENCE TEACHING (3)
Students are required to work directly with a professor teaching PS 110. Prerequisite: senior standing or permission of the Dean.

PS 110 IS A PREREQUISITE FOR ALL OTHER POLITICAL SCIENCE COURSES.

PSYCHOLOGY (PY)

PY 100. GENERAL PSYCHOLOGY (3)
Introduction to the study of behavior and mental processes.

PY 200. HISTORY AND SYSTEMS (3)
Examination of the historical evolution of modern psychology and the resulting conceptual systems. Prerequisite: PY 100.
PY 300. EXPERIMENTAL PSYCHOLOGY (3)

Introduction to basics of experimental design and analysis. Prerequisites: PY 100 & PY 200.

PY 310. DEVELOPMENTAL PSYCHOLOGY (3)

Examination of the process of human development throughout the entire life-span. Prerequisite: PY 100.

PY 320. ABNORMAL PSYCHOLOGY (3)

Examination of historical trends, methods of treatment, and the dynamics of mental disorders. Prerequisite: PY 100.

PY 325. PHYSIOLOGICAL PSYCHOLOGY (3)

Analysis of the structure and function of the brain and nervous system. Prerequisites: PY 100, BY 101, and BY 102.

PY 330. SOCIAL PSYCHOLOGY (3)

Examination of the theories of human behavior in various social contexts. Prerequisite: PY 100.

PY 340. SENSATION AND PERCEPTION (3)

A study of the anatomical and functional characteristics of the sensory systems. Prerequisite: PY 100.

PY 350. COGNITIVE PSYCHOLOGY (3)

A study of the mental representations used by the brain and the processes involved in manipulating those representations. Prerequisite: PY 100.

PY 355. LEARNING AND MOTIVATION (3)

Analysis of theoretical positions, with an emphasis on basic principles of learning. Prerequisite: PY 100.

PY 370. STATISTICS FOR THE SOCIAL SCIENCES (3)

Basic statistical methods for analyzing data in the social sciences. Emphasis on describing distributions, sampling, measures of association and hypothesis testing. Prerequisite: MH 113.

PY 407. INDEPENDENT STUDY (1-3)

Offers the undergraduate student an opportunity for independent study in some area or areas of psychology. The specific content and nature of the courses are determined by the individual needs and interests of the student. Research projects and papers are required. A maximum of six semester hours credit is allowed in these courses. Prerequisite: permission of the Dean.

PY 408. SELECTED TOPICS (1-3)

Offers qualified undergraduate students an opportunity for critical readings, lectures, and discussions of selected topics not generally included in course offerings. This course may be repeated for a maximum of six semester hours. Prerequisite: permission of the Dean.
PY 420.  CLINICAL PSYCHOLOGY (3)

Introduction to clinical interview techniques, case studies, clinical testing, and psychotherapy. Prerequisites: PY 320 and senior standing.

PY 425.  PERSONALITY ASSESSMENT (3)

Introduction to the theory and utilization of various assessment techniques in the analysis of personality. Prerequisites: PY 460 and senior standing.

PY 428.  HEALTH PSYCHOLOGY (3)

Introduction to the study of the interface between psychology and medicine. Prerequisites: BY 102 and 222 and twelve semester hours in psychology.

PY 436.  PSYCHOLOGY OF WOMEN (3)

This course will examine what it means to be female in our society and globally. Prerequisite: PY 100.

PY 450.  THEORIES OF PERSONALITY (3)

Comparative examination of representative theoretical approaches to the nature, determinants, and dynamics of personality structure. Prerequisite: PY 100.

PY 460.  PSYCHOLOGICAL TESTS AND MEASUREMENTS (3)

Examination of characteristics, interpretations, uses and misuses of standardized psychological tests. Prerequisite: twelve semester hours in psychology.

PY 480.  PSYCHOLOGY SEMINAR (3)

Students conduct independent research on a selected topic of current interest in the field of psychology based on a review of the literature and present the results of the study to their peers. APA style required. Prerequisites: a minimum of fifteen semester hours in psychology.

PY 488.  FIELD EXPERIENCE IN SOCIAL SCIENCE TEACHING (3)

Students are required to work directly with a professor teaching PY 100. Prerequisite: senior standing or permission of the Dean.

PY 490.  PSYCHOLOGY RESEARCH PROJECT (3)

An independent research project involving the collection and analysis of data and a paper written in APA style. Designed primarily for students seeking admission to a graduate program in psychology. Prerequisites: PY 300, minimum of fifteen semester hours in psychology and permission of Chairperson.

PY 499.  PSYCHOLOGY PRACTICUM (3)

Students will work 90 hours under a qualified professional in a mental health (or related) facility. A UWA faculty member provides coordination and supervision of the practicum experience. A written evaluation by the supervisor at the facility, the student’s own report of the experience and the faculty coordinator’s evaluation, together with any other requirements set by the coordinator, provide the basis on which a grade is assigned. This course may be repeated for a maximum of six semester hours. Prerequisites: at least forty-five semester hours credit, with at least six semester hours in psychology courses, including PY 320, and permission of the Chairperson.
SOCIAL WORK (SW)

SW 300. INTRODUCTION TO SOCIAL WORK (3)
Survey of fundamental concepts of social work with emphasis on fields of practice, history, and current status of social work. Prerequisites: SY 100 and at least 6 additional semester hours of sociology.

SW 331. SOCIAL WELFARE POLICY I (3)
A study of the origin and development of social welfare policy as the foundation for the provision of social welfare. Prerequisite: SW 300.

SW 332. SOCIAL WELFARE POLICY II (3)
An analysis and evaluation of social welfare policies as institutional responses to social and economic injustice as well as social problems. Prerequisite: SW 331.

SW 390. SOCIAL WORK METHODS (3)
Survey of models of social work practice, ethics and basic helping skills. Interviewing, case recording, and problem solving skills will be emphasized. Prerequisite: SW 300.

SW 455. HUMAN BEHAVIOR AND SOCIAL ENVIRONMENT (3)
A theoretical examination of human behavior from conception to old age and its relationship to social systems. Prerequisite: SW 300.

SW 499. FIELD PRACTICUM (3)
Internship in a social service agency for 12 hours per week of supervised practice, accompanied by a seminar. This course may be repeated for a maximum of six semester hours. Prerequisite: at least 60 semester hours credit, including SW 390.

SOCIOLOGY (SY)

SY 100. PRINCIPLES OF SOCIOLOGY (3)
Basic concepts, methods and theory of sociological analysis. Examination of social structure, groups, culture, socialization, deviant behavior, stratification, race relations, population.

SY 110. SOCIAL PROBLEMS (3)
Analysis of problems of crime, drug abuse, sexual deviance, family disruption, inequality, population. Emphasis on causes, consequences, and solutions.

SY 300. SOCIAL STRUCTURE AND PERSONALITY (3)
The socio-culture basis of personality development and the analysis of the impact of social structure, social interaction on the genesis and the functioning of the self. Prerequisite: SY 100.

SY 307. INDEPENDENT STUDY IN SOCIOLOGY (1-3)
Independent study in some area or areas of sociology with the specific content and nature of the course determined by the individual needs and interests of the student.
Maximum accumulated credit: six semester hours. \textit{Prerequisite: permission of the Dean.}

\section*{SY 308. SELECTED TOPICS IN SOCIOLOGY (1-3)}

Critical readings, lectures, and discussions of selected topics not generally included in course offerings. Course content and format determined by student needs and interests. Maximum accumulated credit: six semester hours. \textit{Prerequisite: permission of the Dean.}

\section*{SY 311. SOCIOLOGY OF AGING (3)}

Analysis of the aging process experience as it is influenced by social and demographic factors, as well as the medical, social, and psychological consequences of aging, treatment, and leisure. \textit{Prerequisite: SY 100.}

\section*{SY 312. MINORITY RELATIONS (3)}

Analysis of minority relations in the United States and throughout the world, emphasizing factors producing changes taking place at the present time. \textit{Prerequisite: SY 100.}

\section*{SY 314. SOCIAL STRATIFICATION (3)}

Analysis of social status systems, including class, caste, and estate. Emphasis on American class structure, life-style differences, and social mobility. \textit{Prerequisite: SY 100.}

\section*{SY 321. SOCIAL ORGANIZATION (3)}

Current and past analysis of the major institutions in the United States, i.e., government, religion, economics, recreation, education, and the family. \textit{Prerequisite: SY 100.}

\section*{SY 322. THE COMMUNITY (3)}

Analysis of the community as a social system, including surveying the institutions, organizations, and agencies found in modern communities along with focusing on problems, forces and conditions involved in the trend toward overall planning. \textit{Prerequisite: SY 100.}

\section*{SY 326. SOCIOLOGY OF GENDER (3)}

Analysis of social construction, maintenance, and changes of gender roles in contemporary society, including the impact on education, economy, family, and the criminal justice system. \textit{Prerequisite: SY 100.}

\section*{SY 335. SOCIOLOGY OF WORK (3)}

Analysis of human relations in industrial society, including examining occupations, professions, and work with special attention given to human relations in industrial plants and other work situations. \textit{Prerequisite: SY 100.}

\section*{SY 336. MARRIAGE AND THE FAMILY (3)}

The study of marriage and family relations, including the social function of the family and the social changes affecting family structure and functions. \textit{Prerequisite: SY 100.}
**SY 340. POPULATION (3)**

Analysis of population size, composition, and distribution. Examination of demographic data sources, as well as population trends, theory, and problems. Prerequisite: SY 100.

**SY 350. MODERN SOCIOLOGICAL THEORY (3)**

Analysis of the development of sociological theory with emphasis on major lines of development in modern theory. Prerequisites: SY 100 and at least six additional semester hours of sociology.

**SY 360. METHODS OF SOCIAL RESEARCH (3)**

An introduction to research methodology in the social sciences. Logic of research, sampling, techniques of data collection and analysis are discussed. Prerequisite: at least nine semester hours of sociology.

**SY 370. STATISTICS FOR THE SOCIAL SCIENCES (3)**

Basic statistical methods for analyzing data in the social sciences. Emphasis on describing distributions, sampling, measures of association, and hypothesis testing. Prerequisites: MH 113 and (for SY majors and minors only) SY 360.

**SY 381. INTRODUCTION TO CRIMINOLOGY (3)**

Significance of the crime problem, sources of existing crime statistics, theories of criminal behavior, types of crime, and elements of criminal law. Prerequisite: SY 100.

**SY 382. THE CRIMINAL JUSTICE SYSTEM (3)**

Examination of formal processes and agencies established to treat criminal offenders. Role of the police, criminal court process, sentencing, and corrections are discussed. Prerequisite: SY 100.

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**SPANISH (SP)**

**SP 101. INTRODUCTORY SPANISH I (3)**

Basic reading, writing, oral comprehension, and speaking skills. Designed for students with no prior Spanish or only one year of high-school Spanish.

**SP 102. INTRODUCTORY SPANISH II (3)**

A continuation of SP 101. Prerequisite: SP 101 or equivalent or permission of the Department.

**SP 129. SPANISH FOR EDUCATORS (3)**

Instruction and practice in Spanish phrases needed by school teachers, as well as basic Hispanic cultural background important to educators.

**SP 201. INTERMEDIATE SPANISH I (3)**

Further training in the four language skills. Students with previous language training will be placed at appropriate level. Prerequisite: SP 102 or equivalent or permission of the Department.
SP 202.  INTERMEDIATE SPANISH II (3)

A continuation of SP 201. Prerequisite: SP 201 or equivalent or permission of the Department.

SP 229.  SPANISH FOR MEDICAL PERSONNEL (2)

No prior Spanish needed. Instruction and practice in Spanish phrases needed by medical personnel, as well as basic Hispanic cultural background important for health-care professionals.

SP 310.  READINGS IN SPANISH LITERATURE (1-3)

Selected readings in Spanish drama, fiction, and lyric poetry. Prerequisite: permission of Department.

SPECIAL EDUCATION (SE)

SE 301.  INTRODUCTION TO COLLABORATIVE TEACHING IN SPECIAL EDUCATION (3)

This course provides an overview of the theory and methodology used by special educators when teaching special needs students.

SE 303.  BEHAVIOR MANAGEMENT IN THE CLASSROOM (3)

This course is designed to provide career and future teachers with the classroom management theories, techniques, trends and skills necessary to help the teacher effectively deal with a broad range of behavior problems that may be encountered in the classroom.

SE 305.  COMMUNICATION SKILLS FOR EXCEPTIONAL LEARNERS (3)

This course focuses on assessment and remediation procedures for language arts skills and methods to augment verbal and nonverbal communication skills, including the utilization of assistive technology. Prerequisites: SE 300 or 301.

SE 397.  INDEPENDENT STUDY IN SPECIAL EDUCATION (1-3)

Offers the qualified undergraduate student an opportunity for independent study in special education. Specific content and nature of courses are determined by the student needs and interests. Research papers required. One to three semester hours per semester, may be repeated for a maximum of eight semester hours. Prerequisite: permission of the Dean.

SE 400.  INTRODUCTION TO SPECIAL EDUCATION (3)

Introduction to programs and problems of children and youth who deviate from the average in physical, mental, emotional, and social characteristics. Prerequisite: Admission to TEP with the exception of Special Education majors.

SE 401.  ASSESSMENT AND DIAGNOSIS IN SPECIAL EDUCATION (3)

The focus of this course is on diagnosis, assessment, and interpretation as critical components of the decision-making process relative to what constitutes an appropriate educational program for individuals with disabilities. Prerequisite: SE 400.
SE 402. EDUCATIONAL PROGRAMMING FOR LOW INCIDENCE DISABILITIES (3)

This course focuses on educational programming, assistive technology, and school health procedures that have been determined relevant for students with moderate or severe disabilities. Prerequisite: SE 400 or SE 301.

SE 405. TEACHERS AND THE LAW (3)

This course is designed to provide students with the knowledge needed to prepare them for the role of the teacher as a professional in the field. The topics covered include law, ethics, advocacy and professional skills. Corequisite: SE 451 or 452.

SE 451. METHODS FOR TEACHING SPECIAL EDUCATION K-6 (3)

This course provides students with teaching methodology for students in grades K-6. It includes curriculum modification, transition planning and collaboration.

SE 452. TRANSITION PLANNING (3)

This course provides students with teaching methodologies for students. It includes curriculum modification, transition planning and collaboration. Prerequisite: admission to Teacher Education.

SE 498. SELECTED TOPICS IN SPECIAL EDUCATION (1-3)

Critical readings, lectures, discussion, and laboratory experiences in special education not generally included in course offerings. Specific content and nature of the course determined by the student needs and interests. May be repeated for a maximum of six semester hours credit. Prerequisite: permission of the Dean.

SPEECH (SH)

SH 100. PRINCIPLES OF PUBLIC SPEAKING (3)

Instruction and practice in the techniques of effective public speaking.

SH 150. PROFESSIONAL SPEAKING (3)

General principles of oral communication in classroom and other professional situations, including voice production and enunciation, organization of information, and types of presentations.

SH 310. ORAL INTERPRETATION (2)

Analysis, interpretation, and oral presentation of prose, poetry, drama, and public speech before various types of audiences and microphone.

SH 330. INTERPERSONAL COMMUNICATION (3)

Examination of basic components of dyadic communication including listening, conflict management, perceptions, ethics, and overall effectiveness in interpersonal communication. Prerequisite: SH 100 or 150.

SH 350. PRINCIPLES OF PERSUASION (3)

Advanced practice in argumentation and an introduction to the principles of persuasion with an emphasis on contrasting public speaking to mass media. Prerequisite: SH 100 or 150.
SH 397. INDEPENDENT STUDY IN SPEECH (1-3)

Independent study in speech communication. Specific content and nature of course dependent on individual needs and interests of student. Maximum six semester hours credit allowed. Prerequisite: permission of the Dean.

SH 498. SELECTED TOPICS IN SPEECH (1-3)

Readings, lectures, discussions, and/or internship activities related to topics not generally included in course offerings. Course content and format determined by student needs and interests. Maximum six semester hours of credit allowed. Prerequisite: permission of the Dean.

TECHNOLOGY (TY)

TY 211. TOTAL PRODUCTIVE MAINTENANCE AND MECHANICAL SYSTEMS (3)

A study of mechanical systems used in industry such as couplings, bearings, and lubricants, which enables industrial equipment to run at a high rate of efficiency and longevity. This course includes concepts and practices of total productive maintenance.

TY 231. BASIC BLUEPRINT READING AND DRAFTING (3)

The application of basic blueprint reading-drafting techniques and procedures.

TY 233. NETWORK ESSENTIALS (3)

An introductory hands-on course which provides the foundation in the basic principles essential to understanding the technologies of network design and network cabling.

TY 241. FLUID POWER (3)

Basic laws, principles, and components found in a fluid power system used in industry.

TY 242. ELECTRICITY/ELECTRONICS I (3)

Instruction in basic electrical/electronic principles related to AC/DC theory and methods of applying this knowledge to various circuits as used by industry.

TY 243. ELECTRICITY/ELECTRONICS II (3)

Instruction in the area of discrete semi-conductors, amplifiers, power supplies and digital electronics. Prerequisite: TY 242.

TY 244. ELECTRICAL MOTOR CONTROLS (3)

A study of theory and operation of electric motor controllers as used by industry. Prerequisite: TY 242.

TY 245. ELECTROMECHANICAL CONTROLS (3)

This course will provide an understanding of basic and advanced electrical controls used to operate industrial control systems and processes. Prerequisite: TY 244.
TY 246.  PROGRAMMABLE LOGIC CONTROLS (3)

The structure of PLC’s, operational principles, capabilities, limitations, input/output devices, symbols, and functions including principles and operating characteristics of various instruments and process controls used by industry. Prerequisite: TY 242.

TY 251.  WORKPLACE SAFETY AND HEALTH (3)

Safety, hazard and catastrophe control, environmental concerns, laws, personal safety and health, workforce safety training and development.

TY 322.  MANUFACTURING/PROCESS MANAGEMENT (3)

A study of materials, machines, processes, and systems used by business and manufacturing to convert raw materials into useable products. Prerequisite: MG 300 or permission of the instructor.

TY 334.  COMPUTER-AIDED DRAFTING/DESIGN I (3)

The generation of 2D graphic designs with computers as well as computer terminology, components, applications, and functions. Prerequisite: TY 231 or permission of instructor.

TY 335.  COMPUTER-AIDED DRAFTING/DESIGN II (3)

Students will learn advanced features and generate 3D graphic designs through computer application. Prerequisite: TY 334.

TY 338.  GEOGRAPHIC INFORMATION SYSTEMS (3)

Includes the concepts of geographical mapping, database construction, database linkage, querying, and relational interface systems. Prerequisite: TY 334.

TY 351.  MANAGING OCCUPATIONAL SAFETY AND HEALTH (3)

Practical theories and principles of occupation safety and health that includes costs, administration, liability, accident-loss prevention, and psychological considerations. Research is required on a specific topic determined by consultation with the instructor. Prerequisite: EC 231 and MG 300.

TY 352.  HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (3)

This course is a study of health hazards, and/or safety hazards; included is the investigation and remediation of hazardous waste sites, and response to accidents or releases of hazardous materials with compliance to federal certification guidelines, 29 CFR 1910.120. Prerequisite: TY 251, TY 351, or permission of the instructor.

TY 407.  INDEPENDENT STUDY IN TECHNOLOGY (1-3)

This course offers qualified students the opportunity for independent study in the area of technology. The individual needs and interests of the student determine the specific nature and content of the course. May be repeated for a maximum of six semester hours. Prerequisites: fifteen semester hours in Technology and permission of the Dean.

TY 408.  SELECTED TOPICS IN TECHNOLOGY (1-3)

Offers qualified students the opportunity for study in areas not generally included in course offering. Specific content and nature determined by the interests and needs of the students. May be repeated for a maximum of six semester hours. Prerequisite: permission of the Dean.
TY 453. QUALITY MANAGEMENT SYSTEMS (3)

Various quality systems such as Total Quality Management (TQM), ISO 9000 and 14000, Just-in-Time (JIT), Quality Function business, manufacturing, and service organizations. Prerequisite: BA 271 and EC 231.

TY 455. SAFETY RISK MANAGEMENT (3)

A study of various types of safety risks. Emphasis is on differing needs for diverse industries, corporate cultures, and the duties of the Safety Director, committees, and teams. Class participants are required to develop a Workplace Safety manual detailing the duties of a Safety Director. Prerequisite: TY 251, TY 351 or permission of the instructor.

TY 460. TECHNOLOGY INTERNSHIP (3)

A work-related experience in a private, public, or governmental organization that provides an opportunity for the application of terminology, theories, and concepts of technology. Open only to technology majors. Prerequisite: senior status. Students may not register for this course until the application has been completed and approved by the Dean’s Office.

THEATRE (TH)

TH 100. INTRODUCTION TO THEATRE (3)

How theatre functions as a synthesis of related arts and a history of its development.

TH 109. DRAMATICS LABORATORY (1)

Active participation in current UWA Theatre production, either as an actor or technician. May be repeated for maximum of eight semester hours.

TH 310. ACTING (3)

Basic acting techniques, with emphasis on script analysis, character development, interpretation, movement and voice. Prerequisite: TH 100 or permission of the Dean.

TH 397. INDEPENDENT STUDY IN THEATRE (1-3)

Independent study in an area of theatre selected by the student. Prerequisite: permission of the Dean. May be repeated for a maximum of six semester hours credit.

TH 439. DIRECTING PRACTICUM (1)

Direct a one-act play. Prerequisite or corequisite: TH 480.

TH 480. PRODUCING THE SCHOOL PLAY (3)

Script selection and analysis for the director/designer, basic directing technique and design execution. Prerequisite: TH 100 or permission of the Dean.

TH 498. SELECTED TOPICS IN THEATRE (1-3)

Readings, lectures, discussions, and/or internship activities related to topics not generally included in course offerings. Course content and format determined by student needs and interests. Prerequisite: permission of the Dean.
UNIVERSITY EXPERIENCE (UWA)

UWA 101.  FRESHMAN SEMINAR (2)

Designed to help the new student develop essential survival skills and adapt to university-level studies and the unique environment of the campus community. Includes two regularly scheduled class periods per week, and several required out-of-class activities. Course required of all entering freshmen and of transfer students with fewer than twenty semester hours.

UWA 102.  CAREER EXPLORATION (2)

Group and individual activities to help students make career decisions, evaluate educational and employment opportunities, investigate major areas of study, and develop an understanding of the requirements for entering and advancing in a selected career field.

VARSITY ATHLETICS (VA)

These courses are only available to students on the Squad List for NCAA sports or active participants for non-NCAA sports. A maximum of four-semester hours may be earned through these courses, which are offered on a pass/fail basis. A student may receive credit for only one varsity athletic course per semester. These courses may not be used to fulfill physical education requirements in general education, in the major, or in the minor.

VA 200.  VARSITY BASEBALL (1)
VA 201.  VARSITY BASKETBALL FOR MEN (1)
VA 202.  VARSITY BASKETBALL FOR WOMEN (1)
VA 203.  VARSITY CROSS COUNTRY FOR MEN (1)
VA 204.  VARSITY CROSS COUNTRY FOR WOMEN (1)
VA 205.  VARSITY FOOTBALL (1)
VA 206.  VARSITY SOFTBALL (1)
VA 207.  VARSITY VOLLEYBALL (1)
VA 208.  VARSITY CHEERLEADING (1)
VA 209.  VARSITY RODEO (1)
VA 210.  VARSITY DANCE LINE (1)
VA 211.  VARSITY TENNIS FOR MEN (1)
VA 212.  VARSITY TENNIS FOR WOMEN (1)
Famed leader of co-educational reform, Julia Strudwick Tutwiler joined the administration and faculty of Livingston Female Academy as co-principal in 1880—a post she held until 1887 in conjunction with her uncle and former University of Alabama president, Carlos Smith, and then with her brother-in-law, Captain J.W.A. Wright. In 1888, she was named principal of Alabama Normal College and Livingston Female Academy. The title of principal was changed to president in 1890, making Tutwiler the first and only female president to lead the University of West Alabama. She held the rank of president until her retirement in 1910.
# XII. THE UNIVERSITY OF WEST ALABAMA

## BOARD OF TRUSTEES

GOVERNOR BOB RILEY  
*President*  
Montgomery, Alabama

JOE MORTON  
*State Superintendent of Education*  
Montgomery, Alabama

<table>
<thead>
<tr>
<th>NAME</th>
<th>TERM EXPIRES</th>
<th>CITY</th>
<th>DISTRICT</th>
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<tr>
<td>JEAN DEARMAN ANDERSON</td>
<td>2013</td>
<td>Montgomery</td>
<td>At-Large</td>
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<tr>
<td>THOMAS BALLOW, JR.</td>
<td>2015</td>
<td>Montgomery</td>
<td>At-Large</td>
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<tr>
<td>TERRY BUNN</td>
<td>2003</td>
<td>Tuscaloosa</td>
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<tr>
<td>LENA HARDAWAY</td>
<td>2011</td>
<td>Livingston</td>
<td>At-Large</td>
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<tr>
<td>RANDALL I. HILLMAN</td>
<td>2011</td>
<td>Wilsonville</td>
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<tr>
<td>REBECCA STANFORD LEWIS</td>
<td>2013</td>
<td>Auburn</td>
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<tr>
<td>MARGARET LOVETT</td>
<td>2015</td>
<td>Russellville</td>
<td>5</td>
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<tr>
<td>JOHN NORTHCUTT</td>
<td>2015</td>
<td>Demopolis</td>
<td>7</td>
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<tr>
<td>WILLIAM BRUCE O’NEAL</td>
<td>2009</td>
<td>Midfield</td>
<td>At-Large</td>
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<tr>
<td>ALEX SAAD</td>
<td>2011</td>
<td>Mobile</td>
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<tr>
<td>JOHN M. SMITH</td>
<td>2011</td>
<td>Montgomery</td>
<td>2</td>
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<tr>
<td>ROBERT THETFORD SPREE</td>
<td>2011</td>
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<tr>
<td>VACANT</td>
<td>2013</td>
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</table>
XIII. DIRECTORY OF ADMINISTRATION

OFFICERS OF ADMINISTRATION

Richard D. Holland ........................................... President
David M. Taylor ........................................... Provost
T. Raiford Noland ....................... Vice President for Financial Affairs
Danny Buckalew ..................... Vice President for Student Affairs
Clemit W. Spruiell ............... Vice President for Institutional Advancement
Tim Edwards ......................... Dean, College of Liberal Arts
Venkat Sharma. .......... Dean, College of Natural Sciences and Mathematics
Vacant ......................... Dean, College of Education
Ken Tucker ......................... Dean, College of Business
Tom W. DeVaney ................... Dean, School of Graduate Studies
Martha M. Hocutt .................... Dean, Division of Online Programs
Marsha M. Cannon ............... Chairperson, Division of Nursing
Monroe C. Snider ................... Director of the Library
E. J. Brophy. ......................... Director of Athletics
STAFF OF ADMINISTRATION

ATHLETICS
Will Atkinson ............................. Head Women’s Softball Coach
E. J. Brophy .............................. Director of Athletics
Seale Broughton ......................... Administrative Assistant to Football/Athletic Training
Penny Dew .............................. Special Assistant to the Athletic Director
Glen Fanelli ............................. Head Men’s and Women’s Tennis Coach
Robert T. Floyd .......................... Director of Athletic Training and Sports Medicine
Andrew Grubbs .......................... Associate Athletic Trainer
Shanna Grubbs ......................... Assistant Athletic Trainer
Sam Gregg .............................. Assistant Football Coach
Will Hall ................................. Assistant Football Coach
Betsy Harris ......................... Associate Women’s Basketball Coach
Paige Jones ............................. Assistant Women’s Softball Coach
Kyle Lewis .............................. Director of Sports Information
Desmond Lindsey ......................... Assistant Football Coach
Amanda Marks ............................ Head Women’s Basketball Coach
Eddie McCarter .......................... Head Men’s Basketball Coach
Don Medeiros .......................... Head Men’s and Women’s Cross Country Coach
Bradley Montgomery .................... Head Athletic Trainer
Janet Montgomery ....................... Assistant Director of Athletics/Academic Coordinator for Athletics
Tony Oglesby ............................. Assistant Football Coach
Gary Rundles ........................ Head Baseball Coach
Chad Phipps ............................. Head Rodeo Coach
Kyle Sampsell ......................... Assistant Athletic Trainer
Tony Schmidt ........................ Assistant Director of Sports Information
David Steed ............................. Assistant Baseball Coach
Bobby Wallace .......................... Head Football Coach
James Wright .......................... Assistant Men’s Basketball Coach

AUXILIARY SERVICES
Lee Boydstun ........................ Mail Services
Willie Mae Jones ........................ Cashier
Martha Noland ......................... Online Assistant Clerk
Mamie Reed ........................ Director of Auxiliary Services
Lee Walker .................................................... Postal Clerk

BUSINESS OFFICE
April Atcheson .............................. Business Office Assistant
Freda Brown ................................. Accounts Payable Supervisor
Eva Doby ........................................ Perkins Loans Officer
Lawson Edmonds .............................. Business Manager
Jessie Egbert ............................... Supervisor of Payroll, Insurance and Personnel
Barbara Etheridge ......................... Accounting Supervisor
Brenda Killough ................................. Payroll and Benefit Assistant
Amy Lenning ................................. Switchboard Supervisor
Jennifer Nelson ......................... Business Office Assistant
Millie Schroeder .............................. Secretary
George E. Snow ................................. Comptroller
Charmaine Truelove ....................... Student Accounts Supervisor
Janie Wooldridge .................... Receptionist/Purchasing Secretary

CAMPUS POLICE
Arthur Bell ................................. Police Officer
Clarissa Bell ................................. Radio Dispatcher
Sandra Booen ................................ Secretary
William Flowers .......................... Police Officer
Jeffrey Manuel ....................... Chief of Campus Police/Director of Campus Safety
George Osborne .............................. Sergeant
Garland Partridge .............................. Police Officer
Lillie Pharris ................................. Radio Dispatcher
Howard Rhodes ................................. Police Officer

COLLEGE OF BUSINESS
Sieglinde Fleming ....................... Faculty Secretary
Maxine McClusky .................. Secretary to the Dean of the College of Business
Bonnie Dial ....................... Secretary to Computer Information Systems and Technology
COLLEGE OF EDUCATION
Traci Craft .......................... Associate Certification Officer
Beverly Duke .......................... Secretary, Department of Physical Education and Athletic Training
Paulette Fox .......................... Secretary to the Dean of the College of Education
Mary Grace Edmonds ..................Secretary, College of Education
Pamela Ozment .......................... Assistant to the Certification Officer
Nancy S. Taylor .......................... University Certification Officer and Coordinator of College of Education Online Certification Programs
Lydia Kelley .......................... Secretary, Teacher Education

COLLEGE OF LIBERAL ARTS
Kathryn Edwards .................. Secretary, Department of History and Social Sciences
Sharon Harwell .................. Secretary, Department of Fine Arts
Dustin Prine .......................... Studio Technician
Glenn Smith .......................... Director of Bands
Fannie Tucker .......................... Secretary to the Dean of the College of Liberal Arts
Sara Walker .......................... Secretary, Department of Languages and Literature

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS
Rosie Mae Campbell .................. Secretary to the Dean of the College of Natural Sciences and Mathematics
Loretta Danner .......................... Secretary, Department of Mathematics and Biological and Environmental Sciences
Sam Ledbetter .......................... Greenhouse Manager
Allen M. Tartt III .......................... Director, Alabama Onsite Wastewater Training Facility

SCHOOL OF GRADUATE STUDIES
Shelly Findley .......................... Graduation Coordinator
DeeDee Hines .......................... Administrative Coordinator
Charlotte Reed .......................... Admissions Coordinator
Cindy Whitcomb .......................... Secretary to the Dean of Graduate Studies

DIVISION OF NURSING
Susan Goodwin .......................... Secretary, Division of Nursing
DIVISION OF EDUCATIONAL OUTREACH
Valerie P. Burnes .................. Director, Center for the Study of the Black Belt
Ashley Dumas ......................... Director of Educational Programming
Rosa Hall ................ Program Coordinator, Center for the Study of the Black Belt
John Hall ................................. Director, Black Belt Museum
Tina N. Jones .................... Dean, Division of Educational Outreach
Sam Ledbetter ................ Director, Black Belt Garden
Monica Moore .................. Secretary, Center for the Study of the Black Belt

COMMUNITY OUTREACH
Veronica Beasley ....................... Business Counselor
Mason Bonner ......................... Coordinator, Workforce Development
Tynell Fields ....................... Secretary, Community Outreach Services
John McCarter ................ Program Administrator, Workforce Development
Donald Mills ...................... Director, Small Business Development Center
Ken Walker ......................... Director, Community Outreach Services

INSTITUTIONAL ADVANCEMENT
Meaghan Gordon .................. Director of Public Relations
Wes Gordon ......................... Director of Development
Margaret Hagood .................. Development Assistant
Kathleen Stephens ................ Operations Manager
Thomas Stipe ......................... Senior Director of Marketing
TyAnne Stone ................ Director of Alumni Relations

INFORMATION SYSTEMS
Becky Babb ......................... Help Desk Manager/Computer Operator
Charlie Cook ......................... Area Technology Specialist
Greg Egbert ......................... Network Engineer
Christi J. George .................. Webmaster and Assistant to the Director
Joseph Hoggle ..................... PC Technician
Tavaris Moore ..................... PC Technician
Wes Mosley ......................... Database Manager
Pamela Peden .................. Blackboard Administrator/Programmer
Mike Pratt ......................... Director, Information Systems
Sam Smith ......................... Project Leader
Rance Stevenson ................ Network Engineer
INSTITUTIONAL EFFECTIVENESS
DeeAnn Andrews  ........................................ Secretary
Angel Jowers  .  .  .  .  .  .  .  .  .  .  .  .  .  .  Coordinator of Planning and Assessment
Patricia Pratt  .  .  .  .  .  .  .  .  .  .  .  Director, Institutional Effectiveness
Tenika Milsap  .  .  .  .  .  .  .  .  .  .  .  Programmer/Analyst

JULIA TUTWILER LIBRARY
Anna Bedsole  .................................. User Services Associate
Vivian Hauser  .  .  .  .  .  .  .  .  .  .  .  Bookkeeper and Secretary
Christin Loehr  .  .  .  .  .  .  .  .  .  Resource Management/Technical Services Associate
Penelope B. Seale  .  .  .  .  .  .  .  Records Management Associate

ONLINE PROGRAMS
Krista LeBrun  .  .  .  .  .  .  .  .  .  Online Program Advisor
Jackie Rencher  .  .  .  .  .  .  .  .  .  Secretary
Christa Stewart  .  .  .  .  .  .  .  .  .  Online Program Advisor
Lisa Tanner  .  .  .  .  .  .  .  .  .  .  Online Program Advisor

PHYSICAL PLANT
Walter Boyd  .  .  .  .  .  .  .  .  .  .  Supervisor, Grounds and Moving
Sandy Dial  .  .  .  .  .  .  .  .  .  .  .  .  Secretary
Craig Doby  .  .  .  .  .  .  .  .  .  .  Supervisor, Mechanical Maintenance
Collier Hofmann  .  .  .  .  .  .  .  Environmental Health and Safety
Robert Holycross  .  .  .  .  .  .  .  Director, Physical Plant
Roger Limerick  .  .  .  .  .  .  .  .  .  Lake Manager
Martha Long  .  .  .  .  .  .  .  .  .  .  .  Motor Pool Clerk
Ron McKeller  .  .  .  .  .  .  .  .  .  .  .  .  Housekeeping Supervisor
Robert Noland  .  .  .  .  .  .  .  .  .  .  .  Work Order Control Coordinator
James Presswood  .  .  .  .  .  .  .  .  .  Warehouse and Receiving
Mike Spencer  .  .  .  .  .  .  .  .  .  .  .  .  Office Administrator
Bobby Truelove  .  .  .  .  .  .  .  .  .  .  Supervisor, Building Maintenance

PRESIDENT’S OFFICE
Carrie Bell  .  .  .  .  .  .  .  .  .  Consulting Manager, Bell Conference Center
Kaye Bryan  .  .  .  .  .  .  .  .  .  Secretary to the President
Josie Dawson  .  .  .  .  .  .  .  .  .  Facilities Manager, Bell Conference Center
Earlene Lindsey  .  .  .  .  .  .  .  Coordinator, Special Projects
PRINTING AND DUPLICATING
Betsy Compton ........................................... Graphic Designer
Tommy Hutchins ........................................ Press Operator
Jimmy Robinson ........................ Director, Printing and Duplicating
Traudy Trawick .............................. Secretary

PROVOST’S OFFICE
Lisa Basinger ........................................... Secretary
Holly Holycross .......................... Administrative Assistant to the Provost
Patricia Pratt ........................ Assistant to the Provost

REGIONAL CENTER FOR COMMUNITY AND ECONOMIC DEVELOPMENT
Jennifer James ...................... Director
San Michelle Thompson ................ Assistant Director

REGISTRAR’S OFFICE
April Atkinson .................. Online Records Assistant
Louise Boyd ........................... Administrative Software Coordinator
Barbara Dill ...................... Coordinator, Online Programs
Heather Presley .................... Online Admissions Assistant
Emily McInnis .................... Assistant Registrar, On-Campus
Kyla Pratt .......................... Assistant Registrar, Online
Susan Sparkman .................. Registrar
Bob Webb ......................... Assistant to the Registrar

SPONSORED PROGRAMS
Carmen Giles ............................... Secretary
Rodney Granec ....................... Grants Specialist
Rebecca Harvard .................. Director

STUDENT SUCCESS AND TRIO PROGRAMS
Vacant ....................... Director of Counseling
Pam Hall ...................... Assistant Director, Student Support Services
Stephanie Hyche .......... Counseling Coordinator, Upward Bound Program
Liza Lard .............................. Secretary, Upward Bound Program
Gloria Mayo ............................ Secretary, Student Support Services
Andrea Farquhar ........................ Academic Advisor, Student Support Services
Diana Pullum ........................... Academic Coordinator, Upward Bound Program
Shannon Edmonds ........................ Secretary, Counseling and Career Services
Vicki Spruiell .......................... Director, TRIO Programs and Student Success Programs
Lawanna Walker ........................ Coordinator of Retention and ADA
Tammy White ............................ Director of Career Services

STUDENT AFFAIRS
Becky Amato ............................ Secretary to the Vice President for Student Affairs
Teresa Biglane ............................ Counselor, Financial Aid
Oliver Charles ........................... Admissions Counselor
Dianne Colquitt ........................ Coordinator for Admissions Services
Michelle Covington ........................ Financial Aid Advisor
Audrey Crawford ........................ Admissions Counselor
William Crawford ........................ Admissions Counselor
Barbara Dial .............................. Housing Services Coordinator
Stacy Dial ................................. Secretary, Financial Aid
Brenda Edwards .......................... Word Processing Coordinator
Jason Gardner ........................... Director of Student Activities
Luther Gremmels ........................ Director of Student Life and Housing
Rebecca Hall .............................. Secretary, Student Activities
Suzanne Hanley .......................... Online Financial Aid Advisor
Richard Hester ........................... Director of Admissions
Niki Hines ................................. Senior Financial Aid Advisor
Kim Holycross ............................ Online Financial Aid Counselor
Anyanna Howze ........................... Financial Aid Advisor
Julian Ptomey .............................. Media Technician
Don Rainer ................................. Director of Financial Aid
Carling Stepniak ........................ Director of Intramural and Recreation Sports
Shonna Tatum ............................ Fitness and Wellness Coordinator
## XIV. FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>BONNIE ALLEN</td>
<td>Ph.D., Assistant Professor of Psychology and Counseling; B.S. (1975), M.Ed. (1978), Ph.D. (1985) Mississippi State University.</td>
</tr>
<tr>
<td>ERICA ANDERSON</td>
<td>M.S.N., R.N., Assistant Professor of Nursing; A.S.N. (1997) Meridian Community College; B.S.N. (1999), M.S.N. University of Southern Mississippi.</td>
</tr>
<tr>
<td>BRIAN BURNES</td>
<td>Ph.D., Assistant Professor of Biology; B.S. (1993), Ph.D. (2000) Georgia Institute of Technology.</td>
</tr>
<tr>
<td>VALERIE POPE BURNES</td>
<td>B.A., Assistant Professor of History and Director of the Center for the Study of the Black Belt; B.A. (1999) Judson College (Dissertation Stage, Ph.D., Auburn University).</td>
</tr>
<tr>
<td>ROGER CAMPBELL</td>
<td>Ph.D., Chairperson of the Department of Physical Sciences and Assistant Professor of Chemistry; B.S. (2001) University of West Alabama; Ph.D. (2008), University of Alabama.</td>
</tr>
<tr>
<td>MARSHA M. CANNON</td>
<td>M.S.N., R.N., Chairperson of the Division of Nursing and Associate Professor of Nursing; B.S.N. (1987), M.S.N. (1997) University of South Alabama.</td>
</tr>
<tr>
<td>LINDA ALEXANDER CARR</td>
<td>Ed.D., Chairperson of the Department of Business Administration, Management, and Marketing, and Professor of Business (part-time); B.S. (1963) Livingston University; M.A. (1965), Ed.D. (1968) University of Alabama.</td>
</tr>
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DIONNE EDISON (2003), M.Ed., Assistant Professor of Special Education; B.A. (1978) Talladega College; M.Ed. (1994) University of West Alabama.


ARTHUR GROTHE (2009), Assistant Professor of Speech and Drama and Director of Theatre; B.A. (1999) Heidelberg College; M.F.A. (2003) University of Florida.


HEATHER McDONALD (2009), Ph.D., Assistant Professor of Chemistry; B.S. (1993), Ph.D. (2002) Mississippi State University


CONSULTING CLINICAL FACULTY IN ATHLETIC TRAINING AND SPORTS MEDICINE

JAMES R. ANDREWS, M.D.
JACEL C. BROOKS, M.D.
MATTHEW L. BUSBEE, M.D.
E. LYLE CAIN, JR., M.D.
ERIC PARKS, M.D.
JEREMY SWYMN, M.D.

ADJUNCT FACULTY

JANE BIRD, M.Ed., Early Childhood Education
GLENN D. BRASHER, Ph.D., History
PAULA BREWER, M.Ed., Elementary Education
PAIGE CASE, M.A.T., English
ANITA FREEMAN, Ed.D., Education
ALAN GLEIT, Ph.D., Mathematics
AUDREY HAMILTON, M.A.T., Language Arts
MICHAEL JOHNSON, M.M., Music
RENYETTA JOHNSON, M.A.T., Mathematics
JIM LAWSON, M.B.A., Statistics
RENEE NICHOLS, Ed.D., Secondary Education
MARGARET RAMSAY, M.A., English
CHRISTINE PADGETT, Ph.D., Education
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