UAM Catalog 2020-2021



The University of Arkansas at Monticello

Monticello · Crossett · McGehee

UAM Campus Map

1 Administration Building
2 Student Success Center (SSC)
Chick-fil-A
3 Agriculture & SEREC (AG)
4 Babin Business Center (BBC)
5 Visual / Performing Arts
6 Bankston Hall
7 Baptist Collegiate Ministry
8 Central Heating Plant
9 Central Warehouse
10 Chancellor's Home
11 Cotton Boll Stadium
12 Fine Arts Center (FAC)
13 Gibson University Center (UC)
14 Maxwell Annex
15 Harris Hall
16 Chamberlin Forest Resources Complex (CFR)
17 Horsfall Hall
18 Taylor Library
Boll Weevil Bistro, proudly serving Starbucks
19 Maxwell Hall
20 Memorial Classroom Building (MCB)
21 Missionary Baptist Center
22 Music Building (MUS)
23 Natural History Museum
24 Royer Hall
25 Science Center (SC)
26 Sorrells Hall (SOR)
27 Steelman Fieldhouse (ATH)
28 Wells Hall (WELL)
29 Wesley Foundation Center
30 Willard Hall (WIL)
31 Judy & Jack Lassiter Indoor Practice Facility (IPF)
32 Weevils Field (Baseball)
33 Blossoms Field (Softball)
34 Recycling Center
35 University Apartments
36 University Police
37 Centennial Clock Tower
38 Tailgating Area
39 Risher Wellness Center
40 Weevils for Christ
41 Weevil Pond
42 Victory Bell



For an interactive Campus Map, go to:
www.uamont.edu/campusmap

For More Information

The University of Arkansas at Monticello has three campuses: one in Monticello, Arkansas, the UAM College of Technology in Crossett, Arkansas; and the UAM College of Technology in McGehee, Arkansas. Visitors are welcome at any time. Office hours are from 8:00 a.m. to 4:30 p.m. Monday through Friday. For more information or to arrange a campus tour, contact one of the numbers below.

Academic policies and programs, academic advising and assistance:

Monticello.....Office of Academic Affairs, Administration Building Suite 108, (870) 460-1032
Crossett.....Office of Student Services, (866) 323-3384 or (870) 364-6414
McGehee.....Office of Student Services, (870) 222-5360

Financial assistance, loans, work-study:

Monticello.....Office of Financial Aid, Harris Hall, (800) 226-2643 or (870) 460-1050
Crossett.....Office of Student Services, (866) 323-3384 or (870) 364-6414
McGehee.....Office of Student Services, (870) 222-5360

General information, student admission, publications for prospective students, freshman student registration and orientation, transfer, advanced placement, and campus tours:

Monticello.....Office of Admissions, Student Success Center (800) 844-1826 or (870) 460-1026
UAM College of Technology at Crossett.....(866) 323-3384 or (870) 364-6414
UAM College of Technology at McGehee.....(800) 747-5360 or (870) 222-5630

Graduate Programs

Monticello.....Office of Academic Affairs, Administration Building, Suite 108, (870) 460-1032

Registration, transcripts, class schedules

Monticello.....Office of the Registrar, Harris Hall, (870) 460-1034
Crossett.....Office of Student Services, (866) 323-3384 or (870) 364-6414
McGehee.....Office of Student Services, (870) 222-5360

Residence halls and on-campus housing

Monticello.....Office of Residence Life, Harris Hall, (870) 460-1045

Scholarships

Monticello.....Office of Financial Aid, Harris Hall, (870) 460-1050

Tuition, fees, expenses, and payment plans

Monticello.....Cashier's Office, Harris Hall, (870) 460-1043
Crossett.....Cashier's Office, (866) 323-3384 or (870) 364-6414
McGehee.....Cashier's Office, (870) 222-5360

The University of Arkansas at Monticello is committed to providing educational opportunities to all qualified students and employment opportunities to all persons, regardless of their economic or social status, and will not discriminate on the basis of race, color, religion, creed, gender, ethnic or national origin, disability, age or any legally protected class. The Office of Student Special Services has been designated to coordinate efforts to comply with all laws and regulations applicable to qualified disabled individuals as required by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Inquiries concerning the application of all federal laws and regulations regarding discrimination should be directed to the Human Relations Officer, Office of Finance and Administration, Babin Business Center, Monticello campus, (870) 460-1021.

The University releases information of the quality of its teacher preparation program according to the requirements of Section 207 of Title II of the Higher Education Acts as amended in 1998. Official Title II data is published in appropriate University publications. Inquiries concerning Title II data should be directed to the Dean, School of Education, (870) 460-1062.

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University Calendar 2020-2021

(Distance education classes, regardless of their location, follow this calendar.) The University calendar is subject to change.
Session Guide: S1: Summer I; S2: Summer II; 1: Full Semester or full (extended) summer term; 8W1: First 8 week fast track session; 8W2: Second 8 fast track week session; 6W1: 6 week fast track session; INT Intersession; C1: Crossett; C2: Crossett; M1 McGehee 1; M2 McGehee 2; M3 McGehee 3; M4 McGhee 4; M5 McGehee 5.
Please consult the University webpage www.uamont.edu for additional information.

Summer 2020

Intersession (Classes meet MTWHF)

April 27 (Mon) - Admission application deadline.
May 4 (Mon) - Tuition and fees due for preregistered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

May 11 (Mon) - Late Registration and first day of classes for session INT. Last day to register for session INT classes.
May 12 (Tues) -Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

May 19 (Tues) - Last day to drop a session INT class. Grade will be W.
May 22 (Fri) - Last day of session INT classes. Final exams in those classes.

Sessions S1 and 1 (Classes meet MTWH)

May 12 (Tues) - Admission application deadline.
May 14 (Thurs) - Tuition and fees due for preregistered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

May 21 (Thurs) - Registration for sessions S1, S2, 1, M2, and M3 classes.
May 25 (Mon) - Memorial Day Holiday. Offices and classes closed.
May 26 (Tues) - Late Registration for sessions S1 and 1 classes. First day of sessions S1 and 1 classes.
May 27 (Wed) - Last day to register or add sessions S1 and 1 classes.
May 27 (Wed) - Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

June 18 (Thurs) - Last day to drop session S1 classes. Grade(s) will be W.
June 24 (Wed) - Last day of session S1 classes. Final exams in those classes.
June 24-25 (Wed-Thurs) - Registration for Summer II.
June 25 (Thurs) - Tuition and fees due for preregistered students for session S2. Grades due at 10:00 a.m.

Sessions S2, 1, M2, and M3 (Classes meet MTWH)

June 17 (Wed) - Admission application deadline.
June 23 (Tues) - Tuition and fees due for preregistered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

June 24-25 (Wed-Thurs) - Registration for S2, M2, and M3 classes.
July 1 (Wed) - Late Registration and first class day for session S2 and M2 classes.
July 2 (Thurs) - Observance of July 4 Independence Day Holiday. Offices closed.
July 6 (Mon) - Last day to register or add session S2 classes. Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

July 27 (Mon) - Last day to drop sessions 1 and S2 classes. Grade(s) will be W.
August 3 (Mon) - Last day of classes. Final exams.
August 4 (Tues) - Grades due by 10:00 a.m.
August 5 (Wed) - Summer conferral of degrees.

Fall 2020

August 5 (Wed) - Admission application deadline.
August 10 (Mon) - Schedule changes for preregistered students.
August 11-14 (Tues-Fri) - Professional Development for faculty and staff.

August 12 (Wed) - Tuition and fees due for preregistered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

August 17 (Mon) - New student orientation. Schedule changes.
August 18 (Tues) - Late registration.
August 19 (Wed) - First day of classes for sessions 1, 8W1, and M2.
August 20 (Thurs) - First day of class for session C2.
August 21 (Fri) - Last day to register or add classes.
August 24 (Mon) - First day of session 6W1 classes.
August 25 (Tues) -Tuition and fees due by 3:30 pm for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

September 7 (Mon) - Labor Day Holiday. Offices and classes closed.
September 21 (Mon) - Last day to drop a session 6W1 class. Grade will be W.
September 23 (Wed) - Last day to drop a session 8W1 class. Grade will be W.
October 8 (Thurs) - Last day of session 8W1 classes.
October 12 (Mon) - First day of sessions 8W2 and M1 classes.
October 13 (Tues) - Last day to drop a session M2 class. Grade will be W.
October I5 (Thurs) - Last day to drop a session C2 class. Grade will be W.
October 22 (Thurs) - Last day to drop a session M1 class. Grade will be W.
October 23 (Fri) - Last day of session M1 classes.
October 28 (Wed) - Last day to drop a session 1 class or withdraw from the term (not applicable to other sessions). Grade(s) will be W.
November 2 (Mon) - Registration for Spring begins.
November 5 (Thurs) - Last day of session M2 classes.
November 6 (Fri) - First class day for session M3 classes.
November 11 (Wed) - Last day of session C2 classes.
November 13 (Fri) - Registration for Spring ends. Last day to drop session 8W2 classes, grade will be W.
November 13 (Fri) - Deadline to apply for May graduation.
November 23-27 (Mon- Fri) - Fall Break. No classes.
November 26-27 (Thurs-Fri) - Thanksgiving Holiday. Offices closed.
December 2 (Wed) - Last day to drop a session M3 class. Grade will be W.
December 4 (Fri) - Last day of classes for sessions 1 and 8W2.
December 7-10 (Mon-Thurs.) - Final exam period.
December 9 (Wed) - Last day of session CI classes.
December 10 (Thurs) - Last day of class for session M3 classes.
December 11 (Fri) - Commencement.
December 14 (Mon) - Grades due by 10:00 a.m.
December 16 (Wed) - Fall conferral of degrees.

Spring 2021

December 22 (Tues) - Tuition and fees due for preregistered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

December 23 (Wed) - Admission application deadline.
January 1 (Fri) - New Years' Day. All offices closed.
January 4 (Mon) - New student orientation. Schedule changes.
January 5 (Tues) - Late registration.
January 6 (Wed) - First day of class for sessions 1, 8W1, M2, and M4.
January 7 (Thurs) - First day of class for session C2.
January 8 (Fri) - Last day to register or add classes.
January 11 (Mon) - First day of session 6W1.
January 12 (Tues) -Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

January 18 (Mon) - Martin Luther King Holiday. Offices and classes closed.
February 5 (Fri) - Last day to drop a session M4 class. Grade will be W.
February 1 (Mon) - Last day to drop a session 6W1 class. Grade will be W.
February 10 (Wed) - Last day to drop a session 8W1 class. Grade will be W.
February 19 (Fri) - Last day of sessions 6W1 and M4 classes.
February 25 (Thurs) - Last day of session 8W1 classes.
March 1 (Mon) - First day of sessions 8W2 and M1 classes.

March 2 (Tues) - Last day to drop a session M2 class. Grade will be W.
March 11 (Thurs) - Last day to drop a session M1 class. Grade will be W.
March 5 (Fri) - Last day to drop a session C2 class. Grade will be W.
March 12 (Fri) - Last day of session M1 classes.
March 17 (Wed) - Last day to drop a session 1 class or withdraw from the term (not applicable to other sessions). Grade(s) will be W.
March 22-26 (Mon-Fri) - Spring Break
March 26 (Fri) - Spring Break Friday. All offices closed.
April 1 (Thurs) - Last day of session M2 classes.
April 2 (Fri) - First class day for session M5.
April 5 (Mon) - Registration for Summer and Fall begins.
April 8 (Thurs) - Last day of session C2 classes.
April 9 (Fri) - Last day to drop a session 8W2 class. Grade will be W.
April 16 (Fri) - Registration for Summer and Fall ends. Deadline to apply for August and December graduation.
April 22 (Thurs) - Last day to drop a session M5 class. Grade will be W.
April 26 (Mon) - Last day of sessions 1 and 8W2 classes.
April 27 (Tues) - Study day (no classes).
May 3 (Mon) - Last day of session M5 classes.
April 28- May 3 (Wed-Mon) - Final Exams.
May 5 (Wed) - Grades due by 10:00 a.m.
May 7 (Fri) - Commencement. Spring conferral of degrees.

Summer 2021

Intersession (Classes meet MTWHF)

April 26 (Mon) - Admission application deadline.
May 10 (Mon) - Registration and first day of classes for session INT. Last day to register for session INT classes.
May 11 (Tues) - Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

May 18 (Tues) - Last day to drop a session INT class. Grade will be W.
May 21 (Fri) - Last day of session INT classes. Final exams in those classes.

Sessions S1 and 1 (Classes meet MTWH)

May 11 (Tues) - Admission application deadline.
May 24 (Mon) - Late Registration for sessions S1, S2, 1, M2, and M3 classes.
May 25 (Tues) - Late Registration for sessions S1, S2, 1, M2, and M3 classes. First day of sessions S1 and 1 classes.
May 26 (Wed) - Last day to register or add sessions S1 and 1 classes.
Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

May 31 (Mon) - Memorial Day Holiday. Offices and classes closed.
June 16 (Wed) - Last day to drop session S1 classes. Grade(s) will be W.
June 24 (Thurs) - Last day of session S1 classes. Final exams in those classes.
June 28 (Mon) - Grades due at 10:00 a.m.
June 28-29 (Mon-Tues) - Registration for sessions S2, M2, and M3 classes.

Sessions S2, 1, M2, and M3 (Classes meet MTWH)

June 22 (Tues) - Admission application deadline.
July 1 (Thurs) - Registration for S2, M2, and M3 classes.
July 5 (Mon) - Observance of July 4 Independence Day Holiday. Offices closed.
July 6 (Tues) - Registration for sessions S2, M2, and M3. First day of session S2 and M2 classes.
July 7 (Wed) - Last day to register or add sessions S2 and M3 classes.
Tuition and fees due by 3:30 p.m. for all registered students.

Students will be dropped at the end of the day unless payment or other payment arrangements have been made.

July 14 (Wed)- Last day to drop session M2 classes. Grade will be W.
July 20 (Tues) - Last day of session M2 classes.
July 21 (Wed) - First day of session M3 classes.
July 29 (Thurs) - Last day to drop sessions S1, 1 or M3 classes. Grade(s) will be W.
August 4 (Wed) - Last day of sessions S1, 1, or M3 classes. Final exams in those classes.

August 5 (Thurs) - Grades due at 10:00 a.m.
August 10 (Tues) - Summer conferral of degrees.

About This Catalog

The University of Arkansas at Monticello Catalog intends to reflect current academic policies, procedures, degree offerings, course descriptions, and other information pertinent to students.

Although this catalog is prepared on the basis of the best information available at the time, and the information is updated regularly, users are cautioned about the following:

Editorial, clerical, and programming errors may have occurred in the publication of this website.

There is a lag time between approved changes and the updating of the publication on this website.

Students normally are entitled to graduate under the degree provisions of the catalog in effect at the time of their first completed semester of enrollment.

The university reserves the right to change the provisions of this catalog at any time, including, but not limited to, degree requirements, course offerings, fees, and listings in the calendar as necessitated by university, legislative action or state or national licensure or accreditation requirements.

*Students are encouraged to consult with their advisors for questions related to their degree plan or progress.



General Information

Location

The University of Arkansas at Monticello has three campuses. The Monticello campus is located three miles south of Monticello, Arkansas, adjacent to U.S. Highway 425. Monticello, the county seat of Drew County, is located approximately 100 miles southeast of Little Rock and 85 miles north of Monroe, Louisiana.

The UAM College of Technology at Crossett (UAM-CTC) is located on Highway 52 West, 4.5 miles northeast of Crossett, Arkansas, the largest city in Ashley County, and 9.5 miles southwest of Hamburg, the Ashley County seat.

The UAM College of Technology at McGehee (UAM-CTM) is located within the city limits of McGehee, Arkansas, on Arkansas Highway 1. The campus is easily accessible from U.S. Highway 65 and Arkansas highways 1 and 278.

The University of Arkansas at Monticello is ideally located to serve the state's educational and technical needs and provides an excellent setting for the state's only College of Forestry, Agriculture and Natural Resources.

Included in the University's total acreage are 1,544 acres of forestland used for research, management and instruction, and 300 acres devoted to agricultural teaching and research.

History

The history of the University and the mission statement of the University are enduring and are used by the campus community as the foundation for the daily operation of the University and its strategic plan for the future. The mission statement of the University is used as a benchmark to measure UAM's success.

The University of Arkansas at Monticello was established in 1909 by an act of the General Assembly of the State of Arkansas to serve the educational needs of Southeast Arkansas. Originally called the Fourth District Agricultural School, the University opened its doors September 14, 1910. In 1925, the General Assembly authorized the school's name to be changed to Arkansas Agricultural and Mechanical College. A & M received accreditation as a junior college in 1928 and as a four- year institution in 1940.

Arkansas A & M became part of the University of Arkansas system July 1, 1971 and its mission expanded to serve the needs of the state, region, and nation. On July 1, 2003 the University of Arkansas at Monticello again expanded its mission to include technical education with the merger of the Forest Echoes Technical Institute and the Great Rivers Technical Institute becoming, respectively, the

UAM College of Technology at Crossett and the UAM College of Technology at McGehee.

The University of Arkansas System Board of Trustees governs the University of Arkansas at Monticello. The University of Arkansas at Monticello Board of Visitors aids in the continuing development of the University and furnishes counsel, guidance, and recommendations for the University. Its diverse membership is representative of the Southeast Arkansas region.

Accreditation

The University of Arkansas at Monticello is accredited by the Higher Learning Commission, the Council on Assessment of Education Programs, the National Association of Schools of Music, the Accreditation Commission for Education in Nursing, the Society of American Foresters and the Council on Social Work Education.

Technical programs have been approved by the Arkansas State Board of Nursing, the National Institute for Automotive Service Excellence, the Commission on Accreditation of Allied Health Education, the Arkansas Department of Human Services and the Arkansas Department of Health.

The University offers certificates of proficiency, technical certificates, associate, baccalaureate, and master's degree programs.

Documents concerning accreditation are available for review upon request to the Vice Chancellor for Academic Affairs on the Monticello campus; the Vice Chancellor for the UAM College of Technology at Crossett; or the Vice Chancellor for the UAM College of Technology at McGehee.

Vision

The University of Arkansas at Monticello will be recognized as a model, open access regional institution with retention and graduation rates that meet or exceed its peer institutions.

Through these efforts, UAM will develop key relationships and partnerships that contribute to the economic and quality of life indicators in the community, region, state, and beyond.

Mission

The University of Arkansas at Monticello is a society of learners committed to individual achievement by:

- Fostering a quality, comprehensive, and seamless education for diverse student learners to succeed in a global environment;
- Serving the communities of Arkansas and beyond to improve the quality of life as well as generate, enrich, and sustain economic development;
- Promoting innovative leadership, scholarship and research which will provide for entrepreneurial endeavors and service learning opportunities;
- Creating a synergistic culture of safety, collegiality and productivity which engages a diverse community of learners.

Core Values

- Ethic of Care: We care for those in our UAM community from a holistic perspective by supporting them in times of need and engaging them in ways that inspire and mentor.
- Professionalism: We promote personal integrity, a culture of servant leadership responsive to individuals' needs as well as responsible stewardship of resources.
- Collaboration: We foster a collegial culture that encourages open communication, cooperation, leadership and teamwork, as well as shared responsibility.
- Evidence-based Decision Making: We improve practices and foster innovation through assessment, research, and evaluation for continuous improvement.
- Diversity: We embrace difference by cultivating inclusiveness and respect of both people and points of view, and by promoting not only tolerance and acceptance, but support and advocacy.

Institutional Learning Outcomes

- Communication: Students will communicate effectively in social, academic, and professional contexts using a variety of means, including written, oral, quantitative, and/or visual modes as appropriate to topic, audience, and discipline.
- Critical Thinking: Students will demonstrate critical thinking in evaluating all forms of persuasion and/or ideas, in formulating innovative strategies, and in solving problems.
- Global Learning: Students will demonstrate sensitivity to and understanding of diversity issues pertaining to race, ethnicity, and gender and will be capable of anticipating how their actions affect campus, local, and global communities.
- Teamwork: Students will work collaboratively to reach a common goal and will demonstrate the characteristics of productive citizens.

Assessment

Assessment for the University of Arkansas at Monticello is a process leading to improvement in the institution and in the quality educational programs it offers. Assessment occurs at the individual, class, program, academic unit, and university levels. Evaluations of these assessments are used to enhance student learning outcomes and institutional outcomes. Students can expect assessments throughout their educational experience.

Because UAM students are expected to become productive citizens, assessment of institutional learning outcomes is significant. Faculty assess the extent to which students have learned to synthesize knowledge, communicate effectively, use knowledge and technology with intelligence and responsibility, and act creatively within their own and other cultures. Students assess coursework, teaching, and other services of the University, lending a voice to improving not only their own educational experience but also the experiences of other students.

All students, faculty, and staff who participate in assessment and evaluation are expected to be open and honest in an effort to improve the institution and its educational programs.

Academic Degrees, Majors, Technical Certificates, and Certificates of Proficiency Programs

Degrees, majors, and technical certificates are listed below. Consult the Academic Units section of this catalog for course requirements of individual programs of study.

Associate of Applied Science

Advanced Manufacturing Technology – College of Technology at Crossett
Hospitality and Tourism Management-College of Technology at Crossett
Crime Scene Investigation – School of Social and Behavioral Sciences
Forest Technology – College of Forestry, Agriculture and Natural Sciences
General Technology – Division of General Studies
Industrial Technology – College of Technology at Crossett
Law Enforcement Administration – School of Social and Behavioral Sciences
Nursing (LPN to RN) – School of Nursing

Associate of Arts – Division of General Studies

Associate of Science

Agriculture - College of Forestry, Agriculture and Natural Resources
Land Surveying Technology - College of Forestry, Agriculture and Natural Resources
Natural Resources Management- College of Forestry, Agriculture and Natural Resources
Criminal Justice-School of Social and Behavioral Sciences
Business Administration – School of Business
Computer Information Systems – School of Computer Information Systems

Bachelor of Arts

Art – School of Arts and Humanities
Communication – School of Arts and Humanities
English – School of Arts and Humanities
Health and Physical Education, non-licensure – School of Education
History – School of Social and Behavioral Sciences
K-6 Elementary Education – School of Education
Liberal Arts – School of Arts and Humanities
Middle Childhood Education – School of Education
Modern Languages – School of Arts and Humanities
Music – School of Arts and Humanities
Political Science – School of Social and Behavioral Sciences

Bachelor of Applied Science – Division of General Studies

Bachelor of Business Administration – School of Business
Accounting
Business Administration

Bachelor of Interdisciplinary Studies– Division of General Studies

Bachelor of Music Education– School of Arts and Humanities

Bachelor of Science

Agriculture – College of Forestry, Agriculture and Natural Resources
Biology – School of Mathematical and Natural Sciences
Chemistry – School of Mathematical and Natural Sciences
Computer Information Systems – School of Computer Information Systems
Criminal Justice – School of Social and Behavioral Sciences
Education Studies – School of Education
Health and Physical Education (K-12 Non-licensure) – School of Education
Exercise Science – School of Education
Land Surveying – College of Forestry, Agriculture and Natural Resources
Mathematics – School of Mathematical and Natural Sciences
Natural Resources Management – College of Forestry, Agriculture and

Natural Resources
Natural Science – School of Mathematical and Natural Science
Psychology – School of Social and Behavioral Sciences
Teaching and Learning – School of Education

Bachelor of Science in Nursing– School of Nursing

Bachelor of Social Work– School of Social and Behavioral Sciences

Master of Arts in English – Graduate Programs

Master of Arts in Teaching--online– Graduate Programs

Master of Education-online– Graduate Programs
Education
Educational Leadership

Master of Fine Arts-online– Graduate Programs
Creative Writing
Debate and Communication

Master of Music in Jazz Studies-low residency– Graduate Programs

Master of Physical Education and Coaching-online– Graduate Programs

Master of Science– Graduate Programs
Forest Resources

Pre-Professional Studies

The University's faculty provides courses to prepare students in numerous professional programs. These programs include:
Pre-Veterinary – College of Forestry, Agriculture and Natural Resources or School of Mathematical and Natural Sciences
Pre-Engineering – School of Mathematical and Natural Sciences
Allied Health – School of Mathematical and Natural Sciences
Pre-Dentistry – School of Mathematical and Natural Sciences
Pre-Medicine – School of Mathematical and Natural Sciences
Pre-Pharmacy – School of Mathematical and Natural Sciences
Pre-Law – School of Social and Behavioral Sciences

Advanced Technical Certification– College of Technology at Crossett
Electromechanical Technology Instrumentation

Technical Certifications

Advanced Manufacturing Technology – College of Technology at Crossett
Automotive Service Technology – College of Technology at Crossett or McGehee
Business Technology – College of Technology at Crossett or McGehee
Crime Scene Investigation – School of Social and Behavioral Sciences
Diesel Technology and Transportation – College of Technology at McGehee
Early Childhood Education – College of Technology at Crossett or McGehee
Electromechanical Technology – College of Technology at Crossett
Emergency Medical Technology (Paramedic) – College of Technology at McGehee
Health Information Technology – College of Technology at Crossett or McGehee
Health Professions – College of Technology at Crossett or McGehee
Heating, Ventilation, Air Conditioning, and Refrigeration – College of Technology at Crossett
Heavy Equipment Operation – College of Technology at McGehee
- Construction
- Timber Production
Hospitality Services – College of Technology at Crossett or McGehee
Industrial Production Technology – College of Technology at Crossett
Law Enforcement Administration – School of Social and Behavioral Sciences
Practical Nursing – College of Technology at Crossett or McGehee
Welding Technology – College of Technology at Crossett or McGehee

Certificates of Proficiency

Automotive Diagnostics – College of Technology at McGehee
Basic Business Principles – College of Technology at Crossett or McGehee
Child Development Associate – College of Technology at Crossett or McGehee
Crime Scene Investigation – School of Social and Behavioral Sciences
Emergency Medical Technology/Technician Basic – College of Technology at McGehee
Healthcare Office Skills – College of Technology at Crossett or McGehee
Heating, Ventilation, Air Conditioning, and Refrigeration Fundamentals – College of Technology at Crossett
Heavy Equipment and Basic Maintenance – College of Technology at McGehee
Hospitality Skills – College of Technology at Crossett or McGehee
Industrial Equipment Repair – College of Technology at Crossett

Law Enforcement Administration – School of Social and Behavioral Sciences
Manufacturing Principles – College of Technology at Crossett
Nursing Assistant – College of Technology at Crossett
Phlebotomy-College of Technology at Crossett or McGehee
Timber Equipment Safety and Operation – College of Technology at McGehee
Tractor-Trailer Operations – College of Technology at McGehee
Welding – College of Technology at Crossett or McGehee

For students who have not decided upon an academic major during their first two years of enrollment, the University provides a program of general studies. Students may complete the Associate of Arts degree without deciding upon a major. Alternatively, students may earn the Associate of Arts degree while completing freshman and sophomore course requirements for a chosen major.

Academic Support Units

Continuing Education

The University seeks to meet the educational needs of the working adult, and life enrichment and skill development needs of children and adults of all ages. Programs offered through Continuing Education range from full semester courses to one- or two-month mini-courses or workshops lasting from one day to a week or more. Some programs are offered in partnership with professional, business, and public service organizations.

Continuing education courses may be offered throughout the Southeast Arkansas area, based on demand. Some continuing education courses are designed and taught specifically for business and industry to assist with the training of their employees; as a result, some classes have prerequisites. Courses leading to licensure generally require that an individual be at least 18 years of age to take the credentialing examination(s).

Fees for any continuing education course vary according to the specific curriculum as well as the cost of books and supplies. Classes in continuing education are offered through each campus. Please contact the offices below for specific information regarding continuing education.

Office of Advancement

Administration Building, Monticello
Telephone: (870) 460-1028 / Fax: (870) 460-1324
Mailing Address: P. O. Box 3520, Monticello, AR 71656

UAM College of Technology at Crossett

Telephone: (870) 364-6414 / Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635

UAM College of Technology at McGehee

Telephone: (870) 222-5360 / Fax: (870) 222-4709
Mailing Address: P. O. Box 747, McGehee, AR 71654

Distance Education

Location: Harris Hall, first floor, Monticello
Telephone: (870) 460-1663 / Fax: (870) 460-1920
Mailing Address: P.O. Box 3626, Monticello, AR 71656
Website: http://www.uamont.edu/pages/resources/information-technology/

The University employs distance education to help fulfill its mission. Distance education services primarily support web-based instructions.

Information Technology

Location: Harris Hall, first floor, Monticello
Telephone: (870) 460-1036
Fax: (870) 460-1920
Website: http://www.uamont.edu/pages/resources/information-technology/
E-Mail: weevilnet@uamont.edu
Mailing Address: P. O. Box 3626, Monticello, AR 71656

The University provides an opportunity for students and other members of the UAM community to enhance their educational experiences and expand their academic knowledge by making available access to computer facilities and resources including the Internet. Computing and networking resources have been allocated for academic activities that are consistent with the mission and goals of the University; i.e., to support teaching, research, administrative processes, UAM sponsored community service, and other legitimate pursuits. Each faculty and staff member is eligible for an email account and Internet access, as is any student who is enrolled in three or more hours (credit or audit).

The Department of Information Technology is responsible for administering and/or overseeing the campus computer network including all network connections in campus offices, labs, and residence halls, as well as the campus public computer labs and facilities. Information Technology also provides support for distance education services.

The Library

Taylor Library and Technology Center, Campus Quadrangle
Telephone: (870) 460-1080 / Fax: (870) 460-1980
Website: http://www.uamont.edu/pages/library/
Mailing Address: P. O. Box 3599, Monticello, AR 71656

Library/Media Center, Crossett
Telephone: (870) 364-6414 / Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635

Library/Resource Center, McGehee
Telephone: (870) 222-5360 / Fax: (870) 222-4709
Mailing Address: P.O. Box 747, McGehee, AR 71654

The Taylor Library and Technology Center facility is centrally located on the Monticello campus. The Monticello campus collections comprise over 400,000 items including books, bound periodicals, microforms, government documents, and archival materials, as well as print journal and electronic journal subscriptions.

The UAM College of Technology at Crossett Library/Media Center holds over 7,000 items. This branch collection includes reference books, periodicals, technical and industrial books, and other learning resources.

The Library home page, from the UAM website, furnishes access to electronic research subject databases, most of which are full-text, as well as links to web sites of interest to graduate and undergraduate students. The Library participates in ARKLink, a statewide reciprocal borrowing agreement program. Memberships in regional and national computer networks provide extensive opportunities for research and promote resource sharing.

Registrar's Office

Location: Harris Hall, Room 102, Monticello
Telephone: (870) 460-1034 / Fax: (870) 460-1935
E-Mail: Registrar@uamont.edu
Mailing Address: P. O. Box 3598, Monticello, AR 71656

The Registrar's Office supervises registration for classes, maintains academic records, verifies the awarding of certificates and degrees, issues diplomas and issues transcripts.

The Center for Writing and Communication

Location: Taylor Library Room 203, Monticello
Telephone: (870) 460-1378
Email: olsen@uamont.edu
Website: http://www.uamont.edu/pages/school-of-arts-humanities/writing-center/
Mailing Address: P.O. Box 3460, Monticello, AR 71656

The Center for Writing and Communication (CWC) is a comfortable, communal space where UAM students may work on all kinds of writing projects. The CWC staff consists of trained undergraduate student consultants who assist writers at all stages of the writing process: pre-writing, drafting, revising, proofreading, and publishing. Students may meet with consultants one-on-one or in groups and engage in a conversation aimed at developing and improving writing in any genre, in any major. While the CWC is not an editing service, consultants always provide extensive feedback, suggestions and support on student writing.

The CWC features a suite of laptop computers and a resource library with updated handbooks and writing guides. The CWC also sponsors various writing-related activities throughout the school year, such as the Creative Writer's Circle, workshops, write-ins, and game nights.

Other Support Units

UAM Adult Education has centers at the following addresses:

UAM Adult Education / WAGE - Crossett
1326 Hwy 52 West, Crossett, AR 71635
Phone: (870) 364-6414 / Fax: (870) 364-5707

UAM Adult Education Satellite Program/WAGE - Crossett
304 North Alabama Street, Crossett, AR 71635
Phone: (870) 619-4737 / Fax: (501) 476-4462

UAM Adult Education / WAGE - Dumas
130 West Waterman Street, Dumas, AR 71639
Phone: (870) 382-2157 / Fax: (870) 382-6786

UAM Adult Education / WAGE - Eudora
Adult Education Program
144 West Armstrong Street, Eudora, AR 71640
Phone: (870) 355-9022

UAM Adult Education / WAGE - Hamburg
311 N. Mulberry, Hamburg, AR 71646
Phone: (870) 853-8278 / Fax: (870) 853-9840

UAM Adult Education / WAGE - Lake Village
Adult Education Program
308 Main Street, Lake Village, AR 71653
Phone: (870) 632-5042

UAM Adult Education / WAGE - McGehee
Adult Education Program
1609 E. Ash Street, McGehee, AR 71654
Phone: (870) 222-5360 / Fax: (870) 222-4709

UAM Adult Education / WAGE - Monticello
Adult Education Program
809 Hwy 278 East, Monticello, AR 71655
Phone: (870) 224-8150 / Fax: (870) 224-8165

UAM Adult Education / WAGE - Star City
Adult Education Program
102 West Wiley Street, Star City, AR 71667
Phone: (870) 628-5287 / Fax: 870-628-4801

UAM Adult Education Program is designed to strengthen an individual's academic skills in reading, language, math, and other subjects.

The Adult Education Program is open to individuals 18 years of age or older who are not enrolled in a high school program. An applicant for enrollment may be asked to provide proof of age. Individuals under the age of 18 can be enrolled only in accordance with the Arkansas Act 1659 of 2001 as amended by Act 604 of 2003.

The Adult Education Program also serves high school graduates who desire to take refresher courses to prepare for employment or other school or college entrance tests, etc. The program also serves non-high school graduates who want to earn a high school equivalency diploma (General Educational Development-GED). In addition to academic classes, life skills and employability skills training are available through the Adult Education Program.

The Adult Education Program is of no cost to students and is operated on an open-entry/open-exit basis. Effective January 1, 2014, a testing fee for the official GED test has been implemented by the State of Arkansas. Vouchers to cover this fee are available. Call one of the local Adult Education Centers for more details. Orientation and assessment sessions are scheduled regularly. Some centers have scheduled classes for day, night and Saturdays (upon request). Satellite classes can be established wherever there is sufficient demand as determined and approved by the Arkansas Department of Career Education/Adult Education Division. Class schedules are not the same on all campuses; please contact the Adult Education Program on each campus for exact dates and times of Adult Education Programs.

STEM Center

Location: School of Education, Willard Hall Room 125
Telephone: (870) 460-1062
Website: http://www.uamont.edu/pages/school-of-education/partnerships/math-and-science-stem-center/

The UAM Math and Science STEM Center encompasses 14 area school districts. The center promotes the enrichment of knowledge, teaching and learning in math, science, and education technology for K-16 by creating services and resources for teachers, administrators, students and parents while linking public schools with higher education, businesses and cooperatives.

The UAM Math and Science STEM Center is an Arkansas Department of Education approved Professional Development Provider as well as a Professional Development Approver for professional development on the UAM campus.

Math and Science Educational Specialists provide inquiry-based model lessons, content area knowledge, workshops, classroom technology and inquiry-based training. They provide materials and resources for local area school district use and provide instructional strategies, facilitation, coaching, and educational leadership. In addition, the STEM Center also provides curriculum alignment, mapping and assessment data analysis and grant writing and Science Fair coordination.

Concurrent Enrollment

Location: Division of General Studies
Monticello Telephone: (870) 460-1668/Fax: (870) 460-1933
McGehee Telephone: (870) 222-5360
Crossett Telephone: (870) 364-6414

High school students who meet University guidelines may enroll in concurrent enrollment courses that are offered for academic credit at both the University and the high school level. A student should contact his/her high school counselor or principal for current course offerings. To receive concurrent credit, a student must be admitted to the University of Arkansas at Monticello as a pre-freshman student. See the Admissions section of this catalog for details regarding admission requirements.



Undergraduate Admissions

Any person wishing to register for a single course or a full schedule of classes must first be admitted to the University. Required documents are to be sent to:

Office of Admissions

Student Success Center, Suite 101
P. O. Box 3600
Monticello, AR 71656
Telephone: (870) 460-1026 or 1-800-844-1826 (toll free)
Fax: (870) 460-1926
Website: http://www.uamont.edu/pages/admissions/
Email: admissionsoffice@uamont.edu

Applicants are encouraged to submit all documents at least thirty days prior to the beginning of the semester or term of intended enrollment. Applicants who do not complete an application for admission at least 14 days prior to registration for any semester or term may have to register late or miss the deadline to be admitted to the university.

A faxed copy of an official document is not acceptable, and academic records in the student's possession will not be considered official transcripts. While copies such as these may be used for information or advising purposes, they will not satisfy admission requirements.

Any student who falsifies admission materials or misrepresents eligibility for admission will be subject to immediate dismissal from the University.

Admission Requirements

University requirements include: (1) a completed application for admission, (2) college entrance exam scores (used to determine academic program eligibility and course placement), and (3) official academic transcripts. The University also requires all first-time freshmen to sign acceptance of an 8-Semester Program of Study or a waiver of the 8-Semester Program of Study to become fully admitted.

Other requirements include: (1) Proof of immunization against measles, mumps, and rubella. Two MMR injections or proof of serological immunity is required. It is the responsibility of the student to request any exemption through the Arkansas Dept. of Health, 4815 W. Markham, Little Rock, Arkansas 72205. Proof that the student was born prior to January 1, 1957, will be accepted in lieu of receiving a vaccine. (2) A selective service statement. Students who are required to register with selective service must sign a statement attesting that they have registered or are exempt from doing so. This

statement appears on the application for admission and must be completed by all male applicants. (3) For international students, proof of tuberculin skin testing or a chest x-ray within the last six months is required.

Arkansas Law states that all students who are foreign born are subject to the requirements of the Arkansas Department of Health Tuberculosis Screening Program for Foreign Born University and College Students. These students must contact UAM Student Health Services (870-460-1051) for required forms and further details.

College Entrance Exam Scores

College entrance exam scores are used to determine academic program eligibility and placement into the appropriate mathematics and/or English courses.

The ACT is the preferred college entrance exam; however, SAT or ACCUPLACER scores will be accepted. Scores should be provided from an exam within the previous five years. Test scores must be sent by the testing agency or be recorded on an official transcript. The Office of Admissions will provide testing information to students who have not taken a college entrance examination within the previous five years. The institutional codes are: 0110 for ACT and 6007 for SAT.

High school students are advised to take college entrance exams no later than the first half of their senior year. Students should request the testing agency send their scores to the University of Arkansas at Monticello.

Transfer students who have not completed general education mathematics and/or English requirements with a grade of "C" or higher may be required to provide college entrance exam scores. Or, a continuing student may be placed in the appropriate level of mathematics and/or English to continue studies until general education requirements are met.

Transcripts

Each freshman student who has graduated from an accredited high school must submit an official copy of his/her transcript from the high school showing a diploma has been earned. Freshmen who have passed the GED must submit the GED certificate and scores in lieu of the high school transcript. Transfer students must request that official transcripts be mailed directly to the Office of Admissions from each institution attended including high school transcripts.

Readmission of Former Students

A student who has attended UAM in previous years but has not attended for one semester or more is required to complete an application for admission and submit official transcripts of college work from all institutions attended since the last enrollment at the University. Because admission requirements are subject to change, additional documents may be required.

Former University students who have attempted fewer than 30 hours of credit and who have not attended a college or university during the last two years (24 months) will be placed under the catalog in effect when they re-enroll at UAM. The catalog chosen and the student's graduation may not span a period of more than six (6) years.

Freshman Early Admission

Students who submit an application for admission, ACT, SAT or ACCUPLACER scores, proof of required immunizations, and a six- or seven-semester transcript may be admitted during their senior year in high school. Following graduation, the student must request that a final transcript reflecting all credits, grades, and graduation date be sent to the University.

Transfer Admission

In addition to an application for admission and proof of immunizations, any student who has attended other colleges/universities must assure that transcripts of all work attempted from all schools attended be sent from those institutions directly to the UAM Office of Admissions.

Transfer students must be eligible to return to the institution previously attended. If either the cumulative or previous semester's grade point is less than a 2.00 (on a 4.00 scale), the student will be admitted on Academic probation as described in the Academic Regulations section in this catalog. Transfer students are also subject to the Transfer Policy in the Academic Regulations section.

Pre-Freshman Admission

Academically capable students may register for college courses at the University prior to high school graduation. As a pre-freshman, a student must provide an application for admission, a high school transcript, proof of immunization, placement test scores, and a letter from the principal indicating that the student may enroll in college-level work.

Students who take college courses at UAM while they are still in high school will be required to meet all admission requirements for beginning freshmen upon graduation from high school. Courses taken while the student is a pre-freshman will then be applied toward a degree program at UAM or they may be transferred to other colleges or universities. The Office of the Registrar will report credits and grades earned to high school officials when the student provides a

written request. Students taking college courses from another institution must provide official transcripts to UAM.

Whether courses taken at the University satisfy high school graduation requirements is a determination made exclusively by high school administrators where the student is in attendance.

Special Student Admission

An individual who does not wish to pursue an academic degree but would like to enroll for a limited number of courses may enroll as a special student. A student may be admitted to this category with an application for admission and proof of required immunizations. To enroll in an English or mathematics course, the student must provide college entrance test scores.

A special student may not normally attempt more than six hours in any single term and may not declare a major. Credits earned from other institutions may not be transferred until the student meets all admission requirements to the University. After completing 18 hours, the special student may be required to complete all admission requirements and undertake a program leading to a degree.

A student on suspension from any college or university will not be allowed to receive special student status.

Admission of Visiting Students

Students who are enrolled in another institution of higher education (to which they intend to return) and who wish to take courses at the University of Arkansas at Monticello must submit an application for admission, proof of required immunizations, and a letter of good standing from the institution they are currently attending. To enroll in an English or mathematics course, the student must provide college entrance test scores.

Visiting student status is limited in duration and in the number of hours that can be accumulated. The visiting student who subsequently decides to pursue a degree at UAM must submit all documentation required of transfer students and request a change of status in the Office of the Registrar.

Post-Baccalaureate Admission

Those who have already attained at least a baccalaureate degree and who wish to take additional undergraduate courses toward an additional degree are required to complete an application for admission, official high school transcript, provide proof of required immunizations, and official transcripts from all institutions granting college credit. Students who wish to take only limited additional courses may enter as a special student (See Special Student Admission).

Graduate Admission

All interested students must file an application for admission, supply proof of required immunizations, provide an official transcript verifying the baccalaureate degree, and submit any additional transcripts for hours earned beyond the baccalaureate degree. GRE scores may also be required.

Students must contact the School of Arts and Humanities, the School of Education or the College of Forestry, Agriculture and Natural Resources for additional information regarding graduate program admission. (See Graduate Programs, p. 317).

Provisional Admission

Provisional admission may be extended to the student who has not completed the admission process at the time of registration. Proof of at least one MMR injection or serological testing, college entrance exam scores, and a completed selective service statement must be provided before provisional admission may be granted. Completed immunization records, and all required documentation must be submitted by the last class day of a semester or summer term.

During fall and spring semesters, first-time freshmen must submit a signed acceptance of an 8-Semester Program of Study or a waiver of the 8-Semester Program of Study by the 5th class day. Students who do not meet the deadline(s) stated above may be administratively withdrawn from classes by the Registrar with no refund of tuition and fees, and the student will be ineligible to register provisionally for a future semester. Financial aid may also be affected.

Questions about provisional admission should be directed to the Office of Admissions or the Office of the Registrar.

Admission of International Students

UAM is a SEVIS approved institution and is authorized under federal law to enroll non-immigrant students with "F1" or "M1" student visas. Citizens of foreign countries who wish to attend UAM should request admission information from the Office of Admissions. The application for admission should be completed and submitted at least three months prior to the beginning of the semester of registration. To be fully admitted to the University, all supporting documentation must be on file before an I-20 is produced for the semester of registration.

International applicants must meet the following requirements:

1. Submit a completed application for admission.
2. Submit official college entrance exam scores (ACT or SAT).
3. Submit certified copies of all academic records. All documents submitted must be the original, or a certified copy of the original document, and must be translated into the English language. Foreign transcripts must be translated into the English language by a

certified agency. The information should come from the agency to UAM's international office, and include course descriptions and any other pertinent information. The expense for this is incurred by the incoming student, and must be completed before being admitted to the university. Evaluation and acceptance of credits will be determined by the University of Arkansas at Monticello.

4. If the applicant's native language is other than English, an official transcript of the score for the Test of English as a Foreign Language (TOEFL) must be submitted directly from a licensed testing service. For undergraduate applicants the required score for the paper-based test is 500, the required score for the computer-based test is 173, and the required score for the internet-based test is 61. For graduate applicants the required score for the paper-based test is 550, the required score for the computer-based test is 213, and the required score for the internet based test is 80. The International English Language Testing System is also an accepted exam for English competency and may be submitted officially from a licensed testing service. Minimum undergraduate International English Language Testing System (IELTS) score is 5.5. Minimum International English Language Testing System (IELTS) is 6.0. Acceptance of any other English competency examination or scores must be approved by the International Officer.

5. The applicant must submit a certified statement from a financial institution verifying that the applicant has on deposit a minimum amount that will cover the cost of attendance for at least one academic year. An additional financial statement is required on a yearly basis.

6. The applicant must be in good physical health as certified by a licensed physician. An international applicant must purchase health insurance and present evidence before enrollment. Proof of immunization that is required includes two doses of MMR vaccine. A current tuberculin skin test or chest x-ray dated in the last six months is required. Other immunization requirements may also be requested. Arkansas Law states that all students who are "foreign born" are subject to the requirements of the Arkansas Department of Health Tuberculosis Screening Program for Foreign Born University and College Students. These students must contact UAM Student Health Services (870-460-1051) for required forms and further details.

7. Transfer students must be in good standing at the institution from which they are transferring and must have a minimum grade point average of 2.00 (based on a 4.00 scale). In addition, transfer students must provide copies of Immigration Credentials (I-20s, passport visa, I-94 verification).

8. All graduate applicants may be required to submit official scores for the GRE (Graduate Record Exam). Graduate students should consult the Graduate Programs of this catalog for details.

An international student receives campus information from the International Officer when arriving. This includes Homeland Security guidelines.



Fees & Expenses

Tuition and fees for all campuses in the University of Arkansas System are approved by the University of Arkansas Board of Trustees and are subject to change.

Undergraduate Tuition and Required Fees- Arkansas Resident

Fall/Spring Semester/Summer Terms
Monticello campus

Type	Cost per Hour	Per Semester/Term
Tuition	$159.30/hour	$2389.50
Technology Infrastructure Fee	$19.00/hour	$285.00
Activity Fee	$5.00/hour	$75.00
Instructional Equipment Fee	$9.00/hour	$135.00
Athletic Fee	$18.00/hour	$270.00
Facilities Fee	$16.00/hour	$240.00
Library Enhancement Fee	$4.00/hour	$60.00
Wellness Fee	$2.00/hour	$30.00
University Police Department Fee	$6.00/hour	$90.00
Student Success Initiative Fee	$12.50/hour	$187.50
Deferred Maintenance Fee	$12.50/hour	$187.50
Assessment Fee	$5.00/$3.00	

UAM Colleges of Technology at Crossett and at McGehee Technical Tuition

Type	Cost per Hour	Per Semester/Term*
Tuition	$90.25/hour	$1,353.75
Technology Infrastructure Fee	$12.00/hour	$180.00
Facilities Fee	$4.65/hour	$69.75
Student Success Initiative Fee	$3.50/hour	$52.50
Deferred Maintenance Fee	$3.50/hour	$52.50
Certification and Academic Enhancement Fee	$3.20/hour	$48.00
Assessment Fee	$5.00/$3.00	

***Based on 15 hours**

Undergraduate Tuition and Required Fees- Out-of-State Resident

Fall/Spring Semester/Summer Terms

An out-of-state resident is one who is not a bonafide resident of the State of Arkansas. The out-of-state tuition may be waived for students from the contiguous states of Texas, Oklahoma, Missouri, Tennessee, Mississippi, and Louisiana.

Type	Cost per Hour	Per Semester/Term*
Tuition	$159.30/hour	$2389.50
Out-of-State Tuition	$195.00/hour	$2,925.00
Total Out-of-State Tuition	$354.30/hour	$5,314.50
Technology Infrastructure Fee	$19.00/hour	$285.00
Activity Fee	$5.00/hour	$75.00
Instructional Equipment Fee	$9.00/hour	$135.00
Athletic Fee	$18.00/hour	$270.00
Facilities Fee	$16.00/hour	$240.00
Library Enhancement Fee	$4.00/hour	$60.00
Wellness Fee	$2.00/hour	$30.00
University Police Department Fee	$6.00/hour	$90.00
Student Success Initiative Fee	$12.50/hour	$187.50
Deferred Maintenance Fee	$12.50/hour	$187.50
Assessment Fee	$5.00/$3.00	

Colleges of Technology-Crossett and McGehee Technical Tuition

Type	Cost per Hour	Per Semester/Term*
Tuition	$90.25/hour	$1,353.75
Out-of-State Tuition	$20.00/hour	$300.00
Total Out-of-State Tuition	$110.25/hour	$1,653.75
Technology Infrastructure Fee	$12.00/hour	$180.00
Facilities Fee	$4.65/hour	$69.75
Student Success Initiative Fee	$3.50/hour	$52.50
Deferred Maintenance Fee	$3.50/hour	$52.50
Certification and Academic Enhancement Fee	$3.20/hour	$48.00
Assessment Fee	$5.00/$3.00	

*Based on 15 hours

Graduate Tuition and Fees

Fall Semester/Spring Semester/Summer Terms

Type	Per Semester
Tuition/Arkansas Resident	$276.30/hour
Out-of-State Tuition*	$245.00/hour
Total Out-of-State Tuition	$521.30/hour
Technology Infrastructure Fee	$19.00/hour
Activity Fee	$5.00/hour
Student Success Initiative Fee	$12.50/hour
Deferred Maintenance Fee	$12.50/hour
Instructional Equipment Fee	$9.00/hour
Athletic Fee	$18.00/hour
Facilities Fee	$16.00/hour
Library Enhancement Fee	$4.00/hour
Wellness Fee	$2.00/hour
University Police Department Fee	$6.00/hour

*The out-of-state tuition charge may be waived for students from the contiguous states of Texas, Oklahoma, Missouri, Tennessee, Mississippi, and Louisiana.

Senior Citizen Fee Waiver

Tuition and fees for Arkansas residents age 60 or older are waived. Individuals under this policy must pay all miscellaneous fees that may be required. Enrollment in a class for this group is contingent upon available space.

Residence Hall Fees

Fall Semester/Spring Semester Terms

Residence halls are open to any student who is enrolled on any campus of the University of Arkansas at Monticello.

Unlimited Meal Plan ($65 Declining Balance)	$1,755.00/semester
Any 15 meals ($100 Declining Balance)	$1,705.00/semester
Any 10 meals ($150 Declining Balance)	$1,645.00/semester
55 Meal Block ($180 Declining Balance)	$695.00/semester
Commuter 10 Meal Plan	$90.00/semester
Commuter 25 Meal Plan	$200.00/semester
Commuter 50 Meal Plan	$400.00/semester
Commuter ($125 Declining Balance)	$125.00/semester*
All ($450 Declining Balance)	$400.00/semester

*Required for students in 6 hours or more

Residence Hall Fees

Summer Semester Terms

Residence halls are open to any student who is enrolled on any campus of the University of Arkansas at Monticello.

Any 10 meals ($40 Declining Balance)	$380.00/semester
Any 15 meals ($25 Declining Balance)	$390.00/semester

Room fee based on double occupancy:

Bankston Hall	$1,835.00/semester
Royer Hall	$1,500.00/semester
Maxwell Hall Suite	$1,835.00/semester
Horsfall Hall	$1,560.00/semester
Student Apartments	$2,445.00/semester
Residence Hall Damage Deposit	$100.00
Student Apartment Damage Deposit	$100.00
Lease Cancellation Fee	$400.00

Additional private room fee contingent upon availability:

Bankston Hall	$425.00/semester
Royer Hall	$425.00/semester
Horsfall Hall	$425.00/semester
Maxwell Hall	$425.00/semester

Miscellaneous Fees

Auto Registration $30.00/year
(See University Police Department section elsewhere in catalog.)
Dropping and/or Adding Classes $10.00/visit
Late Registration $25.00
I.D. Replacement Fee $10.00
Internship Fee $30.00
Internship Fee Out of Service Area $450.00
Distance Education Fee for remote CIV classes and any online class ..... $40.00/credit hour
Vocal and Instrumental Private Instruction ..... $75.00/one credit hour (per course), $110.00/two or three credit hours (per course)
Band Fee ..... $25.00/Fall semester
Student Nursing Insurance $20.00/year
Science Lab Fee $25.00/course
Forestry Summer Camp Fee $300.00
International Graduate Registration Fee $50.00
Graduate Thesis Binding Fee $150.00
Transcripts $10.00/copy
Horse Boarding Fee $100.00/semester
SIS Lab Fee $25.00/course
Nursing Student AASN Review Fee $176.66/course
Nursing Student BSN Review Fee $106.00/course
Experiential Learning Assessment Fee $80.00/course
Returned Check Charge $25.00/check
Developmental Course Fee ..... $5.00/credit hour
Nursing Assessment Fee $292.00/course
Paramedic Assessment Fee $195.00/course
EMT Assessment Fee $70.00/course
Nursing Clinical Fee ..... $30.00/nursing course credit hour
Automotive Assessment Fee ..... $15.00/credit hour
Automotive Laboratory Fee ..... $20.00/credit hour
AHEOTA Laboratory Fee ..... $40.00/credit hour
Welding Laboratory Fee $50.00/course
Culinary Laboratory Fee $50.00/course
Electromechanical Laboratory Fee $30.00/course
Child Development Care Insurance $20.00/year
Child Development Assessment Fee $50.00/semester
Child Care Laboratory Fee $50.00/course
EMT-Paramedic Student Insurance $20.00/year
EMT-Paramedic Laboratory Fee ..... $20.00/credit hour
Welding Certification Fee $25.00/test
Advanced Welding Certification Fee $50.00/test
Early Child Care Background Check Fee $58.00/year
Computer Lab Fee $25.00/course
Early Childhood Lab Fee $50.00/course
Diesel Lab Fee ..... $40.00/credit hour
HVACR Lab Fee $30.00/course
AMT Lab Fee $30.00/course

Estimate of Expenses

The following figures represent estimated costs that a full-time undergraduate Arkansas resident student taking 15 hours will incur while attending the University of Arkansas at Monticello.

Tuition/Fees	Semester	Year
Tuition	$2,389.50	$4,779.00
Technology Infrastructure Fee	$285.00	$570.00
Activity Fee	$75.00	$150.00
Instructional Equipment Fee	$135.00	$270.00
Athletic Fee	$270.00	$540.00
Facilities Fee	$240.00	$480.00
Library Enhancement Fee	$60.00	$120.00
Wellness Fee	$30.00	$60.00
University Police Department Fee	$90.00	$180.00
Assessment Fee	$5.00	$10.00
Student Success Initiative Fee	$187.50	$375.00
Deferred Maintenance Fee	$187.50	$375.00
Books and Supplies	$600.00	$1,200.00
Room and Board (Double Room, 7-day/15-Meal Plan)	$3,150.00	$6,300.00
Transportation	$675.00	$1,350.00
Personal Expenses	$1,125.00	$2,250.00
Totals	$9,504.50	$19,009.00

Summer Term

Tuition $159.30/hour
Technology Infrastructure Fee $19.00/hour
Activity Fee $5.00/hour
Instructional Equipment Fee $9.00/hour
Athletic Fee $18.00/hour
Facilities Fee $16.00/hour
Library Enhancement Fee $4.00/hour
Wellness Fee $2.00/hour
University Police Department Fee $6.00/hour
Assessment Fee $3.00/term
Student Success Initiative $12.50/hour
Deferred Maintenance Fee $12.50/hour
Books and Supplies $250.00*
Room and Board $570.00*
Transportation $150.00*
Personal Expenses $250.00*

Students who do not live in residence halls should subtract the room and board figure. Transportation, books and supplies, and personal expenses will vary according to individual student needs.

NOTE: All tuition and fees are subject to change upon approval by the University Board of Trustees.

Residency Status for Fee Purposes

A student's residency status for fee purposes is determined at the time of admission according to the policy established by the University of Arkansas Board of Trustees. Copies of the residency policy and petitions for change of residency status are available upon request from the Office of the Registrar. Petitions are reviewed by the Registrar and must be submitted to the Office of the Registrar no later than the last date to register for the semester or term for which the change is desired.

Payment of Accounts

All charges are due and payable in advance to the Cashier's Office. Cashier's office hours are 8:30 a.m.-4:00 p.m. Monday through Friday. At the time of registration, student accounts must be paid in full or arrangements made for full payment. The University offers the FACTS plan as a convenient method of tuition payment management. The FACTS plan provides a low cost option for budgeting tuition and other educational expenses. Students with unpaid accounts will not be eligible for transcripts or readmission to any semester or term until all accounts are paid in full. Personal checks will be accepted from students with no record of returned checks. A charge of $25 will be assessed for returned checks, and the student will be subject to revocation of registration.

NOTE: By enrolling in classes, either at early registration or regular registration, the student creates a financial liability in the amount of the tuition, fees, and any other charges pertinent to the enrollment process. The only way this financial liability can be eliminated is by payment from the student or his/her agent or formal cancellation of the enrollment by the student before the semester or term begins. Failure to attend class (es) does not reduce this liability. Failure to receive financial aid does not reduce this liability. Students must withdraw from the University in person or by written communication. The process for withdrawal can be found elsewhere in the Academic Regulations section of this catalog.

Refunds—Tuition and Fees

Withdrawal or Dropping Courses/Fall or Spring Semesters

Any student who officially withdraws from the University of Arkansas at Monticello during a fall or spring semester is entitled to a refund as follows:

Tuition and Fees

1. Up to and including three class days 100%
2. From the fourth class day through the tenth class day 50%
3. The eleventh class day and after NO REFUND

Any student who drops one or more courses and continues to be enrolled at the University during a fall or spring semester shall be entitled to individual course refunds as follows:

Tuition and Fees

1. Up to and including three class days 100%
2. The fourth class day and after NO REFUND

Withdrawal/Summer Term

Any student who officially withdraws from the University of Arkansas at Monticello during a summer term is entitled to a refund as follows:

Tuition and Fees

1. Two- to four-week term:
   (a) Prior to start of classes 100%
   (b) After classes have begun NO REFUND
2. Five- or six-week term:
   (a) Up to and including two class days 100%
   (b) From the third class day through the fifth class day 50%
   (c) The sixth class day and after NO REFUND
3. Seven and one-half- to nine-week term:
   (a) Prior to start of classes 100%
   (b) Up to and including seven class days 50%
   (c) The eighth class day and after NO REFUND
4. Ten- or twelve-week term:
   (a) Prior to start of classes 100%
   (b) Up to and including ten class days 50%
   (c) The eleventh class day and after NO REFUND

Dropping Courses/Summer Term

Any student who drops one or more courses and continues to be enrolled at the University during a five- or six-week summer term is entitled to individual course refunds as follows:

Registration, Tuition, and Fees

1. Up to and including two class days 100%
2. The third class day and after NO REFUND

The University will follow the refund policy for "Five- or six-week term" when the summer term is more than four weeks but less than five weeks.

The University of Arkansas at Monticello refund policy is subject to change if required by federal regulation or the University of Arkansas Board of Trustees. Appeals of the refund policy must be submitted in writing to the UAM Executive Council.

Refund – Bookstore

Any student who officially withdraws or drops a class at the University of Arkansas at Monticello during the fall or spring semester is entitled to a refund at the Bookstore as follows:

1. Up to and including five class days 100%
2. The sixth class day and after NO REFUND

Any student who officially withdraws or drops a class at the University of Arkansas at Monticello during a summer term is entitled to a refund at the Bookstore as follows:

1. Up to and including second class day 100%
2. The third class day and after NO REFUND

Students need to furnish a receipt from the purchase of books and a student ID when returning a book. The book must be in the same condition as when purchased.

Cash for Books

If a student misses the refund deadline, the Bookstore has "Book Buy Backs" at the end of each semester or term. This service pays cash directly to the student for textbooks.

Housing and Meal Plan Refund Policy

The housing/food service contract will be for the period of an academic year (Fall & Spring semesters) unless the contract is only for the Spring semester or Summer I or II terms.

Any student who cancels a room and board contract prior to moving into the residence halls will:

1. forfeit the housing deposit
2. have the room and board charges removed from his/her bill.

Any student who has checked into the residence halls and is unable to finalize and enroll in classes for that term will:

1. forfeit the housing deposit
2. be charged for the room and board on a prorated amount for the time that he/she stayed in the halls.

Any student who has checked into the residence halls, finalized their bill, and wishes to cancel the room and board contract prior to the end of the academic year will:

1. forfeit the housing deposit
2. receive a refund of the unused portion of their meal plan
3. not receive a refund on the room for the current semester
4. must buy out a subsequent semester for $400.00.

Any student who checks out of the residence halls at the end of an academic year, notifies University/Housing that they are not planning to return in the following year, has no damages in their room or outstanding debt on their student account will receive a full refund of their housing deposit.

Any extenuating circumstances justifying an exception to the above policies should be made in writing to the Executive Director of Residence Life or Director of Housing.

Residency Determination – Fees for Veterans, Military Personnel, and Dependents

For the purpose of tuition and fees applicable for all programs of study, including distance learning programs, effective July 1, 2017, a student shall be classified as in-state or resident, if the student meets any of the following criteria regardless of his or her residence:

1. A veteran who was honorably discharged or released from a period of not less than ninety (90) days of active duty in the United States Armed Forces within three (3) years before the date of enrollment in a program of study.
2. A dependent or spouse of a veteran who meets criteria above.
3. A member of the armed forces.
4. A spouse of a member of the armed forces.
5. A Reserve Officers' Training Corps cadet who has an executed armed forces service contract.
6. A dependent of a member of the active duty armed forces, when the member of the armed forces:
   a. is stationed in Arkansas pursuant to permanent change of station (PCS) military orders;
   b. is continuously domiciled in Arkansas for at least six consecutive months before entering active military service and who maintains Arkansas as the permanent home of record while on active duty; or
   c. demonstrates a change of bona fide domicile from another state to Arkansas at least twelve (12) consecutive months prior to separation, discharge, or retirement from active military duty. This provision is forfeited if the military person does not return to Arkansas within 36 months after separation, discharge, or retirement from active duty.
7. A Veteran using educational assistance under either Chapter 30 (Montgomery GI Bill ® – Active Duty Program), Chapter 31 (Vocational Rehab and Employment, "VR&E"), or Chapter 33 (Post-9/11 GI Bill ®), of Title 38 of the United States Code, who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal state of residence) and enrolls in the school within three (3) years of discharge or release from a period of active duty service of 90 days or more.
8. Anyone using transferred Post-9/11 GI Bill ® benefits (38U.S.C. § 3319) who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal state of residence) and enrolls in the school within three (3) years of the transferor's discharge or release from a period of active duty service of 90 days or more.
9. Anyone described in paragraphs 7 and 8 while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school.

The person so described must have enrolled in the school prior to the expiration of the three (3) year period following discharge or release as described in paragraphs 7 and 8 and must be using educational benefits under either Chapter 30, Chapter 31, or Chapter 33, of Title 38, United States Code.

10. Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal State of residence).

11. Anyone using transferred Post-9/11 GI Bill ® benefits (38 U.S.C. § 3319) who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.

12. A member of the armed forces or "covered individual" as identified in Section 702 of the Veterans Access, Choice and Accountability Act of 2014.

This systemwide policy and procedure has been amended as necessary for compliance with the requirements of 38 U.S.C. 3679, as amended and ARK. Code Ann. § 6-60-205.

(For the purpose of this policy, dependents are unmarried children who are legal dependents of the military person as defined by the IRS.)



Financial Assistance

Financial Aid Office

Harris Hall, third floor, Monticello
P. O. Box 3470
Monticello, AR 71656
Telephone: (870) 460-1050
Toll Free 1-800-226-2643

The four types of aid administered by the Financial Aid Office include grants, work-study, student loans, and scholarships, which are described in detail below. Amounts offered are based on Federal eligibility requirements, availability of funds, and in most cases **FULL-TIME (undergrad: 12+ hours/ graduate: 6+ hours)** enrollment. Students are encouraged to monitor WeevilNet and their official UAM email address for important financial aid updates and information.

ENROLLMENT POLICY

All financial aid offers are based on full-time enrollment. Students are required to notify the Financial Aid Office if they will be less than full-time by submitting the Financial Aid Enrollment Form located on the Financial Aid Forms page. Enrollment statuses are calculated as follows:

UNDERGRADUATES

Full -time	12+ credit hours
Thee-quarter-time	9-11 credit hours
Half-time	6-8 credit hours
Less-than-half-time	1-5 credit hours

GRADUATES

Full -time	6+ credit hours
Thee-quarter-time	4-5 credit hours
Half-time	3 credit hours
Less-than-half-time	<3 credit hours

Note: *Federal Loan eligibility requires a minimum of half-time enrollment (undergraduate: 6 hours/graduate: 3 hours).*

Enrollment at Census

For financial aid purposes, the UAM Financial Aid Office will consider students' enrollment status as their official enrollment status. Enrollment Census occurs on the 11th day of class (5th day of class for Summer), and financial aid may be adjusted to reflect students' official enrollment status at this time. If a student's enrollment has changed and they have not notified the Financial Aid Office since applying for financial aid and/or finalizing registration with the UAM Cashier's Office, financial aid offers may be subject to change after the enrollment census date.

Credit hours that are to be added by override (i.e., green/purple cards) will not count towards students' financial aid enrollment status unless the override is completed and you are registered for class by the 11th day of class for the applicable semester (5th day of class for Summer).

APPLYING FOR FINANCIAL AID

FAFSA

Students may apply for all Federal aid programs by completing the Free Application for Federal Student Aid (FAFSA), which can be done using the new STUDENT AID SMART PHONE APP, or by visiting www.fafsa.ed.gov. Students are encouraged to apply early because some types of aid have limited funding.

To receive aid, students must meet all other eligibility requirements (i.e. Satisfactory Academic Progress [SAP], have remaining Pell Grant Lifetime Eligibility or Direct Loan aggregate limits, etc.). Eligible students will be offered Federal financial aid, and an offer notification will be sent to students' official UAM e-mail address.

Verification of applicant data may be required. No financial assistance will be offered until required documentation is received and application data is determined to be correct. Students selected for verification will be notified on WeevilNet and their official UAM e-mail address.

NOTE: *Processing times for verification are 2-3 weeks from the date that all requested documentation has been received.*

Deadline

This date occurs three weeks prior to the beginning of each term/session. Federal Financial Aid will be awarded by the first day of classes for the semester as long as UAM has received a FAFSA with an Official EFC and our school code of 001085. All required documentation must be received, if selected for verification, by this date. Although funding for certain types of aid is limited, students are encouraged to apply even if the priority deadline has passed.

Students that turn in documentation after the Deadline to Finalize their bill will need to set up payment arrangements with the Cashier's Office if enough aid has not been offered from other sources.

NOTE: From submission, *FAFSA applications can take up to two weeks to process and be sent to UAM. Aid offers are delivered 1-2 weeks after that time, and if no other information is required by FAFSA.*

Satisfactory Academic Progress (SAP) Policy

To be eligible for financial aid at the University of Arkansas at Monticello, students must meet all three (3) qualitative and quantitative standards of the Satisfactory Academic Progress (SAP) policy below, even if no financial aid was previously received. If a student does not meet any one of the SAP standards, then they will be designated as not meeting SAP. All SAP notices are sent to students' official UAM e-mail account.

Note: *Pre-Freshman UAM courses will count towards SAP calculations once a student is admitted Into UAM, regardless of whether the student received a letter grade, or a "W" Grade.*

1. GPA

Undergraduate Students		**Graduate Students**
Must earn a **minimum cumulative grade point average (GPA) of 2.00**, except for those enrolled in programs listed below, which require higher GPA graduation requirements.		Must earn a **minimum cumulative grade point average (GPA) of 3.00**.
K-6 Elementary Education	3.0 GPA	
Middle Childhood Education	3.0 GPA	

2. Pace

Students must successfully complete 67% of cumulative hours attempted. *Cumulative hours attempted Include hours earned, remedial hours earned, repeated hours, transfer hours, and grades of W, F, AU, and I. Cumulative hours earned do not Include grades of W, I, AU, or F.*

$$\frac{\text{\# of cumulative credit hours earned}}{\text{\# of cumulative credit hours attempted}} \times 100$$

3. Maximum Timeframe

Students must graduate within 150% of the credit hours required for their program of study. *A general guide for maximum credits is shown below, although students should refer to the specific credit requirements for their UAM program of study.*

Master's Degree	45 Maximum Credits
Bachelor's Degree	180 Maximum Credits
Associates Degree	90 Maximum Credits
Certificate/Tech	Vary

The Financial Aid Office evaluates SAP at the end of the Fall, Spring and Summer terms. All sessions within the summer term will be evaluated as one term. Those students not meeting the requirements stated above will be placed on Financial Aid Warning. *Students may continue to receive financial assistance during the warning period.* If the satisfactory academic progress standards have not been met at the end of the warning period, the student will be DENIED assistance from federal and institutional sources. Students admitted to UAM on Conditional Academic Standing will be placed on Financial Aid Warning. All notices are sent to students' official UAM e-mail account.

To view the full policy in detail, including the appeal process for students deemed ineligible for financial aid due to not meeting sap, visit: http://www.uamont.edu/pages/financial-aid/important-financial-aid-links/satisfactory-academic-progress-policy/

NOTE: *Processing times for students that submit SAP appeals are 2-3 weeks from the date all required documentation is received.*

DISBURSEMENT INFORMATION

Disbursements are made by crediting the student's account for most types of aid. Students may have refundable financial aid awards that exceed their institutional expenses. Refund Dates are posted by term on the Important Financial Aid Links page found at http://www.uamont.edu/pages/financial-aid/important-financial-aid-links/.

Withdrawals & Return of Title IV Funds

Students who receive Title IV aid and do not complete at least 60% of the semester for which they are enrolled may be required to return a portion of the Federal funds received. In most cases, the withdrawal date for students who officially withdraw will be the actual date of withdrawal as determined by the Registrar's Office. Students who cease attending without officially withdrawing are considered "unofficial withdrawals." If students have to withdraw at any point, it is recommended that they contact the Financial Aid Office on the implications withdrawing may have on their financial aid.

Refunds

Remaining credit balances, if any, will be refunded to eligible students. Not all students will have a credit balance and not all anticipated credit balances will occur at the same point in the term. Types of aid as well as tuition and fees, books and supplies, room and board, and other miscellaneous student account charges will vary from student to student based on enrollment, on-campus purchases, and housing/meal plans, if living on campus. Please monitor your financial aid and refund status via WeevilNet.

Multiple processes by various departments are required in order for your financial aid to move from Anticipated Aid to your student account. We ask your patience as these processes are carried out and that you keep in mind that there may be times when WeevilNet may show your aid authorized, but not disbursed or disbursed but not applied to your student account.

TYPES OF FINANCIAL AID

Grants *(Are not repaid)*

The Federal Pell Grant is awarded to students with exceptional financial need who are pursuing their first Undergraduate Degree. Amounts are based on information FAFSA, and students enrollment levels. The Federal government limits a student's eligibility to 600%, or 6 years of enrollment. Visit https://studentaid.gov/understand-aid/types/grants/pell/calculate-eligibility for more information.

The Federal Supplemental Educational Opportunity Grant (FSEOG) is offered to students with exceptional financial need. Funding is limited. Priority is given to Federal Pell Grant recipients.

Work-Study

The Federal College Work Study program provides undergraduates or graduate students an opportunity to work at an on-campus or community service job to earn money towards educational expenses. Funding is limited. Earnings from federal and institutional work-study are paid to students electronically twice each month by direct deposit to a financial institution.

(https://uamonticello.formstack.com/forms/student_worker_employment_application). The Office of Career Services will post openings on the job board found online at http://www.uamont.edu/pages/student-affairs/career-services/employer-services/

Loans *(Required to be repaid with interest)*

Completion of the FAFSA is required to receive Federal student loans. To qualify, students must be enrolled at least halftime and attending classes (undergraduate: 6 hours/graduate: 3 hours) that are required for their eligible certificate or degree. Loan offers are subject to annual and aggregate loan limits. Please see www.studentaid.gov for more detailed information on the different Federal student loan programs available.

Changing Accepted Loan Offers

Students may reduce or adjust the amount of financial aid loan offers by submitting the Financial Aid Change Request Form on http://www.uamont.edu/pages/financial-aid/financial-aid-forms/.

Loan fees are deducted from each loan disbursement, and each loan comes with its own interest rate, borrowing terms, and conditions. Prior to the disbursement of a loan, students must complete the following on https://studentaid.gov/mpn:

1. Complete a Master Promissory Note
2. Complete Loan Entrance Counseling
3. Complete Loan Acknowledgement

The **Federal Direct Subsidized Loan** is need-based and the government pays the interest while students are enrolled at least half-time.

The **Federal Direct Unsubsidized Loan** is not based on need and interest begins to accrue upon the first disbursement of loan funds.

The **Federal Direct Parent PLUS** and **Federal Direct Graduate Plus Loans** are credit-based loans for parents of dependent undergraduate students (and in limited cases, Graduate students). These loans are unsubsidized and the borrower is responsible for paying all interest.

Loan offers are subject to annual and aggregate loan limits. Please see www.studentaid.gov for more detailed information on the different Federal student loan programs available.

NOTE: *When students graduate, withdraw, or drop below half-time enrollment at UAM, they are required to complete Exit Counseling* ***(See:*** *https://studentloans.gov/myDirectLoan/index.action and select Exit Counseling.).*

Scholarships *(Are not repaid)*

The University offers a variety of scholarships including institutional, athletic, special recognition, departmental, and privately funded awards. A complete, detailed list of these scholarship options is below, however it is critical that any student interested in applying for these scholarships make note of the following: For scholarship consideration, students must submit an admissions application, scholarship application through https://uamont.academicworks.com, test scores, a 6 or 7 semester transcript and proof of immunization to meet eligibility requirements by June 1.

An "academic year" for scholarship purposes includes the fall, spring, Summer I, and Summer II terms; however, scholarship funds are not available for summer terms. Institutional awards are available for a maximum of 8 semesters, pending renewal. Scholarships are used to assist in the payment of your tuition, mandatory course-related fees, books purchased at the UAM bookstore, course-related charges, and on-campus room and board.

Arkansas State Aid

Arkansas State scholarships require completion of the YOUniversal scholarship application. Click the 'START' button to begin registering, or login if you are a returning user. Students and parents may visit the Arkansas Department of Higher Education website for more information.

The application deadline is **July** for most programs, although some deadlines occur before and after July 1. It is students' responsibility to notify the Financial Aid Office at finaid@uamont.edu if they receive a scholarship. Awards may be viewed on WeevilNet in the Student Services Center.

SCHOLARSHIPS FOR INCOMING FRESHMAN

Scholarships funded by the University are awarded as funds are available. Eligibility for institutional scholarships requires the student to:

1. apply for admission,
2. fill out the scholarship application through uamont.academicworks.com,
3. achieve the designated ACT or SAT score, and
4. achieve a minimum 3.00 GPA for all high school courses

Chancellor's Scholarship

Award: $6,000 per semester for a maximum of eight semesters of continuous enrollment. Out-of-state tuition is waived.

Eligibility Requirements: 30 or above ACT composite or comparable SAT score, with a minimum 19 sub-score in math and English, 3.00 high school GPA. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Offered when the student applies for admission, completes a scholarship application through uamont.academicworks.com and provides a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

University Scholarship

Award: $4,500 per semester for a maximum of eight semesters of continuous enrollment. Out-of-state tuition is waived.

Eligibility Requirements: 27-29 ACT composite or comparable SAT score, with a minimum 19 sub-score in math and English, and minimum 3.00 high school GPA. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Awarded when the student applies for admission, scholarship, completes a scholarship application through uamont.academicworks.com and provides a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

Academic Scholarship

Award: $3,000 for a maximum of eight semesters of continuous enrollment. Out-of-state tuition is waived.

Eligibility Requirements: 24-26 ACT composite or comparable SAT score, with a minimum 19 sub-score in math and English, and minimum 3.00 high school GPA. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Awarded when the student applies for admission, scholarship, completes a scholarship application through uamont.academicworks.com and provides a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

Weevil Excellence Scholarship

Award: $750 tuition award per semester for a maximum of eight semesters of continuous enrollment.

Eligibility Requirements: 22-23 ACT composite or comparable SAT score with at least a 19 ACT score in English and mathematics, minimum 3.00 GPA, and evidence of school leadership. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Awarded when the student applies for admission, scholarship, completes a scholarship application through uamont.academicworks.com and provides a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

Leadership Scholarship

Award: $500 tuition award per semester for a maximum of eight semesters of continuous enrollment.

Eligibility Requirements: 19-21 ACT composite or comparable SAT score, with at least a 19 ACT score in English and mathematics, minimum 3.00 high school GPA and evidence of school leadership. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Awarded when the student applies for admission, completes a scholarship application through uamont.academicworks.com, and provides a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

Valedictorian Scholarship

Award: $3,000 for up to 15 credit hours per semester for a maximum of eight semesters of continuous enrollment. Out of state tuition is waived.

Eligibility Requirements: 21 ACT composite or comparable SAT score, with at least a 19 ACT score in English and mathematics, minimum 3.00 high school GPA and school confirmation of valedictorian status. Available to first-time freshmen only.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Awarded when the student applies for admission, completes a scholarship application through uamont.academicworks.com, and provides class rank, a current official high school transcript and ACT scores including high school GPA. The deadline to apply is June 1 every year, subject to availability of funds.

Regional Scholarship

Award: Award not to exceed the cost of out-of-state fee for a maximum of eight semesters.

Eligibility Requirements: Residents of Mississippi, Louisiana, Texas, Oklahoma, Missouri, or Tennessee.

Application: No application is required. Scholarship is awarded when the student enrolls for classes.

Colleges of Technology at Crossett and McGehee Scholarships

Award: Tuition for designated proficiency or technical certificate programs.

Eligibility Requirements: Proof of academic and technical performance, teacher recommendation, financial need, and/or participation in school activities

Renewal Criteria: Amounts awarded are individually reviewed.

Application: Awarded when the student applies for admission, completes a scholarship application through uamont.academicworks.com, and provides a current official high school transcript and ACT scores including high school GPA. Priority scholarship deadline is March 1.

The University of Arkansas School for Math, Science and Arts Scholarship

Award: Tuition for up to 15 credit hours per semester for a maximum of eight semesters of continuous enrollment.

Eligibility Requirements: A graduating senior from ASMSA, using the award the first term immediately following high school graduation. A minimum ACT score of 19 or comparable SAT score is required in English, Reading, and Mathematics.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Admission and scholarship application required by March 1 of the senior year, with all required items for admission on file by June 1 of that year.

Arkansas Academic All-Star Transfer Scholarship

Award: $3,000 per semester beginning the fall semester immediately following the year of All-Star recognition. If eligibility listed below is met, a spring award may be granted.

Eligibility: Any recognized Arkansas Association of Two- Year Colleges Academic All-Star as long as application for admission and scholarship are on file by March 1 following the fall recognition. Student must provide all required items for admission by June 1. If a recognized student is eligible to begin classes in the spring term following recognition, the application must be submitted by December 1 for consideration and all necessary documents must be on file by January 1.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

University of Arkansas at Monticello EAST Scholarship

Award: Tuition for up to 15 academic hours of credit, beginning the fall semester immediately following the high school senior year.

Eligibility: Any high school graduating senior is eligible to apply who completes a scholarship application, shows proof of at least two years of active involvement in a recognized high school EAST program, has a minimum 3.00 cumulative grade point average, a minimum ACT composite score of 19 or comparable SAT score and a minimum score of 19 in English, Reading, and Mathematics, and provides two letters of reference regarding EAST service and performance. Any major in any degree program offered by UAM is accepted. Selected award(s) must be used the first semester immediately following high school graduation and will be made by the Scholarship Committee.

Additional Criteria: Any student selected for this award will be required to complete an assignment on campus for a minimum of 10 hours per week each semester the award is made. Arrangements for the assignment will be coordinated through the Scholarship Office. Priority deadline to apply for this scholarship is March 1.

Renewal Criteria: Minimum completion of 12 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

SCHOLARSHIPS FOR CURRENT UAM STUDENTS

Student Achievement Scholarship

Award: There are thirty Student Achievement Scholarships available for current UAM students (ten for sophomores, ten for juniors, and ten for seniors). Amounts vary based on classification.

Eligibility Requirements: Students must have a 3.00 cumulative UAM GPA, have attended UAM for at least two semesters and earned 30 semester hours by the end of the academic year in which the application is filed, must be pursuing their first bachelor's degree, must have a declared major and continue in that major for the duration of the scholarship, must not be receiving another UAM institutional scholarship concurrently with the Student Achievement Scholarship

Renewal criteria: Renewal is only granted for one additional semester; however, previous recipients can apply each year. Students must complete 15 hours each semester and maintain a 3.00 UAM cumulative GPA.

Application: Students must complete the Student Achievement Scholarship application through uamont.academicworks.com. Students will be notified through email if they are awarded the scholarship. Priority scholarship acceptance deadline is March 1. Final scholarship acceptance deadline is June 1, subject to availability of funds.

Senior Gap Scholarship

Award: Full or partial tuition and fees assistance.

Eligibility Requirements: Must have been enrolled at UAM full-time for at least four continuous semesters, be within 6 hours of graduating with first bachelor's degree, in good academic standing, have unmet need, must not be on financial aid denial at UAM.

Application: Interested students should email the Financial Aid office at finaid@uamont.edu.

SCHOLARSHIPS FOR TRANSFER STUDENTS

Community College Transfer Scholarship

Award: $3,000 per semester for a maximum of four semesters of continuous enrollment excluding summer terms. Out of state tuition is waived.

Eligibility Requirements: Students whose college attendance is initially and only at an accredited community college and results in completion of at least 60 academic transferable hours at the 1000-level with a minimum 3.00 cumulative GPA.

Renewal Criteria: Minimum completion of 15 hours of college-level work the first semester and 15 hours in the second semester and thereafter and minimum of 3.00 GPA in an academic year.

Application: Awarded when the student applies for admission, completes a scholarship application through uamont.academicworks.com, and provides a current official high school transcript and ACT scores including high school GPA. Priority scholarship acceptance deadline is March 1. Final scholarship acceptance deadline is June 1, subject to availability of funds.

PERFORMANCE SCHOLARSHIPS/GRANTS IN AID

To qualify for a grant-in-aid at the University of Arkansas at Monticello, entering freshmen must meet at least two of the following criteria:

1. Have a minimum composite ACT of 18.
2. Have a minimum high school grade point average of 2.00.
3. Rank in the upper 50% of their high school graduating class.

An upperclassman or transfer student must be in good academic standing to receive a grant-in-aid. A student must complete a minimum of 12 hours each semester with a 2.0 grade point average to remain eligible for grant-in-aid award.

A single grant-in-aid cannot exceed $2,500 per semester. However, a student may receive more than one grant-in-aid each semester. Only those costs incurred on or before the University's 11th class day can be covered by grants-in-aid. Grants-in-aid may be reduced to insure compliance with the student's Federal Cost of Attendance or the State of Arkansas Stacking Policy.

Band, Choir, Keyboard Scholarships

Award amount varies according to the student's ability. Maximum award amount is equal to the cost of tuition each semester. Award based upon talent, skill, and performance audition. Contact the Assistant Dean, Division of Music, at (870) 460-1060.

Debate/Competitive Speaking Scholarship

Award amount varies according to the student's ability. Maximum award amount equal to the cost of tuition each semester. The application process includes letters of recommendation and written application to the program. Contact the Director, UAM Debate Team at (870) 460-1078.

Cheerleader/Mascot Scholarship

Maximum award amount equal to one-half the cost of tuition each semester. Try-out is required. Contact the Athletic Director at (870) 460-1058.

Athletic Scholarships

The University awards a limited number of athletic scholarships in accordance with the regulations of the N.C.A.A. and Great American Conference. The amount varies with the sport and the player's ability. These scholarships are based on skill. Contact the Athletic Director, University of Arkansas at Monticello, Monticello, AR 71656, (870) 460-1058 and/or your high school coach.

PRIVATELY FUNDED SCHOLARSHIPS AND ENDOWMENTS

The University and the UAM Foundation Fund award several scholarships made available from private donations. Students must submit an application through uamont.academicworks.com by the scholarship deadline each year to be considered for private scholarships. Often donors specify the criteria for selection of scholarship recipients, which may include minimum grade point average, hometown, or major. Other scholarships are based upon proven financial need (provided by information upon submission of the Free Application for Federal Student Aid [FAFSA]). Renewal is not guaranteed.

Below, is the list of UAM departments that have fully endowed scholarships held by the UAM Foundation Fund. For a complete listing of scholarship names, amounts, and eligibility requirements vary scholarships and requirements, please visit uamont.academicworks.com. Students may enter a keyword search for the specific departments below.

Arts and Humanities
Music
Athletics
Business
Computer Information Systems
Education
Forestry, Agriculture, and Natural Resources
General Studies
Mathematical and Natural Sciences
Nursing
Social and Behavioral Sciences
College of Technology- McGehee

ANNUAL AWARDS/SCHOLARSHIPS

Awards are made from funds received annually from the donor. The award continues only as long as the donor funds the scholarship.

Business – Commercial Bank Business Award
Business – Ralph McQueen Business Award
Business – UAM Institute of Management Accountants Scholarship
Education – Linda Pinkus Scholarship
Forestry, Agriculture & Natural Resources – Aldo Cingolani Memorial Scholarship
Forestry, Agriculture & Natural Resources – Farm Bureau Agriculture Scholarship
Forestry, Agriculture & Natural Resources – Ranger Jim Scholarship Fund
Forestry, Agriculture & Natural Resources - U of A Division of Agriculture Scholarship-Agriculture
Forestry, Agriculture & Natural Resources - U of A Division of Agriculture Scholarship – Forest Resources
Forestry, Agriculture & Natural Resources – Bob White Memorial Foundation Scholarship
General - Jerry Duran Memorial Scholarship
General - Farmer's Grain Terminal Award
General - Jewel Minnis Award
General - Opal Birch Johnson Scholarship
General - James & Venie Powell Award
General - A. O. Tucker Memorial Scholarship
General – UAM Alumni Legacy Scholarship
General - Wallace Trust Scholarship
General – Woodman Lodge 7 Book Scholarship - Monticello
Mathematical & Natural Sciences – Miriam and Norman Graber Memorial Scholarship
Mathematical & Natural Sciences – Math & Science - Pre-Engineering
UAM College of Technology – Crossett – American Legion Post III Scholarship
UAM College of Technology – Crossett – Gary Stevenson Memorial Scholarship
UAM College of Technology-Crossett - Georgia-Pacific Crossett Paper Operations Scholarship
UAM College of Technology-Crossett – Hunter Bell Memorial Scholarship
UAM College of Technology-Crossett - Lucille Moseley Memorial Scholarship
UAM College of Technology – Crossett – Woodman Lodge 7 Book Scholarship

UAM College of Technology – McGehee – Linda Pinkus Scholarship – McGehee
UAM College of Technology-McGehee Scholarship
UAM - College of Technology - GP Dislocated Worker Aid

DEPARTMENT OF VETERANS AFFAIRS BENEFITS

Veterans of recent military service and the dependents of certain other servicemen and servicewomen may be entitled to educational assistance payments from the Department of Veterans Affairs. The University is an approved institution in veteran and veteran's beneficiary training.

Veterans of recent military service, widows, or children of those who lost their lives in service or who are now totally disabled as a result of service should contact the nearest Department of Veterans Affairs Regional Office for assistance in securing benefits.

Veterans attending the University as an undergraduate under the GI Bill ® must maintain full-time status (12 semester hours or more) to be eligible for full benefits. Veterans should be aware that dropping a class during the term might affect benefits. Veterans may not repeat a course in which a passing grade was made and receive benefits for that course.

Veterans should contact the Office of Financial Aid at (870) 460-1050 for assistance in filing for benefits.

ASSISTANCE RECEIVED OUTSIDE OF UAM

Receipt of additional financial assistance such as scholarships, grants-in-aid, or vocational rehabilitation grants may change eligibility for offers that have already been processed. Direct Loans (Stafford and PLUS), SEOG, and Arkansas Department of Higher Education (ADHE: i.e., Academic Challenge, HEOG, etc.) may be decreased or canceled if the student receives additional assistance.

NOTE: *It is students' responsibility to notify the UAM Financial Aid Office of all assistance they will receive. Students may notify the Financial Aid Office by emailing* ***finaid@uamont.edu***.



Student Engagement

The following pages provide a brief overview of the student support services available to all students. Students seeking additional information are encouraged to contact the particular office of interest.

Office of Student Engagement

Monticello Campus

Location: Student Success Center, 103C
Telephone: (870) 460-1053 / Fax: (870) 460-1653
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Email: goldmon@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/

McGehee Campus

Location: Office of Student Services
Telephone: (870) 222-5360 / Fax: (870) 222-1105
Mailing Address: P.O. Box 747, McGehee, AR 71654
Email: vancecj@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-mcgehee/

Crossett Campus

Location: Office of Student Services, Crossett
Telephone: (870) 364-6414 / Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635
Email: streeter@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-crossett/

The Office of Student Engagement is one of the areas designed to assist students from their first year through graduation. The Student Engagement staff is committed to building community among the students who have chosen to study at the University of Arkansas at Monticello.

The primary function of the Office of Student Engagement is to provide information about university policies that affect students, administer the student judicial system, and make referrals to campus services. The office serves as a liaison with faculty and other administrative offices on behalf of students.

Office of Admissions

Monticello Campus

Location: Student Success Center 101/103
Telephone: (870) 460-1026; outside Monticello, toll free 1-800-844-1826
Fax: (870) 460-1926 / TDD: (870) 460-1826
Mailing Address: P.O. Box 3600, Monticello, AR 71656
Email: admissionsoffice@uamont.edu
Website: http://www.uamont.edu/pages/admissions/

McGehee Campus

Location: Office of Student Services
Telephone: (870) 222-5360 / Fax: (870) 222-1105
Mailing Address: P.O. Box 747, McGehee, AR 71654
Email: vancecj@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-mcgehee/

Crossett Campus

Location: Office of Student Services
Telephone: (870) 364-6414 / Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635
Email: streeter@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-crossett/

Any student seeking information regarding admission to the University of Arkansas at Monticello should contact the Office of Admissions. Required admission documentation should be submitted well before each semester or term begins.

The Office of Admissions also provides services to guide new students in their transition to higher education. The process begins with pre-registration when students receive academic advising, register for classes, and are introduced to campus services. Parents are invited to attend pre-registration sessions and participate in special programs designed for them.

Orientation promotes the development of positive relationships with faculty, staff, and peers while simultaneously providing information about academic policies, procedures, financial aid, student services, and student life.

Prospective students are encouraged to visit campus when the University is in session. Campus tours and meetings with academic units, financial aid, residence life, or other areas are easily arranged for any University of Arkansas at Monticello campus through the Office of Admissions.

Career Services Office

Monticello Campus

Location: Student Success Center, 201E
Telephone: (870) 460-1454 / Fax: (870) 460-1403
Mailing Address: P.O. Box 3458, Monticello, AR 71656
Website: http://www.uamont.edu/pages/student-affairs/career-services/
Email: thomasr@uamont.edu

The central purpose of UAM Career Services is to assist students and prepare them for academic and career success. Career-related services and programs are provided to assist students in making the transition from the university to their future careers; from student to professional.

UAM's Career Services Office provides information for students to:

- Understand the relationship between their academic studies and careers;
- Make sound career decisions based on an evaluation of their goals, interests, abilities, and values;
- Research possible career choices;
- Prepare for the job search process;
- Research post-graduate educational opportunities.

Specific services include:

- College Central Network-an online career program that allows students to upload resumes, create portfolios, perform job searches and have access to vital online resources;
- FOCUS 2 - a computerized career exploration program;
- The Self - Directed Search - an interest inventory;
- Internship Resources;
- Workshops on topics including choosing an academic major,

hands on resume writing & tips, and building interview skills through mock interviews.

Career resources available:

- Job listings for both on and off campus along with part-time, full-time and internships positions;
- On-campus recruiting;
- Annual Career Fair.

All career counseling services are free and available by appointment.

Educational Counseling

Educational counseling is available to help students plan and make decisions concerning their college education. The Career and Testing Services office provides workshops and individual assistance each semester to assist students with study skills, text anxiety, time management, stress management, and other student success skills.

Career Services Student Worker Employment Opportunities

Any student seeking Student Worker Employment on the University of Arkansas at Monticello main campus or any of its technical campuses, Crossett or McGehee, must complete an online application at https://uamonticello.formstack.com/forms/student_worker_employment_application

To view open student worker campus positions, please visit the website http://www.uamont.edu/pages/student-affairs/career-services/student-worker-jobs/. This site is updated as student worker employment positions become available and are removed once positions are filled.

Counseling Center

Monticello Campus

Location: Student Success Center, Suite 204
Telephone: (870) 460-1554 / Fax: (870) 460-1553
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Website: http://www.uamont.edu/pages/student-affairs/counseling/
Email: stellem@uamont.edu

McGehee Campus

Location: UAM College of Technology at McGehee
Telephone: (870) 222-5360/Fax: (870) 222-1105
Mailing Address: P.O. Box 747, McGehee, AR 71654
Email: anderson-allen@uamont.edu

Crossett Campus

Location: UAM College of Technology at Crossett
Telephone: (870) 460-2404
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635
Email: rielslg@uamont.edu

Counseling Services

University Counseling Services on the Monticello campus are located on the second floor of Student Success Center, Room 204-D. A full-time licensed mental health professional is available to students currently attending the University of Arkansas at Monticello to assist with varying general mental health concerns in a professional and confidential setting at no charge. Sessions are available Monday-Friday, during the hours of 8:00 AM-4:30 PM (with the exception of holidays and summer hours). Appointments can be made through the Calendly link available in email, in Suite 204, or by phone at (870) 460-1554 and (870) 460-1654. Sessions are typically 30-50 minutes in length. Drop-in sessions are sometimes available, but it is best to schedule an appointment. Crisis services and referrals for outpatient services are available as well.

Food Service

Location: Gibson University Center, Monticello
Telephone: (870) 460-1076
Mailing Address: P.O. Box 3064, Monticello, AR 71656
Email: brownbroughton-rossia@aramark.com
Website: http://www.uamont.edu/pages/student-affairs/dining-food-services/

The University Dining Services provides all dining services on campus for University of Arkansas at Monticello students, faculty, staff, and guests. UAM Dining has 4 locations across campus as well as catering services.

The UAM Dining Hall, located on the upper floor of the University Center on the Monticello campus, is open for breakfast, lunch and dinner, Monday-Sunday; serving brunch and dinner on the weekends. Breakfast is a well-balanced menu with warm home-style favorites and hot or cold healthy options. Lunch and dinner feature a wide variety of entrees such as international recipes, a full service grill, home-style comfort food, freshly made pizza and a create your own deli. Our popular salad bar features an abundance of fresh vegetables and fruits cut fresh daily.

The Starbucks We Proudly Serve (WPS) and Provisions On Demand Convenience Store (POD), are located on the first floor of the Taylor Library and Technology Center. These two locations offer a

variety of flavored hand-crafted espresso beverages, iced coffees, blended beverages, and food options ranging from snacks to meals while serving as a gathering place for students. Chick-fil-A, located on the first floor of the Student Success Center, is open Monday – Saturday and provides lunch and dinner service with all of the Chick-fil-A classics.

UAM Catering serves many events both on and off campus ranging from snack "drop-off" events to plated and served meals. Book your next event today using our online menu and booking site, https://uam.catertrax.com/. Want something customized to your event? Call 1-870-460-1076.

Gibson University Center

Telephone: (870) 460-1053 / Fax: (870) 460-1653
Mailing Address: P.O. Box 3459, Monticello, AR 71656

The Gibson University Center, located on the Monticello campus, is a multipurpose building with a variety of facilities including meeting spaces, cafeteria, and recreation areas. In addition, the University Center (UC) is home to the Office of Student Programs and Activities, and the Office of Intramurals and Recreation. Conference facilities such as the Capitol Room, Caucus Room, Gallery Room, and Green Room are open to the campus community.

Intramurals and Recreation

Location: Gibson University Center (UC), Monticello
Telephone: (870) 460-1046 / Fax: (870) 460-1653
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Email: gentry@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/intramurals-recreation/

The Intramurals and Recreation Program is a vital part of campus life at the University. Individuals and teams participate in a wide variety of competitive sports and special events. Intramurals encourage cooperation, good sportsmanship, and physical fitness.

For those current students, faculty, and staff interested in pursuing less organized recreational activities, the UC recreation areas (multipurpose gymnasium, work out room, game room, fitness room, and racquetball/wallyball courts) maintain open recreation hours for drop-in use. Sand volleyball courts, tennis courts, disc golf course, and a multi-purpose playing field provide ample opportunity for outdoor recreation. All Intramural and Recreation programs and facilities are available at no cost to current UAM students, faculty and staff.

Participation in intramural sports and recreation programs is completely voluntary. It is strongly recommended that all participants have a complete physical examination and accident insurance prior to participation.

The Intramurals and Recreation Program employs a number of students through the work study program.

University Police Department

Location: 112 Science Center Road, Monticello
Telephone: (870) 460-1083
Emergency Telephone: Ext. 1000 (on campus) or (870) 460-1000 /
Fax: (870) 460-1983
Mailing Address: P.O. Box 2041, Monticello, AR 71656
Website: http://www.uamont.edu/pages/university-police/
Email: universitypolice@uamont.edu

The University Police Department has primary responsibility for maintaining a reasonably safe campus. Specifically, the University Police Department is responsible for crime prevention, law enforcement, parking control, emergency response, residence hall security, policing of special events, and various other community services on campus. The University Police Department provides a full range of campus services 24 hours a day, 365 days a year. Some of these services include investigating reports of crimes, conducting follow-ups as necessary, and filing criminal charges or referring the matter (as appropriate) to another department. The University Police Department officers have complete police authority to apprehend and arrest anyone involved in illegal acts on-campus and areas immediately adjacent to the campus pursuant to A.C.A. 25-17-305. If minor offenses involving University rules and regulations are committed by a University student, the campus police may also refer the individual to the Dean of Students. All officers of the University Police Department meet state mandated training requirements and are certified by the Arkansas Commission on Law Enforcement Standards.

Motor vehicle operations on campus are defined by the Campus Parking and Traffic Committee and are set forth in a brochure available to all persons on campus or visiting the campus. The Parking Brochure is available from the University Police Department and during registration of students and vehicles. These regulations are in accordance with campus requirements and state motor vehicle laws.

All vehicles used on campus must be registered for the academic period in which they are used. Fines and fees are assessed by the Cashier's Office located in Harris Hall. Vehicles being used for only a short period of time on campus may receive a temporary

parking sticker at the University Police Department Office. All faculty, staff, and students are required to register their vehicles. Visitors to the campus should identify themselves to the University Police Department upon their campus arrival to receive a temporary visitor's pass.

Office of Residence Life

Location: Harris Hall, Room 120, Monticello
Telephone: (870) 460-1045 / Fax: (870) 460-1943
Mailing Address: P.O. Box 3466, Monticello, AR 71656-3466
Email: reslife@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/residence-life/

It is the mission of the Office of Residence Life at the University of Arkansas at Monticello to support the academic mission of the institution by providing a safe, comfortable physical environment, which allows the pursuit of academic endeavors and the achievement of personal growth within the boundaries of community standards and respect for others.

Residence Life is the office that oversees the operations of all student residential facilities on the University of Arkansas at Monticello campus. In addition, a student may call or for more information about UAM's on-campus housing options please contact the Office of Residence Life between the hours of 8:00 a.m. - 4:30 p.m., Monday through Friday at 870-460-1045 or visit the office on the first floor of Harris Hall.

Freshman Residency Policy: The University of Arkansas at Monticello requires all first time full time students (enrolled in 12 hours or more) who are LESS than 21 years of age (as of the 1st day of class each academic term) to live on-campus for the academic year. This requirement excludes summer sessions and is applicable until the completion of 24 credit hours or the receipt of an exemption from the Residence Life Department. This policy is not applicable to students enrolled full time at the Colleges of Technology at Crossett and McGehee; however, students attending those campuses do qualify and are welcome to reside in University Housing.

Students who fail or refuse to comply with the Residency Requirement Program and/or who furnish false information to a University official or office in connection with a request for exemption will be referred to the Dean of Students Office for further action. Disciplinary action could include responsibility for all back charges for room and board incurred while living off-campus.

Eligibility for Housing

A student living in a residence hall must be a student enrolled in a minimum of nine hours per fall or spring semester or three hours per summer term. Students enrolled on any campus of the University of Arkansas at Monticello are eligible for housing.

In order to continue living in the residence hall, the student must earn a grade point average above a 1.00 for any semester or term in which he/she is enrolled. This policy applies to all academic semesters including summer terms.

Applications/contracts for housing and more specific information are available from the Office of Residence Life.

Student Health Services

Location: Wellness Center, Monticello
Telephone: (870) 460-1051 / Fax: (870) 460-1653
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Email: richardson@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/student-health-services/

The mission of UAM Student Health Services is to provide the basic health care needed by students to pursue their educational goals and to provide information to this community, which will enhance each individual's ability to achieve and maintain an optimal level of total wellness. The program includes first aid, a variety of non-prescription medications, emergency services, and general health advice and education. In addition, referrals may be made to local agencies as necessary.

Wellness Center

Location: 531 University Drive, Monticello
Telephone: (870) 460-1051 / Fax: (870) 460-1653
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Email: richardson@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/exercise-center/

The Randy S. Risher Wellness Center houses Student Health Services and the Exercise Center. The mission of the UAM Exercise Center is to provide the university community with opportunities to develop and employ measures to achieve lifelong physical fitness through three components: evaluation, education and action.

The UAM Exercise Center is an open recreation facility available at no cost to all UAM students. Available equipment includes strength

machines, recumbent bikes, upright bikes, incline trainers, elliptical machines, a step mill and a water rower.

Student Programs and Activities

Location: Gibson University Center, Monticello
Telephone: (870) 460-1396 / Fax: (870) 460-1653
Director, (870) 460-1196.
Front Lobby, (870) 460-1651 SGA/SAB Office
Mailing Address: P.O. Box 3459, Monticello, AR 71656
Email: studentaffairs@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/student-programs-activities/

The co-curricular experience plays a critical role in the development of students at the University. With a wide variety of programs, activities, and over 70 student organizations available, UAM students are able to take an active, hands-on approach to learning life skills. These opportunities encourage student participation to experience various cultures, entertainment events and promote the maturation of students. In addition, the University offers a series of special events and programs for students including Homecoming, Spirit Week, Greek Week, cultural awareness and diversity programs, leadership development, and community service projects. Many of these activities are planned and coordinated by the Students Activities Board or the Director of Student Programs and Activities.

Student Special Services

Monticello Campus

Location: Student Success Center, Suite 101
Telephone: (870) 460-1026 / TDD: (870) 460-1826
Fax: (870) 460-1926
Mailing Address: P.O. Box 3600, Monticello, AR 71656
Email: whitingm@uamont.edu
Website: http://www.uamont.edu/pages/admissions/special-student-services/

Crossett Campus

Location: UAM College of Technology at Crossett
Telephone: (870) 364-6414 / Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635
Email: paschall@uamont.edu

McGehee Campus

Location: UAM College of Technology at McGehee
Telephone: (870) 222-5360 / Fax: (870) 222-1105
Mailing Address: P.O. Box 747, McGehee, AR 71654
Email: anderson-allen@uamont.edu

The University ensures that students with disabilities are given the same rights and services as other students at the University. Classrooms, administrative, and recreational facilities are accessible. For specific campus information regarding disability accommodations, please contact the Director of Student Special Services at the number indicated.

Testing Services

Location: Student Success Center, 201A, Monticello
Telephone: (870) 460-1454 / Fax: (870) 460-1403
Mailing Address: P.O. Box 3458, Monticello, AR 71656
Email: thomasr@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/testing/

Testing Services office provides a wide variety of specialized testing services to prospective and current UAM students. Appointments can be made in person, by e-mail, or by calling the office from 8 a.m. to 4:30 p.m. Monday through Friday or by using the contact information indicated above. Testing Services office provides workshops and individual assistance each semester to assist students with study skills, time management, preparing for finals, and other student success skills. The Test Center also offers free Scantrons and Blue Books on an as needed basis to currently enrolled UAM Students.

Information regarding national and required examinations from the Office of Testing Services located in the Student Success Center, 201A. Testing Services offers the opportunity to take many national tests such as ACT, CLEP, PRAXIS, Pearson Vue (EMT and NREMT), National League of Nursing (Pre Admission Examination-PAX), ASVAB, TOEFL (Test of English as Foreign Language), Public Safety Testing, MAT (Miller Analogies Testing) and SAT. Aptitude and interest inventories are administered by appointment. Testing arrangements for entrance exams NEXT GENERATION ACCUPLACER or On Campus ACT, correspondence or on-line exams are scheduled through Testing Services. Applications, registration bulletins along with information regarding tests, dates, and costs are available online and in the Testing Services office.

Testing Services administers and proctors finals and midterms for University of Arkansas at Monticello faculty as well as other

university and technical campuses on an as needed basis. The Test Center Exam Request Form must be complete and on file in the Test Center before finals can be administered. The form is located at http://www.uamont.edu/pages/student-affairs/testing/tutoring-services/

Tutoring Support Services

Location: Student Success Center, 203, Monticello
Telephone: (870) 460-1454 / Fax: (870) 460-1403
Mailing Address: P.O. Box 3458, Monticello, AR 71656
Email: thomasr@uamont.edu
Website: http://www.uamont.edu/pages/student-affairs/testing/tutoring-services/

The Tutoring Center provides online tutoring appointment services to currently enrolled students seeking tutoring support and academic assistance. Virtual tutoring appointments are available to students in addition to traditional face to face appointments. Tutoring Services also offers drop in tutoring support services. The Tutoring Center assists students in becoming independent learners who function successfully in the academic environment and achieve his or her academic goals. Tutoring is provided free to individuals and small groups in general education subject areas and others on occasion.

Current tutoring schedules may be picked up in the Testing, Career, or Tutoring Service offices or can be located electronically on the Tutoring Services page at http://www.uamont.edu/pages/student-affairs/testing/tutoring-services/.

Intercollegiate Athletics

Location: Steelman Fieldhouse
Telephone: (870) 460-1058 / Fax: (870) 460-1458
Mailing Address: P.O. Box 3499, Monticello, AR 71656
Website: www.uamsports.com

Intercollegiate athletics provide additional experience for those with special interests and skills in competitive sports. Objectives of the programs are in keeping with the total education program. The University of Arkansas at Monticello offers sports for men (football, basketball, baseball, golf, cross country) and sports for women (basketball, softball, golf, cross-country, volleyball).

The University is a member of the Great American Conference, the National Collegiate Athletic Association, and the National Intercollegiate Rodeo Association and adheres to the rules and regulations of those organizations.

University Rodeo

Location: College of Forestry, Agriculture and Natural Resources
Telephone: (870) 460-1052 / Fax: (870) 460-1092
Mailing Address: P.O. Box 368, Monticello, AR 71656
Website: http://www.uamont.edu/pages/department/college-forest-agri-natural-resources/

The Rodeo Team at the University of Arkansas at Monticello is a member of the Ozark Region of the National Intercollegiate Rodeo Association. The University provides scholarships and support to competitions.

Student Handbook

The Student Handbook provides important information concerning institution policies, procedures, services, and programs. Every effort is made to provide current and accurate information in the publication; however, all information contained in the Student Handbook is subject to continuous review and evaluation. As such, the University reserves the right to alter any and all information contained in the Student Handbook at any time. For the most accurate and up-to-date information, consult the on-line copy of the Student Handbook or the appropriate office and personnel.

The rules, policies and information presented in the Student Handbook remain in effect, and are applicable during official or unofficial breaks, closings, modified calendars, or University holidays. UAM students are responsible for knowing the information, policies and procedures outlined in the Student Handbook. Students should become well acquainted with the guidelines published in Student Handbook as it will provide direction during tenure at UAM.

The Student Handbook is available on the UAM web site at http://uamweb2.uamont.edu/pdfs/student%20handbook.pdf. A printed copy may be obtained by contacting the Office of Student Engagement, Student Success Center, 103, 350 University Drive, Monticello, AR 71656.

Code of Student Conduct

UAM students are responsible for knowing the information, policies and procedures outlined in the Code of Student Conduct, which can be found in the Student Handbook. The University reserves the right to make changes to this code as necessary and once those changes are posted online, they are in effect. Students are encouraged to check online for the updated versions of all policies and procedures.

The student conduct process at the UAM is not intended to punish students; rather, it exists to protect the interests of the

community and to challenge those whose behavior is not in accordance with our policies. Sanctions are intended to challenge students' moral and ethical decision-making and to help them bring their behavior into accord with our community expectations. When a student is unable to conform their behavior to community expectations, the student conduct process may determine that the student should no longer share in the privilege of participating in this community.



Academic Regulations

Changes in University Regulations

The University of Arkansas at Monticello reserves the right to change the fees, rules, and calendar that regulate admission and registration, instruction, and graduation from the University. The University further reserves the right to change any other regulations affecting the student body. Changes shall become effective whenever proper authorities determine and shall apply not only to prospective students but also to those currently enrolled in the University.

Academic Sessions

The academic year includes two regular semesters in the fall and spring and two summer terms. The fall semester begins in late August and concludes prior to the Christmas holiday. The spring semester begins in early January and concludes in mid- May. The two summer sessions are normally scheduled between June 1 and August 15.

Academic Credit

The University operates on a semester calendar. One hour of credit represents an amount of work equivalent to one 50-minute lecture each week for a minimum of 15 weeks. From two to three hours of laboratory work constitute the equivalent of one hour of lecture.

Classification

Students are classified at the beginning of each semester based upon accumulated semester hours of credit earned. Students who have earned fewer than 30 credits are classified as freshmen; sophomores have earned at least 30 credits; juniors at least 60 credits; and seniors at least 90 credits.

Grading System

Grade	Meaning of Grade	Value in Grade Points
A	Outstanding	4
B	Good	3
C	Average	2
D*	Passing	1
F	Unsatisfactory/Failing	0
W	Withdrew/Passing	(no grade points)
AU	Course Audited	(no degree credit; no grade points)
I	Required Work Incomplete	(no grade points)
CR	Credit	(no grade points)

*A grade of "C" or better must be earned in some courses in order to progress to the next higher course level or to graduate in some majors.

A student may receive an incomplete, "I," when, due to unusual circumstances acceptable to the instructor, the student is unable to complete course requirements prior to the end of a term. When possible, the option should be discussed between the instructor and student, concluding in a written agreement outlining the remaining requirements to be satisfied for the course. The Incomplete Course Completion Form, which is available in each academic office unit, must be filed at the time final grades for the term are submitted with each of the following signatures: course instructor, head of academic unit offering the course, and the student. A notation of "I" will be posted on the academic transcript. An "I" will not affect term and cumulative credits and grade point averages for the term in which the incomplete is granted and subsequent enrollment terms during the time limit. A student may not re-enroll in an incomplete course within the time limit allotted for completing the course. A grade of "I" may affect financial aid availability.

The student will have a maximum of one calendar year to satisfy the requirements for the course. Failure to complete course requirements

within one year will automatically replace the incomplete with a grade of "F" with the credits and grade point averages recalculated to reflect this change.

Except for the grade of "I", no course grade will be changed unless an error has been made. All grades earned will remain on the permanent record. A grade of "D" or "F", for example, will remain on a student's permanent record, even though a higher grade may be recorded for the course in question, after it has been repeated.

Grading criteria for specific courses, outlining the basis on which grades are assigned, can be found in course syllabi.

Releasing/Restricting Student Education Records

The Family Educational Rights and Privacy Act (FERPA) of 1974 (20 U.S.C. § 1232g; 34 CFR Part 99) is a federal law that protects the privacy of student education records. "Education records" are "those records, files, documents, and other materials which 1) contain information directly related to a student; and 2) are maintained by an educational institution" as per 20U.S.C. § 1232g(a)(4)(A); 34 CFR § 99.3. FERPA applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

Generally speaking, FERPA allows the University to disclose education records or personally identifiable information from education records in the following circumstances: (1) with the written consent of the student; (2) if the disclosure meets one of the statutory exemptions*; or (3) if the disclosure is "directory information", and the student has not placed a hold on release of "directory information".

At UAM the following items are considered "directory information":

1. Name
2. Address
3. Telephone number
4. Photograph
5. Date and place of birth
6. Nationality
7. Parent's name and address
8. Spouse's name and address
9. Marital status
10. Religious preference
11. Number of hours enrolled
12. Number of hours completed
13. Classification by year
14. Dates of attendance at University
15. Major Field of study
16. Participation in recognized activities and sports
17. Weight and height (athletic teams)
18. Scholarships, honors, degrees and awards received
19. Name of most recent educational institution
20. Campus e-mail address

Restricting Information

At any time, students may restrict the release of any/all "directory information" by visiting the student's WeevilNet self-service account and accessing the "Security" tab on the Personal Information page to enter the restriction. Students should be aware that restricting the release of "directory information" has other consequences. For example, depending upon the particular directory items restricted, the University may not notify a student's hometown newspaper about awards and honors received, may not verify enrollment to a third party, or may not verify degree completion to a third party.

Release of Information

Except to the extent that FERPA authorizes disclosure without consent*, personally identifiable information from a student's education records, other than "directory information", will not be disclosed without prior written consent of the student. This includes the following information concerning a student: 1) Academic (except for academic items listed as "directory information"); 2) Financial; 3) Disciplinary; 4) Health; and 5) Psychological. If a student wants the University to release any and/or all of the above information to a parent, spouse, or other third party, the student must visit the student's WeevilNet self-service account and access the "Release of Information" link below the personal information section. The release is valid from date entered throughout continuous enrollment. Any changes or updates must be submitted through the same link.

The custodian of educational records (the Registrar) will maintain a record of each request for access to and each disclosure of protected personally identifiable information from the education records of each student, which will be maintained with the education records for as long as the education records are maintained.

If information is released by the University, the student may request, and the University will provide, a copy of the records which have been disclosed. The student will be responsible for payment of a copying fee.

*Note: The University may disclose personally identifiable information from a student's record without consent to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks; a volunteer or other party performing an institutional service or function for the University. A legitimate educational interest exists if the official needs to review an education record in order to fulfill his/ her professional responsibilities for the University, including, but not limited to, performing

a task in furtherance of the University's educational mission; performing an administrative task outlined in the official's duties; performing a supervisory or instructional task directly related to a student's education; or providing a service or benefit for a student such as health care, counseling, job placement, or financial aid. School officials may not access student records for personal reasons.

As well, the University may disclose personally identifiable information from a student's record without consent under the following conditions: 1) "directory information" not specifically restricted by the student; 2) disclosure is to an educational agency or institution where the student intends to enroll or seek services; 3) disclosure is to a federal, state or local agency in connection with an audit or evaluation of a federal or state program or for the enforcement of or compliance with federal or state-supported programs; 4) disclosure is in connection with an audit or evaluation of a federal or state program or for the enforcement of or compliance with federal or state-supported programs; 5) disclosure is in connection with a student's application for or receipt of financial aid; 6) disclosure is to a state or local official to whom such information is required to be reported under any state statute enacted prior to 11/17/74; 7) disclosure is to federal, state or local agencies for the purpose of developing, validating, or administering predictive tests or administering financial aid or improving instruction; 8) disclosure is to an accrediting organization to carry out its accrediting functions; 9) disclosure is to the parents of a dependent student as defined by section 152 of the Internal Revenue Code; 10) disclosure is to comply with a judicial order or a lawfully issued subpoena (the University must make a reasonable effort to notify the student of the order or subpoena in advance of compliance); 11) disclosure is to appropriate persons, agencies, institutions, or organizations in connection with an emergency if knowledge of the information is necessary to protect the health or safety of the student and/or of other persons; 12) disclosure is to the student

Inspect and Review Records

A student has the right to inspect and review his/her education records, with some exceptions under the Act, within 45 days of the day the university receives a request for access. Students should submit to the Office of the Registrar written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Amendment of Records

A student has the right to request the amendment of his/ her education records that the student believes are inaccurate or misleading. Students should write the university official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the university decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

Complaints

A student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The name and address of the office that administers FERPA is as follows:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW Washington DC 20202-4605

Academic Clemency

In order to provide a second opportunity for undergraduate students who performed poorly at some point in their studies, the University of Arkansas at Monticello has a policy on academic clemency. This policy is designed to help former students who have gained a new respect and commitment to higher education and the career opportunities that come from a college degree.

To be eligible for academic clemency, the student must not have been enrolled in any institution of higher education for a period of 5 years or more. The student must be enrolled at UAM. The request for clemency must be made within the first semester of the student's enrollment at UAM or the first semester the student is returning to UAM after being absent for a period of 5 years or more.

To be considered for academic clemency, the student must agree in writing to the following stipulations:

- All grades and credits earned in all semesters for which clemency is granted will be forfeited.
- All grades and credits for which clemency is granted will not count in computing GPA or in meeting requirements for graduation.
- The transcript will continue to contain the entire academic record, including the grade earned for each course. However, a notation will be made showing the semesters for which clemency was granted. The credit hours will become zero.
- Academic clemency can be granted only once in an individual's academic career and such declaration and granting is final and irreversible.
- In regard to financial history, state and federal regulations take precedence over the institutional policy of academic clemency.

- The academic clemency at UAM pertains only to UAM, and other institutions may or may not honor this policy.

In the case of transfer students who have received academic clemency at another accredited college or university, UAM will honor the clemency established at the previous institution. UAM will allow academic clemency for work taken at UAM or at another institution.

Students interested in pursuing academic clemency should contact the Office of Academic Affairs for the appropriate form and instructions.

Chancellor's List

After each fall and spring semester, the University publishes the Chancellor's List of all undergraduate students whose semester grade point average is 4.00 for 12 or more hours of course work at the 1000-4000 level.

Dean's List

After each fall and spring term, the University publishes the Dean's List of all undergraduate students whose semester grade point average is 3.50 or higher for 12 or more hours of course work at the 1000-4000 level.

Course Prerequisites and Corequisites

No student may enroll in a course until successfully completing all prerequisites or concurrently enrolling in the corequisite. The instructor may withdraw any student who does not comply with this regulation. The head of the academic unit in which the course is taught may approve exceptions to this policy.

Course Numbers and Symbols

The numbers of regular non-remedial University courses contain four digits: in general, the first indicates the university year; the second and third the particular course; and the fourth the number of hours of credit.

Developmental courses are numbered 1-999, freshman-level courses 1001-1999; sophomore-level courses 2001-2999; junior-level courses 3001-3999; senior-level courses 4001-4999; and graduate-level courses 5000-5999.

Degree Pathways: Academic Program Eligibility

To facilitate student success, the University has defined degree pathways based upon student skill sets necessary to succeed at an entry level. Therefore, the following ACT Composite scores are required for immediate entry into an academic program. Students who successfully complete their initial placement may pursue additional levels of certificates/degrees, if so desired.

Students may appeal up to one certificate/degree program level above their initial placement. To appeal, students must submit a Degree Pathways Appeal Form with the required documentation to the Office of Academic Affairs or the Director of Instruction (Crossett or McGehee campus) at least **two weeks prior to the first day of class** for the term or semester of desired admission. For other placement scores, students falling within the Conditional Prep status must declare a technical certificate or file a Degree Pathways appeal.

ACT Composite Score	**Programs Available**
Up to 12	Adult Education and/or Technical Program: Program options are determined by appropriate technical campus and TABE test results.
13 to 15	Technical Program: Automotive, Business Technology, Construction/ Heavy Equipment, Diesel Technology, Early Childhood Education, Hospitality Services, Welding Technology
16 to 18	Any Technical Program or Associate or Bachelor Degree: Sub-test scores are reviewed to determine academic program eligibility.
19 or above	Any Academic Program

Enrollment in Developmental Courses

The UAM developmental education program is designed to identify academically under-prepared students and assist in developing their abilities to successfully meet the requirements of college-level courses.

Students with developmental education needs and who are admitted to associate or bachelor's degree programs are placed in reading, math and/or English courses in compliance with the Arkansas Department of Higher Education approved UAM Student Placement Policy.

These students will not be allowed to enroll in online courses during their first term of enrollment. After the first term, students who do not require developmental English or reading may enroll in online courses.

All students including individuals enrolled in developmental courses should be enrolled in at least 15 credit hours of coursework each fall and spring terms to ensure steady academic progress toward "on-time" degree completion.

ACCP_NXTGEN		ACCUPLACER		SAT	ACT	Course Placement
Writing		**Sentence Skills**		**Writing/Lang**	**English**	**English**
1-249		1-78		Up to 310	1-17	ENGL 1013 Composition I **with** ENGL 100 Composition Lab
250 or above		79 or above		320 or above	18 or above	ENGL 1013 Composition I
Reading		**Reading**		**Critical Reading**	**Reading Skills**	**Reading**
245-250		1-75		Up to-310	1-17	ENGL 1013 Composition I **with** ENGL 100 Composition Lab
251 or above		76 or above		320 or above	18 or above	No Reading Remediation
Reading		**Reading**		**SAT Range**	**Composite**	**Conditional Prep**
1-245		1-68		870 and below	1-15	DEVT 101 Tech Orientation
College-Level Math	**QRAS**	**College-level Math**	**Elem. Algebra**	**Math**	**Mathematics**	**Mathematics**
NA	1-236	22-31	1-35	Up to 410	1-15	MATH 143 Intro. Algebra
NA	237-248	32-41	36-62	420-500	16-18	**Non-STEM Majors:** MATH 1103 Quantitative Literacy with Review **STEM Majors:** MATH 183 Interm. Algebra
NA	249-259	42-85	63-87	510-530	19-21	**NON-STEM Majors:** MATH 1003 Quantitative Literacy **STEM Majors:** MATH 1143 College Algebra with Review
NA	260 or above	86 or above	88 or above	540 or above	22 or above	**NON-STEM Majors**: MATH 1003 Quantitative Literacy **STEM Majors:** MATH 1043 College Algebra

Repetition of Courses

Students are limited to three attempts per course and may not repeat a course in which a "B" or "A" has been earned, unless specifically required to do so by their program of study. All courses attempted (including repeats) will remain on the transcript. The last grade earned will be used in computing grade point average. *NOTE: If a student repeats a course in which a passing grade was earned and receives an "F," the credit previously earned will be invalidated; the grade of "F" will be used in computing the grade point average. A grade of "W" will count as an attempt but will not replace a previous grade or credit hours for a course.*

To seek permission to attempt a course more than three times, students must appeal to their academic dean or the Academic Appeals Committee on the technical campus. Students who wish to enroll more than 3 times in a specific mathematics course other than MATH 143, Introduction to Algebra, must take and/or repeat the prerequisite for the course or pass an in-house placement exam.

Independent Study Courses for Undergraduates

It is sometimes desirable, and in the best interest of students' academic growth, that they be allowed to engage in independent study or research. Independent study or research courses will carry a course number of 479V in each discipline and are open only to students who meet the following criteria:

1) completion of 60 hours;

2) completion of a minimum of 12 hours of course work in the discipline of the independent study or research;

3) a 3.00 cumulative grade point average in the discipline in which the research is conducted.

Independent study and research courses will require extensive independent study and research, formal written reports, and regular conferences with the instructor. A detailed description of the proposal and its requirements must be submitted for approval to the academic dean and the Vice Chancellor for Academic Affairs. Students may complete only one independent study/research project per semester. Independent study/ research proposals should not duplicate existing courses in the academic catalog.

Undergraduates Enrolled in Graduate Courses

Qualified undergraduate students may be permitted to enroll in graduate courses within the following guidelines. Undergraduate students within 30 hours of graduation may petition to enroll in graduate courses by contacting the Vice Chancellor for Academic Affairs. A minimum cumulative grade point average of 3.00, approval by the course instructor, and consent of the academic dean or chair of the offering unit must be presented as part of the petition. Students enrolling in graduate courses for graduate credit (not undergraduate credit) may not apply such credits to undergraduate degree requirements.

Undergraduate Special Topics Courses

Courses numbered 198V and 399V, with variable credit of 1 to 3 hours, are available in each discipline to allow academic units the freedom to offer selected topics on an as-needed basis at the lower or upper level. Such special topics courses must be approved by the instructor, academic dean, and Vice Chancellor for Academic Affairs. A course syllabus for any given special topics class must be submitted as part of the approval process. To enroll in a special topics course, students must meet the prerequisites and/or corequisites as specified in the course syllabus and must meet any grade point requirements as stated in the syllabus or University catalog. A combined maximum of 6 credit hours may be earned in 198V and 399V special topics classes.

Audit

Students who audit a course do not receive credit for the course, and the instructor does not evaluate the progress of the student. After the deadline for registration has passed, students may not change from audit to credit status.

Non-Classroom Credit

Recognizing the fact that individuals are often able to learn concepts, skills, and information essentially equivalent to college-level learning, yet acquired outside the traditional college classroom setting, the University offers students the opportunity to earn college credit through special examination, evaluation, and other procedures. A maximum of 30 college credit hours may be awarded for non-classroom credit.

Students may earn academic credit without letter grades through these procedures by satisfactorily completing:

1) requirements and examinations in approved correspondence courses;
2) approved examinations in the College Entrance Examination Board 's Advanced Placement program;
3) approved examinations in the College Level Examination Program (CLEP);
4) examinations prepared by the appropriate academic unit;
5) assessment of prior military training;
6) completion of law enforcement and corrections training;
7) International Baccalaureate Program; and
8) prior work and/or life experiences (experiential learning).

1. Correspondence Courses

The maximum correspondence credit accepted is 15 semester hours. All students enrolled at the University of Arkansas at Monticello who pursue correspondence work must have prior approval of their academic advisor, academic dean, and the Vice Chancellor for Academic Affairs. The test must be taken either at the University of Arkansas at Monticello Testing Center or at the institution offering the correspondence course. If this procedure is not followed, the University may refuse to accept the hours for credit.

Correspondence credit may not be taken when the same course is offered on campus, except in the case of absolute conflicts and with the permission of the Vice Chancellor for Academic Affairs.

Correspondence courses will not be used to satisfy General Education requirements, and some specific courses must be taken in residence.

The institution sponsoring the correspondence course must provide the University with a transcript or notification of completion. Credit will not be granted unless the grade for the correspondence work is a "C" or better.

2. Advanced Placement Credit

UAM will grant college credit for courses successfully completed in the Advanced Placement Program of the College Entrance Examination Board by an entering freshman while in high school. The semester hours of credit permitted will be that allowed for the corresponding course or sequence of courses at UAM, but no grade will be assigned. Students receiving Advanced Placement Credit for a course may not earn CLEP credit for a prerequisite to this course.

The tests and scores accepted by the University are:

Advanced Placement

Course	UAM Equivalent Course(s) Score
Art History	ART 1053 Art Appreciation 3
Biology	BIOL 1063 & 1071 Intro. to Biological Science/ Lab 3
Calculus AB	MATH 2255 Calculus I 3
Chemistry	CHEM 1023 & 1031 Intro. Chemistry/Lab 3
	CHEM 1103 & 1121 General Chemistry I/Lab 4
	CHEM 1113 & 1131 General Chemistry II/Lab 5
Computer Science A	CIS 1013 Intro to Computer Based Systems 3
Computer Science Principles	CIS 1013 Intro to Computer Based Systems 3
English Language & Composition	ENGL 1013 Composition I 3
	ENGL 1013 & ENGL 1023 Composition I, II 4
English Literature & Composition	ENGL 2283 World Literature 3
	ENGL 2283 & ENGL 2293 World Literature I, II 4
World History	HIST 1013 World History to 1500 or HIST 1023 World History Since 1500 3
French Language and Culture	FREN 2203 Intermediate French I 3
	FREN 2213 Intermediate French II 4
Physics I	PHYS 2203/2231 College Physics I/Lab 3
Physics 2	PHYS 2213/2241 College Physics II/Lab 3
Physics C, Mechanics	PHYS 2313 University Physics I 3
Physics C, Electricity	PHYS 2323 University Physics II 3
Psychology	PSY 1013 Introduction to Psychology 3
Macroeconomics	ECON 2203 Principles of Macroeconomics 3
Microeconomics	ECON 2213 Principles of Microeconomics 3
Music Theory	MUS 1113 Music Appreciation 3
Spanish Language and Culture	SPAN 2203 Intermediate Spanish I 3
	SPAN 2213 Intermediate Spanish II 4
Statistics	ECON 2113 Business Statistics I 3
Studio Art, Drawing	ART 1013 Drawing 3
United States Government	PSCI 2213 American National Government 3
United States History	HIST 2213 or HIST 2223 American History 3

This listing is frequently updated to reflect changes in the Advanced Placement program. For current information contact the Office of Academic Affairs at (870) 460-1032.

3. Credit by Examination

Students may gain college credit in a number of subjects through some nationally sponsored examination programs such as the College Level Examination Program (CLEP). Specific information about what tests can be taken for course credit can be obtained through the Testing Office located in Student Success Center, second floor, Monticello campus, (870) 460-1454.

4. Credit by Academic Unit Examination

In some instances, students may earn credit for selected 1000-4000 level courses by passing a specially prepared Academic Unit Examination. Academic Unit Examinations are not available for all courses. Students wishing to take an Academic Unit Examination must complete a form available in each academic unit, obtain permission from the academic dean, the professor of record (a full-time faculty member), and the appropriate Vice Chancellor.

Academic Unit Examinations can only be taken during a regular academic semester. Requests for credit by Academic Unit Examination must be submitted and approved by the 26th day of the semester. Exams must be administered within 5 weeks following the approval.

Students may not attempt credit by Academic Unit Examination in any course:

1. For which an approved CLEP examination is available,
2. When the student has already attempted the course,
3. When the student has completed a more advanced course for which credit by Academic Unit Examination is a prerequisite,
4. Below the 1000-level.

A maximum of 6 technical credit hours and 12 non-technical credit hours may be earned through credit by Academic Unit Examination. Academic deans have details regarding specific examinations as well as current fee information.

5. Credit for Prior Military Training

The University may award up to 12 credit hours for prior military training courses listed in the latest edition of the American Council on Education's A Guide to the Evaluation of Educational Experiences in the Armed Services. The evaluation must be presented to the University on an official transcript from A.C.E. or a Joint Services Transcript (JST). For further information contact the Office of the Registrar.

6. Credit for Law Enforcement and Corrections Training

The University may award up to 6 credit hours for successful completion of the Arkansas Law Enforcement Training Academy or the Academy of the Arkansas Department of Corrections. Based on the evaluation of the nature of the training, the Dean of Social and Behavioral Sciences and the Criminal Justice faculty will determine for which specific criminal justice courses the training can be substituted.

For further information contact the Office of the Registrar at (870) 460-1034 or School of Social and Behavioral Sciences at (870) 460-1047.

7. International Baccalaureate Program (IB)

The International Baccalaureate (IB) program, a comprehensive and rigorous two-year high school curriculum, is offered in the United States and around the world. The IB program gives high school students the opportunity to pursue college-level studies and to receive credit for final examinations upon entering the University.

Students seeking credit for IB examinations must request that a final, official IB transcript of certificate or diploma results be sent by mail to the UAM Office of Admissions.

Approval has been granted by appropriate academic units to award credit in the following courses. The minimum scores were established by the academic units of the subject areas.

International Course	UAM Course	Minimum
Anthropology, Standard	ANTH 2203 Anthropology	5
Biology, Standard	BIOL 1063/1071 Intro. to Biology/Lab	5
Biology, Higher	BIOL 1063/1071 Intro. to Biology/Lab	4
	BIOL 1041/1053 Prin. of Biology/Lab	5
Chemistry, Standard	CHEM 1023/1031 Intro. to Chemistry/Lab	5
Chemistry, Higher	CHEM 1023/1031 Intro. to Chemistry/Lab	4
	CHEM 1103/1121 General Chemistry I/Lab	5
CIS, Standard	CIS 1013 Intro. To Computer-based Systems	5
CIS, Higher	CIS 1013 Intro. to Computer-based Systems	4
	CIS 2213 Microcomputer Applications	5
Economics, Standard	ECON 2203 Macroeconomics	5
Economics, Higher	ECON 2203 Macroeconomics	4
	ECON 2203 Macroeconomics and ECON 2213 Macroeconomics	5
English, Standard	ENGL 1013 Composition I	5
English, Higher	ENGL 1013 Composition I	4
	ENGL 1013 Composition I and ENGL 1023 Composition II	5
French, Standard	FREN 1003 Elementary French I	5
French, Higher	FREN 1003 Elementary French I	5
	FREN 1003 Elementary French I and FREN 1013 Elementary French II	5
Geography, Standard	GEOG 2213 Gen. Geography I	5
History, Standard	HIST 2213 American History I	5
History, Higher	HIST 2213 American History I	4
	HIST 2213 American History I and HIST 2223 American History II	5
History, Standard	HIST 1013 Survey of Civilization I	5
History, Higher	HIST 1013 Survey of Civilization I	4
	HIST 1013 Survey of Civilization I and HIST 1023 Survey of Civilization II	5
Latin, Standard	MODL 2013 Latin I	5
Latin, Higher	MODL 2013 Latin I	4
	MODL 2013 Latin I and MODL 433V Latin II	5
Math Studies, Standard	MATH 1043 College Algebra	5
Math Studies, Higher	MATH 1043 College Algebra	4
Mathematics, Standard	MATH 2255 Calculus I	5
Music, Standard	MUS 1023 Theory I & MUS 1033 Theory II	5
Music, Higher	MUS 1023 Theory I & MUS 1033 Theory II	4
Philosophy, Higher	PHIL 2223 Intro. To Philosophy	5
Physics, Standard	PHYS 2203/2231 College Physics I/Lab	5
Physics, Higher	PHYS 2203/2231 College Physics I/Lab	4
	PHYS 2213/2241 College Physics II/Lab	5
Psychology, Standard	PSY 1013 Intro. To Psychology	5
Psychology, Higher	PSY 1013 Intro. To Psychology	4
	PSY 1013 Intro. To Psychology and PSY 1023 Advanced Gen. Psychology	5
Spanish, Standard	SPAN 1003 Elementary Spanish I	5
Spanish, Higher	SPAN 1003 Elementary Spanish I	4
	SPAN 1003 Elementary Spanish I and SPAN 1013 Elementary Spanish II	5

8. Credit for prior work and/or life experiences.

In some instances, the University may award up to 12 credit hours of experiential learning credit toward a baccalaureate degree; a maximum of 6 credit hours toward an associate degree; or 6 technical credit hours toward an associate of applied science or technical certificate. Credit will not be awarded for any course for which a grade was received in the past 6 years. Credit will not be awarded for any course in which there is a College Level Examination Program (CLEP) test available at UAM. Credit for work and/or life experience will be awarded a grade of "credit" only; no letter grade (A, B, C, D, or F) will be assigned to prior work and/or life experience credit.

Any student who is interested in credit for prior work and/or life experiences should contact the dean of the academic unit or the Assistant Vice Chancellor at the College of Technology campuses campus where the credit will be applied. A student seeking experiential credit will be

assigned a faculty advisor who will work with the student to develop an assessment plan (approved by the academic dean) to evaluate work and/or life experiences for academic credit/no credit. Evidence that supports the assessment plan for the experiential learning credit must be submitted to the faculty advisor at least 30 days prior to the end of the semester of course enrollment.

Student Load and Definition of Full/Part-Time Students

Full-time undergraduate student status requires registration in at least 12 semester hours of courses. Students registered in less than 12 semester hours will be considered part-time status. A normal load is considered 15 semester hours.

The maximum number of semester hours in which a student with less than a GPA of 3.00 may enroll is 18. A student who has a cumulative GPA of 3.00 or who has applied for graduation, may register for a maximum of 21 hours for the current semester. Students who do not meet the GPA requirement or graduation criteria must have approval of the Vice Chancellor for Academic Affairs before registering for more than 18 hours. All students wishing to register for more than 18 semester hours must pay tuition and fees for the additional registration.

Students may register for a total of 7 semester hours per summer session not to exceed 14 semester hours during the combined summer sessions. Mini-courses, field studies, and courses across summer sessions are excluded from this 14-hour maximum. Students enrolled in at least 6 hours during the summer session will be considered full-time status. Less than 6 hours will be considered part-time status during the summer.

Schedule Changes (Drop/Add) and Withdrawal

For Fall and Spring semesters, students may add courses to their schedules, with the approval of their assigned advisor, only during the first through third class days of the semester. Students may drop a course, or withdraw from all courses, through the first 11 days of classes with no grade or course listed.

In a summer term, these periods are shorter; specific deadline dates are listed in the University Calendar.

A processing fee will be charged for each change of schedule except during the registration period.

During a fall or spring semester, courses dropped and withdrawals accomplished will be recorded on a student's transcript as follows:

First 11 class days - no course listed;

12th class day through 50th class day - grade of "W" only;

After the 50th class day, no drops or withdrawals.

Any student who experiences an unexpected extenuating circumstance after the 50th class day and finds it necessary to leave the University may appeal to the Vice Chancellor of Academic Affairs or his/her assigned designee for an exception to the above policy. The student is required to include supporting documentation for the appeal. The Vice Chancellor of Academic Affairs may also consider the student's attendance in class before rendering a decision.

To drop a course, a student should begin at the office of his/ her academic advisor. To completely withdraw from the University, a student should begin at the Registrar's Office, return any library books, laboratory keys, University equipment, and check out of the residence hall.

When an emergency or other special circumstance makes it impossible for a student to withdraw in person, the student may correspond with the Office of the Registrar to make other arrangements.

Students who stop attending a course (or all courses) without dropping or withdrawing officially will receive a grade of "F" in each course(s).

Attendance Regulations

Regular class attendance is considered an essential part of the students' educational experience and a requirement for adequate evaluation of academic progress. The faculty considers that college students, as mature individuals, will recognize the need for regular attendance and will comply with this requirement. Faculty may establish specific attendance requirements that will be stated in the course syllabus.

Student Absences Due to Participation in University-Sponsored Events

At times, a student may participate in a University-sponsored activity that causes the student to miss one or more class meetings. When this occurs, the sponsor of the activity will provide the student with a memo that includes the event, dates and times of the event, and the student's name. The student will individually contact each of his/her instructors to discuss the class(es) to be missed. This discussion should occur at least one week prior to the anticipated absence. The student is responsible for all material covered and any class activities during the absence. The sponsor of the activity will also provide all academic deans and the Office of Academic Affairs a description of the activity that includes the location, dates, and a list of campus participants.

Policy on Visitors

All visitors to a class are required to have the permission of the instructor. Visitors to any classroom or University facility must not be disruptive or present a safety hazard. Anyone planning to visit a class for more than 4 sessions will be required to enroll in the class as an auditor.

Grade Point Average

A student's cumulative grade point average represents only those grades earned in residence at the University. Grades earned in courses at

other institutions and transferred to the University will not be used in calculating cumulative grade point averages. Additionally, correspondence courses will not be included in cumulative grade point averages.

The grade point average of a student who takes a course at UAM and then repeats the course at another institution will not be affected by the grade earned at the transfer institution, even if the grade earned there is sufficient ("C" or better) to allow the credit to be accepted at UAM.

NOTE: Except for repeats, a minimum 2.00 cumulative grade point average (GPA) is required to enroll in a junior (3000) or senior (4000) level course. Any exceptions to this policy must be approved by the Vice Chancellor for Academic Affairs or designee.

Conditional Prep Status

The Arkansas Higher Education Coordinating Board has indicated that beginning January 2013, a first-time associate or baccalaureate degree seeking student with a high school diploma or GED and/or a composite score of 15 or below on the ACT, 690 or below on the SAT, 62 or below on the COMPASS Reading Skills test, 35 or below on the ASSET Reading Skills test, or 68 or below on the ACCUPLACER Reading exam will be admitted to the institution under the Conditional Prep Status.

A student who is admitted under the Conditional Prep Status must:

1. Declare a technical certificate program as his/her primary plan of study. A student may file a Degree Pathways appeal to attempt entry into a certificate/degree program one level above his/her initial placement.

2. Sign an Enrollment Agreement that outlines the requirements of satisfactory academic progress and continued enrollment. This Enrollment Agreement must also include an individualized degree plan that must be signed by the student and the student's academic advisor;

3. Enroll in a freshman seminar/orientation course. This orientation course must be repeated each semester until it has been successfully completed;

4. Participate in a comprehensive advising/hold on the registration process; and

5. Complete any necessary developmental courses during the first 30 semester credit hours.

At the end of each semester, the records of students actively admitted under Conditional Prep Status are reviewed by the Office of Academic Affairs or Director of Instruction on the appropriate technical campus. A student who has not completed the requirements of the Enrollment Agreement with a minimum cumulative grade point average of 2.00 will be required to enroll in the appropriate course(s).

First-Time Freshmen: 8-Semester Program of Study

Pursuant to Arkansas Act 1014 of 2005, first-time freshmen may elect to participate in a guaranteed 8-semester degree completion program for most bachelor's degrees offered at the University. During fall and spring terms, all first-time freshmen must submit a signed acceptance of an 8-Semester Program of Study or a waiver of the 8-Semester Program of Study by the 5th class day.

The degree majors that are included in the 8-semester degree completion program are:

B.A. in Art
B.A. in Communication
B.A. in English
B.A. in Health and Physical Education, non-licensure
B.A. in History
B.A. in Liberal Arts
B.A. in Modern Languages
B.A. in Music
B.A. in Political Science
B.B.A. in Accounting
B.B.A. in Business Administration
B.I.S. in General Studies
B.S. in Agriculture
B.S. in Biology
B.S. in Chemistry
B.S. in Computer Information Systems
B.S. in Criminal Justice
B.S. in Education Studies, non-licensure
B.S. in Exercise Science
B.S. in Health and Physical Education, non-licensure
B.S. in Land Surveying, for those beginning in Fall Semester only
B.S. in Mathematics
B.S. in Natural Science
B.S. in Psychology
B.S. in Teaching and Learning
B.S.W. in Social Work

When choosing to participate in the guaranteed 8-semester degree completion program, the student accepts responsibility for monitoring his/her progress toward a degree and for making choices that will lead to graduation in 4 years. In accepting an 8-semester program of study for degree completion, the student acknowledges that he/she must do each of the following:

1. Follow exactly the 8-semester program of study with the understanding that any exceptions must be approved by the academic advisor, academic dean, and Academic Affairs.

2. Make satisfactory academic progress including maintaining a cumulative grade point average of at least 2.00 or greater overall, as well as maintaining the required grade point average in the major and, if applicable, the minor.

3. Be continuously enrolled in fall and spring terms and complete at least 30-36 semester credit hours of appropriate course work each academic year as outlined in the program of study.

4. Have each class schedule approved by the official academic advisor and register for classes each semester during the designated pre-registration or registration period.

5. Accept any available course section in scheduling classes for a new semester.

In accepting an 8-semester program of study for degree completion, the student acknowledges that any of the following will void the agreement: changing the major, dropping a course, failing a course, failing to earn a minimum grade required for a course, incurring academic probation or suspension, withdrawing from the University, failing to pay tuition and fees, failing to finalize registration, or incurring disciplinary actions or sanctions that affect academic progress.

Any first-time freshman who chooses not to commit to completion of the program of study within 8 semesters is required to sign a waiver. A waiver is appropriate for any student who has not declared a major, has declared a major not included in the 8-semester degree completion program, is not seeking a baccalaureate degree, is required to enroll in one or more developmental courses, or is not a full-time student.

Questions about the 8-semester program of study plans and procedures should be addressed to the Office of Academic Affairs at (870) 460-1032.

Academic Standing and Suspension

At the end of each fall and spring semester, the University reviews the term and cumulative grade point averages of all students. To make academic achievement and progress toward a degree, each student is expected to maintain both semester and cumulative grade point averages of 2.00 or higher. If either the cumulative or semester grade point average falls below 2.00, the student will be placed on academic probation. Academic probation carries no restrictions but serves as a notice that academic suspension from the University will follow unless the quality of academic work improves. The University will continue a student on academic probation until both the cumulative and semester grade point averages are 2.00 or higher. When both the cumulative and semester grade point averages are 2.00 or higher, the student is removed from academic probation.

Students on academic probation whose semester and cumulative grade point averages both fall below 2.00 will be subject to suspension from the University. The first suspension will be for one semester; the second suspension and any subsequent academic suspensions will last for one year each. An academic suspension may be appealed to the Academic Appeals Committee at the student's respective location (Monticello, Crossett, or McGehee).

Students subject to their first academic suspension (one semester) at the end of the spring semester will be allowed to enroll in the fall semester if, during the summer, they earn at least 6 hours of course work at UAM (any of the 3 locations) with a minimum 2.00 grade point average on all courses attempted. Otherwise, they must sit out the fall semester or have a successful appeal.

Students subject to their first academic suspension (one-semester) at the end of the fall semester will have the option to enroll in a maximum of 9 hours of course work during the spring term to improve their GPA. They will be allowed to enroll in summer and/or fall classes if, during the spring semester, they earn at least 6 hours of course work at UAM (any of the 3 locations) with a minimum 2.00 grade point average on all courses attempted. Otherwise, they must sit out the summer and fall semesters or have a successful appeal.

The grade point averages of all students enrolled at UAM during the summer will be evaluated at the end of the second summer term on all courses attempted. Students whose cumulative grade point average meets the appropriate standard at the end of the summer will be removed from academic probation or academic suspension. Students will not be suspended or placed on academic probation based on their academic performance during the summer.

Any credit earned from another institution while a student is subject to suspension or suspended will not be accepted by UAM.

Suspended students who are not enrolled at any UAM location during a spring or fall semester must contact the Office of Admissions for readmission to the University.

NOTE: A student's financial aid eligibility is based on grade point average and number of credit hours completed; therefore, financial aid standing may be different from academic standing. There is a separate appeals process for students on financial aid denial. Students should contact the Office of Financial Aid in Harris Hall for specific financial aid information.

Continuous Enrollment in Required Courses

All full-time students must be continuously enrolled in the appropriate English composition and mathematics courses until general education requirements in these areas have been met. A student enrolled in developmental mathematics, and/ or developmental English composition, and/or Composition I, must complete the course with a grade of "C" or higher. Part-time, degree-seeking students must complete the mathematics and English composition requirements in the first 30 credit hours attempted.

Honor Society

Alpha Chi is a national scholarship recognition society with more than 300 chapters nationwide. Its purpose is to promote academic excellence and exemplary character among college and university students and to honor those who achieve such distinction. As a general honor society, Alpha Chi admits to membership students from all academic disciplines. UAM's chapter, Arkansas Zeta, was chartered in

1956. Membership is by invitation and is limited to students actively seeking academic degrees who: have completed at least 62 hours; academically rank in the upper ten percent of the Junior and Senior classes; have compiled at least a GPA of 3.60 or above; and have completed the general education requirement in English composition and mathematics. Transfer students must have completed at least 24 hours at UAM. Accumulated "W's" may affect eligibility.

Transfer Policy

Transfer applicants must meet the minimum academic standing requirements as outlined elsewhere in this catalog and be admissible to the institution from which they are transferring. Students should contact the Office of the Registrar (870-460-1034) for additional information.

Transfer students must submit an ACT, ACCUPLACER, or SAT score when he/she has not completed a transferable course in mathematics which will satisfy the general education mathematics requirement or when he/she has not completed one semester of a transferable course in English composition. Course credit for acceptable work is transferred, but grades are not transferred; i.e. transfer work does not affect the UAM grade point average of a student.

Students on suspension from UAM may not transfer hours taken at any other institution during the suspension period.

Other regulations affecting transfer credit are:

1. Transferring students may receive credit for course work completed at an accredited post-secondary institution where a grade of "C" or higher has been earned. Credit is not awarded for course work completed at educational institutions judged not to be collegiate level.

2. Generally, the University does not accept transfer credit hours in which a grade of "D" was awarded. However, requests for exceptions to this transfer credit policy may be made to the Vice Chancellor for Academic Affairs. The following regulations apply:

   a. A student entering the University for the first time must make application during his/her first term of enrollment.

   b. Six (6) credit hours with grades of "D" will be the maximum allowed.

   c. Transfer hours accepted with grades of "D" will be applicable only to general education or to general electives.

3. No more than 6 credit hours of religion will count toward the degree requirements of a major.

4. A maximum of 68 credit hours may be transferred from a community, technical, or junior college. Exceptions may be made in instances where UAM has entered into articulation agreements with community, technical, or junior colleges.

5. The final decision regarding transfer course equivalents to University courses will be made by the University.

6. Military service, CLEP examination scores, and Advanced Placement scores may be evaluated for credit but will not be accepted as posted on another institution's academic transcript. Original documentation must be submitted to the Office of the Registrar for evaluation.

7. Transfer students with less than a 2.00 cumulative grade point average or less than a 2.00 semester average for their last semester will be admitted on academic probation.

Transfer of Technical Credits

Generally, technical courses are not transferable as credit toward baccalaureate degrees. However, an exception for credit may be made for no more than 12 hours of technical course credit from an accredited technical school, college, or college of technology with the approval of the advisor, academic dean, the Office of Academic Affairs, and the Registrar through the Completion of a Recommendation for Course Equivalency, Waiver, or Substitution form.

Arkansas Course Transfer System

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment in the application of credits for the admissions and degree requirements. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Additionally, courses with a "D" frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet from the Arkansas Department of Higher Education (ADHE) website (http://adhe.edu), select "Students" then "Arkansas Course Transfer System."

Major Field of Study

Any student can declare a major field of study, at which time he/she will be assigned to an academic advisor in the academic unit offering the major. Students who are undecided about their major are advised by "General Studies" faculty advisors. Regardless of whether a major has been declared, students are encouraged to complete the general education requirements within their first 60 hours.

Some major programs have specific course work, grade point, or other requirements that must be met to continue in the field of study. Students should contact their academic advisor or the academic dean of the appropriate school or division for information about specific major requirements.

Students can change their major by completing a "Change of Major" form in the academic office of the desired major.

Declaring a Major

With the exception of a student who wishes to pursue the Bachelor of Interdisciplinary Studies (B.I.S.) degree, a student should declare a

major field of study prior to earning 45 credit hours at the 1000-level or above. A student wishing to pursue the Bachelor of Interdisciplinary Studies degree must earn 45 credit hours at the 1000-level or above before declaring himself/herself a B.I.S. major.

Academic Appeals Committee

The Academic Appeals Committees are composed of 7 full-time faculty members on the Monticello campus and 5 faculty/staff on the UAM College of Technology at Crossett and the UAM College of Technology at McGehee campuses. These committees are responsible for hearing student appeals of academic probation, suspension, and other academic matters. The Committee will hear appeals of grades if mediation by the academic dean or Vice Chancellor for Academic Affairs cannot resolve a dispute. The Student Handbook, available from the UAM homepage, includes a detailed description of the appeals process.

Appeals should be addressed to the chief academic officer of each campus.

Degree Pathways Appeals Committee

The Degree Pathways Appeals Committee for the Monticello campus is composed of the Associate Vice Chancellor for Academic Affairs, the Dean for School of Arts and Humanities, the Dean for School of Mathematics and Natural Sciences, and the dean of the academic program requested in the appeal. The UAM-COT of McGehee and the UAM-COT at Crossett Degree Pathways Appeals Committees shall be composed of five (5) full-time faculty members on each campus. The Student Handbook, available from the UAM home page, includes a detailed description of the appeals process.

Academic Code Violations

Cheating and plagiarism are considered academic violations.

These violations are adjudicated through the academic violation process below:

1. An instructor who suspects a student is guilty of cheating or plagiarism within the instructor's class must inform the student of this suspicion and provide the student with an opportunity to respond to the accusation.

2. An instructor who believes a student is guilty of cheating or plagiarism within the instructor's class may take any of the following actions: 1) issue a warning to the student; 2) lower the grade awarded to the student for the paper or test; 3) require the student to retake the test or rewrite the paper; 4) award no credit for the paper or test; 5) withdraw the student from the course; 6) award the student a failing grade for the course.

3. A student who receives any of the above actions who feels this action is unjust may appeal the instructor's decision as addressed in the academic appeals process. This appeal procedure must begin within ten class days of receiving written or oral notice of the action.

Transcripts

The University charges $10 (price subject to change) for each transcript issued. No transcript will be issued until all financial records have been cleared and the transcript fee is paid.

Only the student may request his/her transcript. Transcripts may be requested as follows:

1. Online: http://www.getmytranscript.org/

2. In person. Students may to go the Cashier's Office (Harris Hall, second floor, Monticello campus) during Cashier's office hours and make payment for the transcript. The request and the receipt should be submitted to the Office of the Registrar in Harris Hall for transcript pickup. Arrangements can also be made to have the transcript mailed directly from the University.

3. By mail. Students should send a signed request including full name, social security number, contact information, and where to send the transcript to: Cashier's Office, PO Box 3597, Monticello, AR 71656.

Upon specific request, transcripts may be faxed directly from the Office of the Registrar. However, students should be aware that recipients of such transcripts might not accept them as official. Faxing a transcript and mailing an official transcript are considered two separate transactions, and two separate fees will be charged.



Graduation Requirements

Regulations Applicable to All Baccalaureate Degrees

General Education

It is the mission of General Education to provide a foundation for sustained lifelong learning. The program is designed to help the student develop his/her abilities to reason critically, analyze objectively, think creatively, perceive assumptions, make judgments on the basis of values, construct arguments, use evidence, and communicate and observe effectively. General Education enhances the specific skills of reading, writing, computation, comprehension, listening, and speaking. The program instills an appreciation and understanding of the creative, intellectual, social, and scientific forces which shape history and guide lives.

Student Learning Outcomes

When General Education is successfully completed, the student should be prepared to:

- Communicate effectively in social, academic, and professional context using a variety of means, including written, oral, quantitative, and/or visual modes as appropriate to topic, audience, and discipline.
- Demonstrate critical thinking in evaluating all forms of persuasion and/or ideas, in formulating innovative strategies, and in solving problems.
- Demonstrate sensitivity to and understanding of diversity issues pertaining to race, ethnicity, and gender and will be capable of anticipating how their actions affect campus, local, and global communities.
- Work collaboratively to reach a common goal and will demonstrate the characteristics of productive citizens.

The following General Education requirements apply to all baccalaureate degrees. These requirements exist to ensure that each student's program contains a significant liberal arts emphasis. It is expected that students will complete the General Education requirements within their first 60 hours.

Total Hours 35

Composition: 6 Credit Hours

ENGL	1013	Composition I and
ENGL	1023	Composition II
		or
ENGL	1033	Honors Composition I and
ENGL	1043	Honors Composition II

Communication: 3 Credit Hours

Choose one of the following:

COMM	1023	Public Speaking
COMM	2283	Business and Professional Speech
COMM	2203	Interpersonal Communication
NRM	2063	Natural Resources Communication

Fine Arts: 3 Credit Hours

Choose one of the following:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Humanities: 3 Credit Hours

Any literature course
Any philosophy course
Any foreign language course

Mathematics: 3 Credit Hours

Any MATH 1000-level or above

Social Sciences: 9 Credit Hours

Choose one of the following (3 hours):

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

Choose two courses from two different disciplines from the following (6 hours):

ANTH	2203	Cultural Anthropology
ANTH	2213	North American Indians
ANTH	2223	World Prehistory
ANTH	2233	Arkansas Regional Archeology
ANTH	2243	Sex, Gender, and Culture
ANTH	2253	Intro to Archeology
CJ	1013	Introduction to Criminal Justice
CJ	2293	Law and Society (same as PSCI 2293)
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
GEOG	2213	Geography I
GEOG	2223	Geography II
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
PSCI	2223	State Government Arkansas
PSCI	2233	Comparative Politics
PSCI	2293	Law and Society (same as CJ 2293)
PSCI	2353	World Politics
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology
SOC	2223	Social Problems
SWK	2123	Introduction to Social Work

Science with labs: 8 Credit Hours

Choose two 3-hour lecture courses with associated 1-hour labs or two 4-hour courses with integrated labs chosen from the following disciplines:

Biological Science
Earth Science
Chemistry
Physics

Total Hours 35

NOTE: If an Arkansas Course Transfer (ACTS) equivalency exists, it is indicated on the course description or you may visit: https://acts.adhe.edu/studenttransfer.aspx.

Restrictions

The following restrictions apply to the General Education program:

1. Courses from the major of a student will be counted for General Education elective credit only in the Communications, Fine Arts, and the Mathematics categories. When supportive requirements exist for a given major but are drawn from a discipline other than the major, they may be used to meet the general education requirements.
2. In addition to the courses in the major curriculum and its supportive requirements, a major may require specific courses within the General Education elective options.

Senior Credit Requirement

For any baccalaureate degree, a total of 40 semester hours must be earned in courses numbered at the 3000-4000 level. At least 20 hours in the major and at least 9 hours in the minor must be at the 3000-4000 level unless otherwise specified.

Residency Requirement

For a baccalaureate degree, candidates must have earned at least 30 semester hours in residence at the University of Arkansas at Monticello, 24 of which must be taken after attaining senior class standing, and a portion of which must be in the major and/or minor field. Special permission to deviate from the senior residence requirement may be granted in individual cases where a proposal has merit relative to the student's academic objectives. Such requests must be presented in writing by the student to the Vice Chancellor for Academic Affairs and must have the approval of the student's major advisor and the Academic Appeals Committee.

For an associate degree, at least 15 semester credit hours of the degree requirements must be fulfilled by credit earned from the

University of Arkansas at Monticello. Technical credit hours do not count toward the Associate of Arts degree or the Associate of Science degree.

Second Baccalaureate Degree

Students who wish to pursue a second baccalaureate degree must do the following.

- Satisfy all major and supportive requirements for the second degree as outlined in the catalog.
- Satisfy the residency requirement. If the first degree was awarded by UAM, the student will complete the remaining degree requirements in residence. If the first degree was NOT awarded by UAM, the student must complete a minimum of 30 hours in residence at UAM and meet the requirements of the degree sought.
- Satisfy all grade point average requirements.

Second Major

A student may complete a second major. All requirements for both majors must be fulfilled; course substitutions may be made at the Dean's discretion. Students who have already earned a baccalaureate degree are not eligible to seek a second major except by earning a second, separate degree.

Graduation under a Particular Catalog

Students have a maximum of 6 years to graduate under the catalog in effect at the time of their original enrollment. Students have the following 3 options: (1) abiding by the requirements of the UAM catalog in effect at the time of their original enrollment, (2) abiding by a more current active UAM catalog, as long as they were enrolled at UAM during one or more terms in which the catalog was in effect, or (3) abiding by the most current catalog. Changes in academic programs or actions taken by authorities external to the University (e.g., accrediting agencies or state agencies) may make it necessary for a student to move to a more recent catalog.

The present catalog is in force from Fall 2020 to Fall 2021. Candidates for graduate degrees should refer to the graduate section of the catalog.

Grade Point Requirement for Graduation

A minimum grade point average of 2.00 is required in: 1) major field, 2) minor field, and 3) overall. Some majors require all (or some) major courses to be completed with a minimum grade of "C."

Advisement Report Requirement

Following completion of 70 hours and prior to the completion of 90 hours, baccalaureate students must have an advisement report on file in the Office of the Registrar. Students who have completed 90 or more hours must have a signed advisement report on file to register for the next semester. Students seeking an associate degree must file an advisement report between 35 and 45 hours. Students seeking technical certificates must file a Graduation Advisement Report in the final semester of study. Advisement Reports must include the signature of the student, advisor, academic dean and Registrar.

When a student applies for graduation, which occurs the semester before the intended graduation or in the final semester of study (technical certificate students), the student must meet with his/her advisor to complete and sign the Graduation Advisement Report. The signed report is then submitted to the Office of the Registrar. The signed report is used by the Registrar's Office as a checklist to assist with the verification of the student's graduation requirements.

Lack of knowledge or incorrect interpretation of University policies and regulations does not remove the student from the obligation to satisfy all requirements for a degree/certificate. The student bears the ultimate responsibility for completing a degree/certificate program. (See the Commencement section elsewhere in this section.)

Specific Degree Requirements

Associate Degrees

For information on the requirements for these degrees, please refer to the academic unit offering the associate degree of interest:

College of Forestry, Agriculture and Natural Resources — Associate of Applied Science in Forest Technology, Associate of Science in Agriculture, Associate of Science in Land Surveying Technology, and Associate of Science in Natural Resource Management

School of Business – Associate of Science in Business Administration

School of Computer Information Systems – Associate of Science in Computer Information Systems

School of Social and Behavioral Sciences – Associate of Applied Science in Crime Scene Investigation, Associate of Applied Science in Law Enforcement Administration, and Associate of Science in Criminal Justice

Division of General Studies - Associate of Arts and Associate of Applied Science

School of Nursing - Associate of Applied Science in Nursing
UAM College of Technology at McGehee - Associate of Applied Science in General Technology and Associate of Applied Science in Advanced Manufacturing Technology
UAM College of Technology at Crossett – Associate of Applied Science in Industrial Technology, Associate of Applied Science in General Technology, Associate of Applied Science in Hospitality and Tourism Management, and Associate of Applied Science in Advanced Manufacturing Technology

Baccalaureate Degrees

Candidates for any baccalaureate degree must complete the following four requirements:

1. At least 120 hours of course work at or above the 1000-level in addition to any required courses below the 1000-level. At least 40 hours must be earned in courses numbered at the 3000-4000 level;

2. The General Education Program as listed elsewhere in this catalog;

3. A comprehensive major or a major of at least 30 hours and a minor of at least 18 hours.

4. The residency requirements as described elsewhere in this catalog.

Bachelor of Arts (B.A.) Degree

Refer to the appropriate program section of the catalog for information on the majors:

B.A. Majors

Art
Communication
English
Health and Physical Education (non-licensure)
History
K-6 Early Childhood Education
Liberal Arts
Middle Childhood Education
Modern Languages
Music
Political Science

The Bachelor of Applied Science (B.A.S.) Degree

Refer to the Division of General Studies section elsewhere in this catalog.

The Bachelor of Business Administration (B.B.A.) Degree

Refer to the School of Business section elsewhere in this catalog.

B.B.A. Majors

Accounting
Business Administration

The Bachelor of Interdisciplinary Studies (B.I.S.) Degree

The Bachelor of Interdisciplinary Studies (B.I.S.) degree is designed to enhance interdisciplinary studies and allows for greater curricular flexibility for students who desire to pursue coursework in more than one area of interest. At the same time, it affords students the opportunity to make choices that are geared toward their particular goals and plans for employment or further study. This degree in itself leads to no specific licensure or certification. Students seeking licensure or certification in their chosen field should consult with an academic advisor in that area. The transcript and diploma for this degree reads “Bachelor of Interdisciplinary Studies” with no major, minor, or emphasis designation.

Refer to the Division of General Studies elsewhere in this catalog.

The Bachelor of Science (B.S.) Degree

Refer to the appropriate program section of the catalog for information on the majors:

B.S. Majors

Agriculture
Biology
Chemistry
Computer Information Systems
Criminal Justice
Education Studies
Exercise Science
Health and Physical Education
Land Surveying
Mathematics
Natural Resources Management
Natural Science
Psychology
Teaching and Learning

The Bachelor of Music Education (B.M.E.) Degree

Refer to the School of Arts and Humanities section elsewhere in this catalog.

The Bachelor of Science in Nursing (B.S.N.) Degree

Refer to the School of Nursing section elsewhere in this catalog.

The Bachelor of Social Work (B.S.W.) Degree

Refer to the School of Social and Behavioral Sciences section elsewhere in this catalog.

Other Degrees and Certificates

For information on the requirements for graduate degrees refer to the Graduate Programs section found elsewhere in this catalog.

For information on certificate requirements refer to the Colleges of Technology section found elsewhere in this catalog.

Minors and Collaterals

Minor programs approved by the University are eligible under the Bachelor of Science and Bachelor of Arts degree programs. When approved by the major advisor and the Vice Chancellor for Academic Affairs, an individualized, interdisciplinary and/or collateral area of study of not less than 18 hours may be offered in lieu of a minor. Both minors and collaterals must include at least 9 hours of 3000-4000 level coursework.

An interdisciplinary international studies collateral can be designed in consultation with the student's advisor and the academic dean for the major field. Courses such as the following might be included: International Business; General Geography; Conversational Spanish; French Civilization and Culture; history courses in Britain, Europe, the Middle East and North Africa, Africa, East Asia, Russia, or Latin America; the English Seminar in Recent International Fiction; or the political science courses in International Relations, Middle East Politics, European Politics, Global Studies or Comparative Politics. Survey of World Literature I and II, Civilization I and II, Elementary French, and Elementary Spanish courses cannot be counted toward the requirements for a collateral. In every case, the courses planned for a collateral must show a good distribution among areas of study.

Requirements for Admission to Teacher Education

In compliance with State of Arkansas law, the University requires that each student pursuing a degree in a program leading to licensure as a teacher meet certain requirements for admission to the teacher education program. One of the requirements for admission to the teacher education program is the achievement of passing scores on all parts of the Praxis Core (reading, writing, and mathematics). Among the requirements for admission to the internship year, students must earn passing scores on the appropriate Praxis II specialty area examination in their teaching area. Prior to graduation students are required to have passing scores on the Praxis II, Principles of Learning and Teaching (PLT), test. Specific admission requirements are available from the School of Education office located in Willard Hall on the Monticello campus.

Degree Requirements for Professional School Candidates (Veterinary, Medical, Dental, Law, Pharmacy, etc.)

Students who enter accredited professional programs before actually completing all degree requirements may be granted the baccalaureate degree under the following circumstances: students must have completed 93 hours of undergraduate course work including the state core curriculum of general education requirements, at least 12 hours at the 3000-4000 level, and at least 30 hours completed in residence at the University of Arkansas at Monticello. After completion of the course work at the accredited professional school deemed appropriate to satisfy all graduation requirements including those of a specific major, the student may then be awarded the degree upon request. Degrees will be awarded only for programs of study that are offered by the University at that time.

Graduation with Honors

The University recognizes graduates of baccalaureate degree programs who have excelled in their studies. At the baccalaureate degree level, students must have a cumulative grade point average of at least 3.50 to graduate cum laude. To graduate magna cum laude students must have a cumulative grade point average of at least 3.70. The highest recognition is summa cum laude which requires a cumulative grade point average of at least 3.90.

To graduate with honors, baccalaureate students must have at least 60 hours in residence at UAM. Only 1000-level courses and above are used to compute the hours in residence and the grade point average.

Commencement

Degrees and technical certificates are conferred in May, August, and December. Technical certificates are also conferred in June. The official graduation date is 3 business days following the last examination of the semester or term.

Degree-seeking students must submit an online "Application for Graduation" with the Registrar the semester before they expect to graduate. Students who plan to graduate in May must apply for graduation at least 10 weeks prior to the end of the fall semester. Students who plan to graduate in August or December must apply for graduation at least 10 weeks prior to the end of the spring semester. When degree-seeking students apply for graduation, they must meet with their advisor to complete and sign the Graduation Advisement Report that is then submitted to the Office of the Registrar.

Students seeking a technical certificate should contact their College of Technology Office of Student Services during the first 3 weeks of their final semester of study to complete and sign the Graduation Advisement Report (which is then submitted to the Office of the Registrar) and to complete the online "Application for Graduation."

A commencement ceremony for awarding degrees is conducted on the Monticello campus in May and December. A commencement ceremony for awarding technical certificates is conducted separately by both of the College of Technology campuses.

Students must complete all degree requirements, including required exit examinations and/or all tests, for the baccalaureate or associate degree or technical certificate in order to participate in the commencement. Requests for exceptions must be initiated with the Dean of the academic unit under which the degree is housed and forwarded to the Vice Chancellor of Academic Affairs for approval. Students may only participate in one commencement ceremony for each degree or technical certificate earned. (See "Advisement Report Requirements" elsewhere in this section.)

Arkansas Core Curriculum

The Arkansas Board of Higher Education, by legislative direction, establishes at each public college and university a 35-hour general education core is fully contained within the Associate of Arts degree, the Associate of Science in Land Surveying degree, and all baccalaureate degrees. This 35-credit block is fully transferable among Arkansas public institutions and will satisfy corresponding degree requirements at each institution.

The University maintains a current list of the 35-credit core from other Arkansas public institutions.

The University's 35-hour general education core is listed below. It is fully contained within the General Education program required for all baccalaureate degrees, within the general education program for the Associate of Arts degree, and within the requirements for the Associate of Science in Land Surveying Technology degree.

State Core Curriculum: 35 Credit Hours

Composition: 6 Credit Hours

ENGL	1013	Composition I and
ENGL	1023	Composition II
		Or
ENGL	1033	Honors Composition I and
ENGL	1043	Honors Composition II

Communication: 3 Credit Hours

Choose one of the following:

COMM	1023	Public Speaking
COMM	2283	Business & Professional Speech
COMM	2203	Interpersonal Communication
NRM	2063	Natural Resources Communication

Fine Arts: 3 Credit Hours

Choose one of the following:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Humanities: 3 Credit Hours

Any literature course
Any philosophy course
Any foreign language course

Mathematics: 3 Credit Hours

Or any MATH 1000-level or above

Social Sciences: 9 Credit Hours

Choose one of the following (3 hours):

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

Choose two courses from two different disciplines from the following (6 hours):

ANTH	2203	Cultural Anthropology
ANTH	2213	North American Indians
ANTH	2223	World Prehistory
ANTH	2233	Arkansas Regional Archeology
ANTH	2243	Sex, Gender, and Culture
ANTH	2253	Intro to Archeology
CJ	1013	Introduction to Criminal Justice

CJ	2293	Law and Society (same as PSCI 2293)
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
GEOG	2213	General Geography I
GEOG	2223	General Geography II
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
PSCI	2223	State Government Arkansas
PSCI	2233	Comparative Politics
PSCI	2293	Law and Society (same as CJ 2293)
PSCI	2353	World Politics
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology
SOC	2223	Social Problems
SWK	2123	Introduction to Social Work

Science with labs: 8 Credit Hours

Choose eight hours from two 3-hour lecture courses with associated 1-hour labs or two 4-hour courses with integrated labs chosen from the following areas:

Biological Science
Earth Science
Chemistry
Physics

Total Hours 35



School of Arts & Humanities

Location: Memorial Classroom Building, Monticello
Telephone: (870) 460-1078 / Fax: (870) 460-1961
Mailing Address: P.O. Box 3460, Monticello, AR 71656
Website: http://www.uamont.edu/pages/department/school-arts-humanities/

Faculty/Mission

Professors G. Meggs, Moore, Pack, Richard, Skinner, Stewart, Spencer (Dean), and Walter; Associate Professors Bloom, Borse, and Jean-Francois, Assistant Professors Anders, Bearden, Hylton, Key, Nugent, and Olsen; Instructors Brown, Englert, Evans, Hartness, Nelson, and Smith.

The mission of the School of Arts and Humanities is to cultivate students' appreciation of and pleasure in literature, languages, philosophy, art, and music, as well as to give them the personal and professional skills to pursue stimulating careers for creative individuals with excellent writing, speaking, and critical thinking abilities. Many Arts and Humanities courses serve the entire campus as General Education requirements or as requirements for disciplines outside the School of Arts and Humanities.

The School offers six Bachelors of Arts degrees in the following disciplines: Art, Communication, English, Liberal Arts, Modern Languages, and Music. Art major course work includes painting, drawing, art history, and graphic design. The Communication major offers four areas of emphasis: applied communication, media, professional writing, and speech. The English major offers concentrations in creative writing, literature, and composition and rhetoric. The Liberal Arts major is a flexible, multidisciplinary degree. The Modern Languages major gives students several options including the in-depth study of French and Spanish and introductory courses in Latin, Japanese, and German. The Bachelor of Arts in Music has voice, piano, instrumental, and jazz concentrations.

A Bachelor of Music Education degree prepares future music teachers. Minors are available in Art, English, French, Music, Philosophy, Spanish, and Communication.

The School also offers a Master of Fine Arts in Creative Writing and a Master of Music in Jazz Studies.

Major and Minor Requirements

NOTES:

1. All baccalaureate degrees require at least 120 hours of college credit courses at the 1000-level or above. These courses must include the General Education requirements found elsewhere in this catalog and at least 40 hours of 3000-4000 level courses. Students planning to teach should review the certification requirements provided by the School of Education.

2. A grade of "C" or better must be earned in ENGL 1013 before a student may enroll in the next higher composition course.

Art Major

Student Learning Outcomes

Students who graduate with a Bachelor of Arts degree in Art should be able to:

1. Understand and be proficient with different art media.
2. Use effective research skills in the discipline of art.
3. Have a basic knowledge of the history, practice, and use of art in history.
4. Recognize and demonstrate knowledge of major periods, artists, and artworks of importance.
5. Produce artworks from a variety of conceptual, theoretical, or inspirational points of view.
6. Plan, promote, and hold an exhibition of their work.
7. Present a concise portfolio of their work that would allow them to apply for further study or secure employment in the arts.

Major Requirements: 43 hours

Required Courses: 19 hours

ART	1013	Drawing I
ART	1023	Design and Color
ART	1043	Computer Applications In Art
ART	3403	Art History I Survey: Prehistoric to Renaissance
ART	3413	Art History II Survey: Renaissance to present
ART	4694	Senior Thesis

Electives: 24 hours

(At least 12 hours must be at the 3-4000 level) Choose from any ART courses.

Choose from the following courses:

ART	1063	3-D Design
ART	1033	Digital Photography
ART	2203	Water Color
ART	2293	Printmaking
ART	3303	Elementary Art Methods
ART	3313	Advanced Drawing
ART	3333	Painting III
ART	3343	Advanced Printmaking
ART	3423	Advanced Watercolor
ART	3713	Ceramics III
ART	4723	Ceramics IV
ART	4733	Special Topics in Art History
ART	4743	Painting IV
ART	4753	Ceramics V
ART	4763	Ceramics VI
ART	468V	Art Practicum
ART	4903	Seminar in Teaching Art

Art Minor

Minor Requirements: 18 hours

Required courses: 3 hours

One of the following courses:

ART	3403	Art History I Survey: Prehistoric to Renaissance
ART	3413	Art History II Survey: Renaissance to Present

Electives: 15 hours

Choose from the following courses:

ART	1013	Drawing I
ART	1023	Design and Color
ART	1053	Art Appreciation
ART	1063	3-D Design
ART	2203	Watercolor
ART	2223	Ceramics I
ART	2243	Painting I
ART	2263	Ceramics II
ART	2273	Metals
ART	2283	Drawing II
ART	2293	Printmaking
ART	3313	Advanced Drawing
ART	3323	Painting II
ART	3333	Painting III
ART	3343	Advanced Printmaking
ART	3423	Advanced Watercolor
ART	3713	Ceramics III
ART	4723	Ceramics IV
ART	4733	Special Topics in Art History
ART	4743	Painting IV
ART	468V	Art Practicum
ART	479V	Independent Study in Art

NOTE: At least SIX hours of art electives must be at the 3000-4000 level.

Art Minor with a Concentration in Painting

Minor Requirements: 18 hours

Required Courses: 15 hours

ART	1013	Drawing I
ART	3323	Painting II

One of the following courses:

ART	2243	Painting I
ART	2203	Watercolor

One of the following courses:

ART 3333 Painting III
ART 3423 Advanced Watercolor

One of the following courses:

ART 3403 Art History I Survey: Prehistoric to Renaissance
ART 3413 Art History II Survey: Renaissance to Present

Three hours of electives from any ART course not in the required core.

Art History Emphasis

Major Requirements: 36 hours

Required Courses: 24 hours

One of the following courses:

ART 1023 Design and Color
ART 1063 3-D Design

Four of the following courses:

ART 2203 Water Color
ART 2224 Ceramics I
ART 2243 Painting I
ART 2263 Ceramics II
ART 2283 Drawing II
ART 2293 Printmaking

Required Courses:

ART 2403 Art History I Survey: Prehistoric to Renaissance
ART 3413 Art History II Survey: Renaissance to present
ART 4693 Senior Thesis

Electives: 12 hours

Choose from the following courses:

ART 4733 Special Topics in Art History
(Can be repeated for up to 12 hours of credit)
ART 468V Art Practicum
ART 479V Independent Study in Art

Supportive Requirement: ART 1013 Drawing I

Art Minor (Art History Emphasis)

Minor Requirements: 18 hours

Required courses: 6 hours

ART 1013 Drawing I
ART 1023 Design and Color

One of the following courses (Art History required course):

ART 3403 Art History I Survey: Prehistoric to Renaissance
ART 3413 Art History II Survey: Renaissance to Present

Nine hours from the following courses:

ART 3403 Art History I Survey: Prehistoric to Renaissance*
or
ART 3413 Art History II Survey: Renaissance to Present*

* whichever one not used for the Art History Required course

ART 4733 Special Topics in Art History*

*(Can be repeated for up to 12 hours of credit)

ART 468V Art Practicum
ART 479V Independent Study in Art

Communication Major

Student Learning Outcomes

Students who graduate with the Bachelor of Arts in Communication should:

1. Send and receive both verbal and nonverbal messages that meet critical standards.

2. Demonstrate facility in using major theorists in message analysis.

3. Identify and resolve conflict issues in message construction and reception.

4. Demonstrate significant skill in adapting messages to any type of communication – i.e. intrapersonal through mediated.

5. Create formal messages using credible research methods and solid reasoning to draw conclusions.

Major Requirements: 48 hours

Required Core: 27 hours

COMM 2203 Interpersonal Communication
COMM 2223 Modern Media Literacy
COMM 2273 Argumentation and Debate
COMM 2293 Introduction to Communication Studies

COMM 2023 Introduction to Electronic Communication
COMM 3033 Communication Writing
ENGL 3363 Classical Rhetoric
COMM 4653 Theories of Human Communication
COMM 4043 Modern Rhetoric

Select an Emphasis:
Applied Emphasis Requirements: 21 hours
COMM 3483 Communication in Small Groups
COMM 3533 Communication in Organizations
COMM 4063 Conflict Management and Resolution
COMM 4623 Seminar in Law and Ethics
COMM 3023 Introduction to Public Relations
COMM 3413 Intercultural Communication
COMM 3453 Persuasion
Supportive Requirement: 3 hours
COMM 2283 Business and Professional Speech

Media Emphasis Requirements: 21 hours
Required Courses: 9 hours
COMM 3013 News Writing
COMM 3053 Contemporary Media Issues
COMM 3073 Digital Media Production
COMM 3063 New Media Theory and Practices
COMM 4013 Critical Media Theory
COMM 4623 Seminar in Law & Ethics
COMM 4633 Senior Capstone in Speech
Supportive Requirements: 3 hours
COMM 2283 Business and Professional Speech

Professional Writing Emphasis Requirements: 21 hours
COMM 4053 Visual Rhetoric
COMM 4243 Seminar in Communication
COMM 4703 ePortfolio Seminar
ENGL 4013 Writing Across Contexts
COMM 4033 Editing
ENGL 4753 Advanced Grammar
One of the following courses:
COMM 2211 Journalism Lab (must be taken three times for a total of three hours)
ENGL 3333 Weevil Pond
ENGL 3323 Writing Center Internship
Supportive Requirements: 6 hours
ENGL 3253 Technical Writing and Communication
ENGL 4683 Seminar in Writing: Special Topics

Speech Emphasis Requirements: 21 hours
COMM 3483 Communication in Small Groups
COMM 3533 Communication in Organizations
COMM 3453 Persuasion
COMM 4243 Seminar in Communication
COMM 4633 Senior Capstone in Speech
6 additional hours of COMM courses
Supportive Requirements: 3 hours
COMM 1023 Public Speaking

Communication Minor with Applied Emphasis

Minor Requirements: 21 hours

COMM 3483 Communication in Small Groups
COMM 3533 Communication in Organizations
COMM 4063 Conflict Management and Resolution
COMM 4623 Seminar in Law and Ethics
COMM 3023 Introduction to Public Relations
COMM 3413 Intercultural Communication
COMM 3453 Persuasion
Supportive Requirements: 3 hours
COMM 2283 Business and Professional Speech

Communication Minor with Speech Emphasis

Minor Requirements: 18 hours

Required Courses: 9 hours
One of the following courses:
COMM 3483 Communication in Small Groups
COMM 3533 Communication in Organizations
COMM 3453 Persuasion
COMM 4043 Modern Rhetoric
Electives: 9 hours
NOTE: A maximum of six credits may be earned in COMM 340V (only three hours may be used toward a Communication major or minor.)

Communication Minor with Media Emphasis

Minor Requirements: 18 hours

Required Courses: 12 hours
COMM 2013 Modern Media Literacy
COMM 3053 Contemporary Media Issues

COMM 3013 News Writing
COMM 4013 Critical Media Theory
Electives: 6 hours in additional COMM courses
Or 6 hours of ENGL courses from the following:
ENGL 4013 Writing Across Contexts
ENGL 4743 Film and Literature
ENGL 4763 Advanced Composition

NOTE: A maximum of six credits may be earned in COMM 340V (only three hours may be used toward a Communication major or minor.)

Communication Minor with Performance Emphasis

Minor Requirements: 18 hours

Core Requirements: 12 hours
COMM 3513 Introduction to Oral Interpretation
COMM 3523 Acting
COMM 4643 Directing
COMM 4663 Performance Studies
Electives: 6 hours

NOTE: A maximum of six credits may be earned in COMM 340V (only three hours may be used toward a Communication major or minor.)

Communication Minor with Professional Writing Emphasis

Minor Requirements: 18 hours

ENGL 3363 Classical Rhetoric
COMM 4053 Visual Rhetoric
COMM 4243 Seminar in Communication
ENGL 4013 Writing Across Contexts
One of the following courses:
COMM 4033 Editing
ENGL 4753 Advanced Grammar
One of the following courses:
COMM 2211 Journalism Lab (must be taken three times for a total of three hours)
ENGL 3333 Weevil Pond
ENGL 3323 Writing Center Internship

English Major

Student Learning Outcomes

Students who earn the Bachelor of Arts in English should:

1. Demonstrate the ability to write fluently, concisely, and clearly.
2. Demonstrate the ability to read literary texts analytically and critically.
3. Demonstrate good research skills.
4. Demonstrate an understanding of literary history, including literary movements and the evolutions of the genres.
5. Demonstrate knowledge of the history and structure of the English language.

English Major with a Concentration in Creative Writing

Major Requirements: 54 hours

Required Core Courses: 42 hours
ENGL 2323 Introduction to Literary Studies
ENGL 2223 Intro to Creative Writing
ENGL 3333 Weevil Pond
or
ENGL 3453 Writing Center Internship
ENGL 3403 American Literature I
ENGL 3413 American Literature II
ENGL 3423 British Literature I
ENGL 3433 British Literature II
ENGL 3543 Creative Writing (6 hours - to be repeated with different topic)
ENGL 4683 Seminar in Writing
ENGL 4703 Contemporary Writers
or
ENGL 4733 Minority Writers
ENGL 4753 Advanced Grammar
or
ENGL 4593 Introduction to Language Study
ENGL 4763 Advanced Composition
ENGL 4913 Senior Project in Creative Writing
Plus 12 hours of electives in English
Plus Supportive Requirements: 12 hours of one language other than English or 6 hours each in two languages other than English.

English Minor with a Concentration in Creative Writing

Minor Requirements: 21 hours

Required Courses: 18 hours

ENGL 2223 Introduction to Creative Writing
ENGL 2323 Introduction to Literary Studies
ENGL 3333 Weevil Pond
ENGL 3543 Creative Writing (6 hours - to be repeated with different topic)
ENGL 4703 Contemporary Writers

3 elective hours in ENGL or COMM

English Major with a Concentration in Composition and Rhetoric

Major Requirements: 54 hours

Required Core Courses: 42 hours

ENGL 2323 Introduction to Literary Studies
ENGL 2223 Introduction to Creative Writing
ENGL 3253 Technical Writing
ENGL 3363 Classical Rhetoric
ENGL 3333 Weevil Pond
or
ENGL 3453 Writing Center Internship
ENGL 3403 American Literature I
ENGL 3413 American Literature II
ENGL 3423 British Literature I
ENGL 3433 British Literature II
COMM 4053 Visual Rhetoric
ENGL 4683 Seminar in Writing
COMM 4703 ePortfolio Seminar
ENGL 4753 Advanced Grammar
ENGL 4763 Advanced Comp

Electives: 12 hours in English or Communication

Supportive Requirements: 12 hours of one language other than English or 6 hours each in two languages other than English.

English Major with a Concentration in Literature

Major Requirements: 54 hours

Required Core Courses: 42

ENGL 2323 Introduction to Literary Studies
ENGL 2223 Intro to Creative Writing
ENGL 3353 History and Development of Film
or
ENGL 4743 Film & Literature
ENGL 3543 Creative Writing or
ENGL 3253 Technical Writing and Communication
ENGL 3403 American Literature I
ENGL 3413 American Literature II
ENGL 3423 British Literature I
ENGL 3433 British Literature II
ENGL 4623 Shakespeare
ENGL 4613 The British Novel or
ENGL 4633 The American Novel
ENGL 4703 Contemporary Writers
ENGL 4733 Minority Writers
ENGL 4753 Advanced Grammar
or
ENGL 4593 Introduction to Language Study
ENGL 4763 Advanced Composition

Plus 12 hours of electives in English

Plus Supportive Requirements: 12 hours of one language other than English or 6 hours each in two languages other than English.

English Minor with a Concentration in Literature

Minor Requirements: 21 hours

Required Courses: 21 hours

ENGL 2323 Introduction to Literary Studies
ENGL 3403 American Literature I
ENGL 3413 American Literature II
ENGL 3423 British Literature I
ENGL 3433 British Literature II
ENGL 4593 Introduction to Language Study
ENGL 4623 Shakespeare

Bachelor of Arts in Liberal Arts

Any student admitted to UAM with a minimum composite ACT score of 19 (or the equivalent on another standardized national test) and is in good academic standing with the university can elect the Bachelor of Arts in Liberal Arts as his or her major. Students with an ACT of 16-18 can appeal for admission to the program via the UAM Guided Pathways Appeal Process.

The BALA degree requires 120 hours of college credit at the 1000-level or above. At least 40 hours must be at the 3000-4000 level. Specific degree requirements are:

1. Completion of the University's 35-hour general-education curriculum.
2. Completion of the 24-hour Liberal Arts Core required courses.
3. Completion of two 18-hour emphasis areas. Courses completed in any emphasis area may not be used to fulfill other degree requirements.
4. Completion of 25 elective hours to reach the minimum 120 hours required for the degree. Any pre-requisites or co-requisites for Core or emphasis-area requirements may be used to fulfill the electives category. The student should consider required prerequisites when making elective course selections.
5. Achievement of a minimum 2.0 grade point average in the BALA academic core, each emphasis area and overall.
6. Fulfillment of the University's residency requirement.
7. Any student who declares a major in the Bachelor of Arts in Liberal Arts and then later opts for a different baccalaureate degree will be required to fulfill all major and minor requirements for that degree. Completion of one or more emphasis areas for the Bachelor of Arts in Liberal Arts degree does not necessarily satisfy completion of a major or minor in that emphasis area.

Student Learning Outcomes

Students who complete the Bachelor of Arts in Liberal Arts will demonstrate:

1. Excellent written and oral communication skills.
2. Excellent critical and creative thinking.
3. In-depth knowledge of and sensitivity to global and diversity issues.

Requirements for the Bachelor of Liberal Arts degree:

Liberal Arts Core: 24 hours

Gateways: Select 6 hour from the following:

COMM	3033	Communication Writing
ENGL	2323	Introduction to Literacy Studies
ENGL	2223	Introduction to Creative Writing
COMM	2293	Introduction to Communication Studies
ART	1023	Design and Color
PHIL	2223	Introduction to Philosophy

Surveys: Select 6 hours from the following:

ART	3403	Art History I
ART	3413	Art History II
ENGL	3403	American Literature I
ENGL	3413	American Literature II
ENGL	3423	British Literature I
ENGL	3433	British Literature II
COMM	2223	Modern Literacy

Capstones: Select 6 hours from the following:

ART	4693	Senior Thesis
COMM	4633	Theories of Human Communication
COMM	4633	Senior Capstone in Speech
ENGL	4703	ePortfolio Seminar
ENGL	4763	Advanced Composition
ENGL	4913	Senior Project in Creative Writing
MODL	443V	Seminar in foreign Language Studies
PHIL	4633	Special Topics in Philosophy

Foreign Language: 6 hours

Emphasis Areas- 36 or more hours

The student in consultation with his/her academic advisor selects a minimum of 18 hours from two different subject areas in the School of Arts and Humanities. The subject areas are Arts. Communication, English, Foreign Language, and Philosophy. Courses taken to fulfill the ore requirements cannot be used in emphasis areas. Each emphasis area must include at least 9 hours at the 3000-4000 level.

Electives- 25 or fewer hours

NOTE: The electives must include sufficient 3000-4000 level courses to meet the required 40 upper-level hours needed for this degree.

General Education Requirements- 35 hours

Total hours-120 (1000 level or above)

Modern Languages Major

Student Learning Outcomes

Students who graduate with a Bachelor of Arts in Modern Languages should:

1. Understand the spoken languages, particularly where context strongly supports understanding and speech is clearly audible.

2. Respond to spoken questions and statements.

3. Understand the written languages as used in practical daily life involving learned vocabulary.

4. Write the languages as used in practical daily life involving learned vocabulary.

5. Demonstrate knowledge of important aspects of contemporary cultures.

OPTION I

24 hours of Spanish:

Required courses: 9 hours

SPAN	2203	Intermediate I
SPAN	2213	Intermediate II
SPAN	3503	Conversational Spanish I

Electives: 15 hours

MODL	3403	Conversational Language I—Study Abroad
MODL	3413	Conversational Language II—Study Abroad
MODL	3423	Syntax of the Language—Study Abroad
SPAN	3513	Conversational Spanish II
SPAN	3603	Advanced Modern Spanish Grammar and Composition
SPAN	3613	Cultures and Civilizations of Spain and Spanish America
SPAN	3623	Survey of Major Hispanic Literatures
SPAN	4633	Seminar in Spanish Studies
SPAN	479V	Independent Study in Spanish

24 hours of French:

Required courses: 6 hours

FREN	2203	Intermediate I
FREN	2213	Intermediate II

Electives: 18 hours

FREN	3223	Intermediate Reading
FREN	3403	Intermediate Conversation
FREN	3413	French and Francophone Civilization and Culture
FREN	3423	Intermediate Grammar and Composition
FREN	3433	Survey of French Literature I
FREN	3443	Survey of French Literature II
FREN	4613	Advanced Composition
FREN	4653	Seminar in French Literature
FREN	479V	Independent Study in French

Supportive Requirement:

6 hours of Latin or 3 hours of Latin and 3 hours of another language excluding Spanish and French

OPTION II

36 hours of Spanish:

Required courses: 12 hours

SPAN	2203	Intermediate I
SPAN	2213	Intermediate II
SPAN	3503	Conversational Spanish I
SPAN	399V	Introduction to Interpretation and Translation (3 credits)

Electives: 24 hours

MODL	3403	Conversational Language I—Study Abroad
MODL	3413	Conversational Language II—Study Abroad
MODL	3423	Syntax of the Language—Study Abroad
SPAN	3513	Conversational Spanish II
SPAN	3603	Advanced Modern Spanish Grammar and Composition
SPAN	3613	Cultures and Civilizations of Spain and Spanish America
SPAN	3623	Survey of Major Hispanic Literatures
SPAN	4633	Seminar in Spanish Studies
SPAN	479V	Independent Study in Spanish

12 hours of French:

Required courses: 6 hours

FREN	2203	Intermediate I
FREN	2213	Intermediate II

Electives: 6 hours

FREN	3223	Intermediate Reading
FREN	3403	Intermediate Conversation
FREN	3413	French and Francophone Civilization and Culture
FREN	3423	Intermediate Grammar and Composition
FREN	3433	Survey of French Literature I
FREN	3443	Survey of French Literature II

FREN 4613 Advanced Composition
FREN 4653 Seminar in French Literature
FREN 479V Independent Study in French
Supportive Requirement: 6 hours of Latin or 3 hours of Latin and 3 hours of another language excluding Spanish and French

OPTION III

12 hours of Spanish:

Required courses: 9 hours
SPAN 2203 Intermediate I
SPAN 2213 Intermediate II
SPAN 3503 Conversational Spanish I
Electives: 3 hours
MODL 3403 Conversational Language I—Study Abroad
MODL 3413 Conversational Language II—Study Abroad
MODL 3423 Syntax of the Language—Study Abroad
SPAN 3513 Conversational Spanish II
SPAN 3603 Advanced Modern Spanish Grammar and Composition
SPAN 3613 Cultures and Civilizations of Spain and Spanish America
SPAN 3623 Survey of Major Hispanic Literatures
SPAN 4633 Seminar in Spanish Studies
SPAN 479V Independent Study in Spanish

36 hours of French:

Required courses: 9 hours
FREN 2203 Intermediate I
FREN 2213 Intermediate II
FREN 399V Introduction to Interpretation and Translation (3 credits)
Electives: 27 hours
FREN 3223 Intermediate Reading
FREN 3403 Intermediate Conversation
FREN 3413 French and Francophone Civilization and Culture
FREN 3423 Intermediate Grammar and Composition
FREN 3433 Survey of French Literature I
FREN 3443 Survey of French Literature II
FREN 4613 Advanced Composition
FREN 4653 Seminar in French Literature
FREN 479V Independent Study in French
Supportive Requirement: 6 hours of Latin or 3 hours of Latin and 3 hours of another language excluding Spanish and French

NOTE: At least 40 hours must be earned in courses number at the 3000-4000 level for all baccalaureate degrees.

French Minor

Student Learning Outcomes

Students completing a minor in French should:

1. Understand the spoken language, particularly where context strongly supports understanding and speech is clearly audible.
2. Respond to spoken questions and statements.
3. Understand the written language as used in practical daily life involving learned vocabulary.
4. Write the language as used in practical daily life involving learned vocabulary.
5. Demonstrate knowledge of important aspects of contemporary culture.

French Minor Requirements: 18 hours

FREN 1013 Elementary French II
FREN 2203 Intermediate French I
FREN 2213 Intermediate French II
9 hours of French electives at the 3000-4000 level

Spanish Minor

Student Learning Outcomes

Students completing a minor in Spanish should:

1. Understand the spoken language, particularly where context strongly supports understanding and speech is clearly audible.
2. Respond to spoken questions and statements.
3. Understand the written language as used in practical daily life involving learned vocabulary.
4. Write the language as used in practical daily life involving learned vocabulary.
5. Demonstrate knowledge of important aspects of contemporary culture.

Spanish Minor Requirements: 18 hours

SPAN	1013	Elementary Spanish II
SPAN	2203	Intermediate Spanish I
SPAN	2213	Intermediate Spanish II
SPAN	3503	Conversational Spanish I

6 hours of Spanish electives at the 3000-4000 level

Spanish Study Abroad Program

3 - 6 Credit Hours

Prerequisite: SPAN 1003 or consent of the Director of Study Abroad Program.

Students may earn up to six semester credit hours (two courses) per summer session in a Spanish-speaking country. Students will register and pay fees at UAM for one or two courses selected from the Spanish courses listed in the catalog. The program requires daily attendance and participation from Monday through Friday, a minimum of three cultural field trips as designated by UAM's director of the program and the institution of higher learning abroad, daily journal entries written in Spanish, a midterm examination, and a final examination graded by the Director of Study Abroad Program from the University of Arkansas at Monticello. The evaluation of the student's grade is decided by the professors teaching the students and the UAM Director of Study Abroad. Grades are based on daily participation and performance, oral proficiency, journals, and two examinations. Students live with a family of the host country and are required to speak Spanish at all times.

Objectives of the Study Abroad Program:

Develop oral proficiency in Spanish through a total immersion program.

Develop an awareness and understanding of the culture of the host country through family life, field trips, cultural activities, and daily life in the host country.

Philosophy Minor

Student Learning Outcomes

Students completing a minor in Philosophy should:

1. Demonstrate understanding of the principles of ethics and logic.

2. Demonstrate knowledge of the ideas and theories of major philosophers throughout history.

3. Demonstrate understanding of the influence of philosophical tenants on the politics, laws, and economies of societies.

Required courses: 9 hours

PHIL	2223	Introduction to Philosophy
PHIL	3523	Logic
PHIL	3623	Ethics

Electives:

Two of the following courses:

CIS	2203	Programming Logic and Design
CIS	4263	Ethics in Information Technology
CJ	2133	Criminal Justice Ethics
CJ	2293	PSCI 2293 Law and Society
COMM	4653	Theories of Human Communication
ENGL	3583	Critical Theory and Approaches to Literature
PSCI	3573	Contemporary Political Ideologies
PSCI	4673	Global Studies
PSCI	4683	Western Political Theory

One of the following courses:

PHIL	3433	Readings in Philosophy
PHIL	4603	History of Philosophy
PHIL	4633	Special Topics in Philosophy
PHIL	479V	Independent Study



Division of Music

Location: Music Building, Monticello
Telephone: (870) 460-1060
Fax: (870) 460-1260
Mailing Address: P.O. Box 3607, Monticello, AR 71656

The mission of the Divisio of Music of the School of Arts and Humanities is to offer quality educational opportunities in music that provide students with the technical skills and the theoretical and historical knowledge necessary for competence in their chosen areas of concentration, and

1. To prepare students at the baccalaureate level for successful careers in teaching and other musical occupations;
2. To prepare students in music for successful graduate study;
3. To provide students opportunities for cultural and aesthetic experiences through active participation in music;
4. To offer general education course work in music for all students of the University;
5. To provide cultural and aesthetic experiences for the University, the community, and southeast Arkansas through the presentation of recitals, concerts, musical theatre productions, master classes, workshops, and seminars.

Student Learning Outcomes

A student who graduates from the Division of Music should be able to:

1. Practice the proper technical skills to perform effectively on one or more musical instruments.
2. Use knowledge of musical history to place in chronological order and explore the forms, genres, performance, notation and biographical information of composers from the ancient to the twentieth century and be able to recognize those characteristics by sight and sound.
3. Clearly and efficiently communicate basic musical ideas through physical gestures, i.e. posture, use of baton and open hand, basic patterns, left-hand independence, and control of tempos and volume.
4. Successfully organize and operate a school instrumental or choral music program (not a requirement for students graduating with the B.A. in Music degree).
5. Demonstrate knowledge of musical theory and apply that knowledge in the performance and creation of musical compositions.

Degrees Offered

The Division of Music offers academic programs which lead to the Bachelor of Arts in Music degree, a liberal arts degree, with concentrations in voice, piano, jazz, and instrumental, and the Bachelor of Music Education degree with concentrations in voice, piano, and instrumental.

Accreditation

The University of Arkansas at Monticello is an accredited institutional member of the National Association of Schools of Music.

Ensemble Requirements

All music majors are required to participate in a major ensemble (Concert Choir, Marching Band or Concert Band) within their concentration area each semester in residence. Students with a piano concentration may participate in any major music ensemble.

Piano Proficiency Examination

All candidates for the Bachelor of Arts in Music or the Bachelor of Music Education degree must pass a piano proficiency examination. The Music Student Handbook outlines in detail the specific piano proficiency requirements.

Applied Music Courses

All music majors must be enrolled in applied music each semester until completion of the Recital/Project.

Fees for private instruction are currently $50 for one credit hour and $70 for two credit hours.

Jury Examinations

All students enrolled in applied lessons are evaluated at the end of each semester before a jury composed of music faculty. An unexcused absence from the jury may result in a failing grade in the applied lesson. Seniors who have given a satisfactory Recital/Project are exempt from the jury examination during that semester.

Major Requirements

All baccalaureate degrees require at least 124 hours of college credit courses at the 1000-level or above. These courses must include the General Education requirements found elsewhere in this catalog and at least 40 hours of 3000-4000 level courses.

Bachelor of Arts in Music
Concentrations in Instrumental, Jazz, Piano, and Voice

Students pursuing the B.A. in music degree must also satisfy all requirements for a Bachelor of Arts degree found elsewhere in this catalog.

Major Requirements: 50 hours

MUS	1040	Recitals, Concerts, Productions*
MUS	1072	Music Technology
MUS	1023	Theory I
MUS	1033	Theory II
MUS	2213	Theory III
MUS	2223	Theory IV
MUS	1061	Ear Training/Sight Singing I
MUS	1091	Ear Training/Sight Singing II
MUS	2231	Ear Training/Sight Singing III
MUS	2241	Ear Training/Sight Singing IV
MUS	3563	Music History I
MUS	3573	Music History II
MUS	3413	Analysis and Music Literature

Major Area Applied Lessons (PMUS): 14 hours

PMUS 4011 Recital/Project 1 hour

Major Area Ensemble 8 hours

*MUS 1040 must be taken each semester in residence for a total of 8 semesters. In addition to the core requirements students must complete the requirements for a concentration.

Instrumental Concentration Requirements: 18 hours

MUS 4712 Instrumental Conducting

3000-4000 level Music Electives: 16 hours

Jazz Studies Concentration Requirements: 18 hours

MUS	2161	Jazz Improvisation I
MUS	2171	Jazz Combo I (To be taken twice)
MUS	3311	Jazz Improvisation II
MUS	3353	History of Jazz
MUS	3363	Jazz Theory and Arranging
MUS	3181	Jazz Combo II (To be taken twice)
MUS	3591	Jazz Ensemble (To be taken six times)

Piano Concentration Requirements: 18 hours

MUS 1051 Piano Repertoire

MUS 4632 Piano Pedagogy

One of the following courses:

MUS 4712 Instrumental Conducting

MUS 4722 Choral Conducting

3000-4000 level Music Electives: 13 hours

Voice Concentration Requirements: 18 hours

MUS 4722 Choral Conducting

3000-4000 level Music Electives: 16 hours

Supportive Requirement: 12 hours

Any combination of foreign languages (French, German, Latin) totaling 12 hours. Spanish and Japanese cannot be used to meet this requirement.

Bachelor of Music Education
Concentrations in Instrumental, Piano, and Voice

Students must also complete all teacher licensure requirements of the Arkansas Department of Education. These requirements may be found in the School of Education section found elsewhere in this catalog.

Major Requirements: 52 hours

MUS	1040	Recitals, Concerts, Productions*
MUS	1072	Music Technology
MUS	1023	Theory I
MUS	1033	Theory II
MUS	2213	Theory III
MUS	2223	Theory IV

MUS 1061 Ear Training/Sight Singing I
MUS 1091 Ear Training/Sight Singing II
MUS 2231 Ear Training/Sight Singing III
MUS 2241 Ear Training/Sight Singing IV
MUS 3563 Music History I
MUS 3573 Music History II
MUS 3413 Analysis and Music Literature
MUS 3583 Elementary Music Methods
Major Area Applied Lessons (PMUS): 14 hours
PMUS 4011 Recital/Project: 1 hour
(Must be presented the semester prior to enrolling in Internship II)
Major Area Ensemble: 7 hours
*MUS 1040 must be taken each semester in residence for a total of 8 semesters.

Instrumental Concentration Requirements: 11 hours
Applied Voice: 2 hours
MUS 3441 Woodwind Class
MUS 3481 Brass Class
MUS 3491 Percussion Class
MUS 3501 String Class
MUS 4613 Secondary Instrumental Methods
MUS 4712 Instrumental Conducting

Piano Concentration Requirements: 12 hours
Applied Voice: 2 hours
MUS 1051 Piano Repertoire
MUS 3322 Vocal Pedagogy
MUS 4632 Piano Pedagogy
MUS 4722 Choral Conducting
MUS 4783 Secondary Vocal Methods

Voice Concentration Requirements: 11 hours
Applied Piano: 2 hours
MUS 4783 Secondary Vocal Methods
MUS 4722 Choral Conducting
MUS 2292 Diction for Singers
MUS 3322 Vocal Pedagogy

Professional Education Requirements: 0-36 hours
EDUC 1143 Education for Schools and Society
EDUC 2253 Needs of Diverse Learners in Inclusive Settings
EDUC 3203 Educational Psychology: Developing Learners
EDUC 460V Clinical Internship I (3-6 credit hours)
EDUC 463V Clinical Internship II (15 credit hours)

Music Minor

Minor Requirements: 18 hours
MUS 1023 Theory I
MUS 1033 Theory II
MUS 1061 Ear Training/Sight Singing I
MUS 1091 Ear Training/Sight Singing II
One of the following courses:
MUS 3563 History of Music I
MUS 3573 History of Music II
MUS 3413 Analysis and Music Literature
Applied Music: 4 hours, 3 of which must be at the upper level
3000-4000 level Music Electives: 3 hours



School of Business

Location: Babin Business Center, Monticello
Telephone: (870) 460-1041 / Fax (870-460-1784
Mailing Address: P.O. Box 3616, Monticello, AR 71656
Website: http://www.uamont.edu/pages/department/school-business

Faculty/Mission

Associate Professors Alexander, Clayton (Dean), Hammett and Phillips; Assistant Professor Wells-O'Rear; Instructors Harton, Hatley, and Knowles.

The mission of the School of Business is to serve the undergraduate educational needs of business students in southeast Arkansas and the region. Teaching and student learning are the highest priorities of a faculty dedicated to effective classroom instruction and advising. The School of Business faculty are also dedicated to providing service to the University, the profession, and the community. They are actively engaged in scholarship that strengthens classroom instruction and assists the business community and the profession. The School of Business is firmly committed to continuous improvement in all three areas: teaching, service, and scholarship. The programs in Accounting and Business Administration share the common goal of preparing students to participate effectively in the complex business environment of the future.

School of Business Learning Outcomes:

The student graduating from the School of Business at the University of Arkansas at Monticello will:

1. Demonstrate familiarity with business theory and practices.
2. Demonstrate critical thinking and communication skills by analyzing business problems and clearly presenting solutions to those problems, either orally or in writing,
3. Be able to gather, analyze, and present results of research and business analysis,
4. Demonstrate competence in the use of common business application software and an understanding of the role of information systems in business,
5. Demonstrate understanding of international business and international effects on US firms in an interdependent world.

The School offers two Bachelor of Business Administration (B.B.A.) degrees: a B.B.A. in Accounting and a B.B.A. in Business Administration with an emphasis in Finance, General Business, Management, or Marketing. The major program course requirements are listed under each program offered by the School of Business. All major programs are comprehensive, requiring a minimum of 57 credit hours of course work in approved business subjects and requiring no minors. The School also offers an Associate of Science in Business Administration and a minor in business.

The Bachelor of Business Administration Degree

The Bachelor of Business Administration degree requires 120 hours which includes the University's General Education program, the Business Core, and major requirements. The number of elective hours will depend on the major chosen and the General Education courses selected. Four (4) of the elective hours must be in non-business areas. For further information, consult your academic advisor.

Students transferring from another university must complete at least twelve hours of the upper-level business credit hours required for the B.B.A. degree at the University of Arkansas at Monticello. In addition, students must meet the University residency requirements.

Business Core: 48 hours

ACCT	2213	Principles of Financial Accounting
ACCT	2223	Principles of Managerial Accounting
ECON	2113	Business Statistics I
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
FIN	3473	Principles of Finance
GB	2533	Legal Environment of Business
GB	2043	Business Communications
GB	3233	Business Statistics II
GB	3353	International Business
GB	3493	Business Ethics
MGMT	3473	Principles of Management
MGMT	4643	Production/Operations Management
MGMT	4653	Strategic Management
MKT	3403	Principles of Marketing

One of the following courses:

MGMT	4613	Management Information Systems (Business Administration Major)
ACCT	4323	Accounting Information Systems (Accounting Major)

Supportive Requirement: 3 hours

CIS	2223	Microcomputer Applications

Accounting

Bachelor of Business Administration

Business Core: 48 hours

Supportive Requirement: 3 hours

Accounting majors must take ACCT 4323 Accounting Information Systems in place of MGMT 4613 Management Information Systems

Major Requirements: 30 hours

ACCT	3403	Intermediate Accounting I
ACCT	3413	Intermediate Accounting II
ACCT	3433	Cost Accounting
ACCT	4683	Federal Tax I
ACCT	4693	Federal Tax II
ACCT	4723	Advanced Accounting I
ACCT	4733	Advanced Accounting II
ACCT	4773	Auditing

Six hours from the following courses:

ACCT	4333	Fraud Examination
ACCT	4343	Forensic Accounting
ACCT	4633	Governmental Accounting*
ACCT	4673	Cost Accounting II
ACCT	4643	International Accounting

*Required in order to be eligible to sit for the CPA exam. In addition, a student must complete a minimum of 150 hours of college credit. Please see your academic advisor for details.

Business Administration

Bachelor of Business Administration

Business Core: 48 hours

Supportive Requirement: 3 hours

Emphasis Requirements: 15-18 hours

Business Administration majors must select an emphasis from the areas of General Business, Finance, Management, or Marketing. Students must complete all Business Core and Supportive Requirements in addition to those in the emphasis.

Courses can be used to meet the requirements of only one emphasis. Students may choose two emphases if sufficient courses are available to meet the requirement of both.

Finance Emphasis: 15 hours

FIN	4603	Financial Policy and Planning
FIN	4613	Investments
ECON	3453	Money and Banking

Six hours from the following courses:

FIN	3413	General Insurance
FIN	3483	Real Estate Principles
FIN	4623	International Finance
FIN	4683	Real Estate Finance

General Business Emphasis: 18 hours

Complete 6 hours each from any 3 of the following 4 areas:

Accounting:

ACCT	3453	Cost Accounting I
ACCT	4333	Fraud Examination
ACCT	4673	Cost Accounting II
ACCT	4683	Tax Accounting I
ACCT	4693	Tax Accounting II

Finance:

ECON	3453	Money and Banking
FIN	4603	Financial Policy and Planning
FIN	4613	Investments
FIN	4623	International Finance

Management:

GB	4363	Topics in E-Commerce
MGMT	3463	Leadership
MGMT	4603	Entrepreneurship
MGMT	4633	Human Resource Management
MGMT	4663	Organizational Behavior and Theory

Marketing:

MKT	3453	Marketing Communication
MKT	3463	Consumer Behavior
MKT	3483	Channels of Distribution
MKT	4663	Marketing Management

Management Emphasis: 15 hours

MGMT	4633	Human Resource Management
MGMT	4663	Organizational Behavior and Theory

Nine hours from the following courses:

GB	4363	Topics in E-Commerce
MGMT	3433	Entrepreneurship
MGMT	3463	Leadership
MGMT	4673	Global Organizational Behavior and Theory
MGMT	4693	New Venture Development
MKT	4663	Marketing Management

One of the following:

COMM	3483	Communication in Small Groups
COMM	3533	Communication in Organizations

Marketing Emphasis: 15 hours

MKT	3463	Consumer Behavior
MKT	4623	Marketing Research
MKT	4663	Marketing Management

One of the following:

MKT	3453	Marketing Communications
MKT	3483	Channels of Distribution

Three hours from the following:

GB	4363	Topics in E-Commerce
MKT	3443	Selling and Sales Administration
MKT	3503	Fashion Marketing
MKT	3513	International Marketing

Business Minor

NOTE: A student with a business major cannot select the Business Minor.

Minor Requirements: 21 hours

ACCT	2213	Principles of Financial Accounting
ACCT	2223	Principles of Managerial Accounting

One of the following:

ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
AGEC	2273	Agricultural Economics

FIN	3473	Principles of Finance
MGMT	3473	Principles of Management
MKT	3403	Principles of Marketing

3 upper-level elective hours from ACCT, ECON, FIN, GB, MGMT, or MKT courses

Associate of Science in Business Administration

The Associate of Science in Business Administration consists of 60 hours, including 35 hours of general education requirements, 18 hours of business core courses, and 6 hours of directed electives at the 1000 level or above, and 1 hour of general electives at the 1000 level or above. The Associate degree can serve as a stand-alone degree, and the courses are partial fulfillment of the requirements for the Bachelor of Business Administration in Accounting or Business Administration.

Core Business Courses and Supportive requirements: 18 hours

ACCT	2213	Principles of Financial Accounting
ACCT	2223	Principles of Managerial Accounting
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics

ECON	2113	Business Statistics I
GB	2533	Legal Environment of Business

Electives: 7 hours

Choose two courses from the following:

CIS	2223	Microcomputer Applications
ECON	1193	Personal Financial Economics
GB	1023	Introduction to Business
GB	2043	Business Communications

And another 1 hour of any 1000-level or above course selected by the student and his/her advisor.



School of Computer Information Systems

Location: Babin Business Center, Room 101, Monticello
Telephone: (870) 460-1031 / Fax: (870) 460-1831
Mailing Address: P.O. Box 3467, Monticello, AR 71656
Email: CIS@uamont.edu
Website: http://www.uamont.edu/pages/department/school-computer-information-systems/

Faculty/Mission

Associate Professors Hairston (Dean), Marsh, and Selby; Instructors Cossey, Donham, and Harris.

The mission of the School of Computer Information Systems is to support the mission of the University of Arkansas at Monticello by focusing on the undergraduate educational needs of computer information system students in southeast Arkansas and the region. The Bachelor of Science degree in Computer Information Systems is designed to prepare students to assume dynamic roles as analysts and designers who will provide the professional insight required for building the information systems of the future.

The goal of the program in Computer Information Systems is to advance the development of those intellectual, personal, and professional attributes that prepare students to shape the complex computer software environment of the future. Graduates are prepared to begin careers as computer programmers, to rapidly progress to systems analysis responsibilities, and ultimately to occupy positions in management of information systems. Students augment their Computer Information Systems learning with selected courses in business and communication. This comprehensive program allows graduates to confidently advance in the complex business environment of the future.

The School of Computer Information Systems offers a Bachelor of Science degree with a major in Computer Information Systems. An Advanced Certificate in Computer Information Systems and a minor in Computer Information Systems are also available.

The major program is comprehensive, requiring a minimum of 61 credit hours of course work in Computer Information Systems and approved courses in business and other supportive requirements.

The Bachelor of Science Degree in Computer Information Systems

The Bachelor of Science degree in Computer Information Systems requires 120 hours of college credit courses at the 1000-level or above, including at least 40 hours of 3000-4000 level courses. Computer Information Systems majors must select a concentration from either Programming or Cybersecurity. Students must complete all of the University's General Education requirements, the CIS Core, and Supportive Requirements in addition to those in the concentration and at least 40 hours of 3000-4000 level courses.

CIS Core: 22 hours

CIS 1193 PC Hardware and Software Maintenance
CIS 2203 Programming Logic and Design
CIS 2223 Microcomputer Applications
CIS 3523 System Analysis and Design
CIS 4503 Data Communications and Networking
CIS 4623 Database Management Systems
CIS 4634 Application Software Development Project

Supportive Requirements: 21 hours

ACCT 2213 Principles of Financial Accounting
One of the following courses:
- ACCT 2223 Principles of Managerial Accounting (Programming Concentration)
- CJ 1013 Introduction to Criminal Justice (Cybersecurity Concentration)

ECON 2113 Business Statistics I
One of the following courses:
- ECON 2203 Principles of Macroeconomics
- ECON 2213 Principles of Microeconomics

GB 2043 Business Communications
MKT 3403 Principles of Marketing
One of the following courses:
- MGMT 3473 Principles of Management
- MGMT 4613 Management Information Systems

Cybersecurity Concentration: 18 Hours

One of the following courses:
- CIS 3423 COBOL
- CIS 3443 Object-Oriented Programming Languages

CIS 3123 Linux Operating Systems
CIS 3473 Cyberlaw
CIS 3623 Computer Forensics
CIS 4253 Cybersecurity
CIS 4263 Ethics in Information Technology

Programming Concentration: 18 hours

CIS 3423 COBOL
CIS 3443 Object-Oriented Programming Languages
CIS 3553 Advanced COBOL
One of the following courses:
- CIS 3453 World Wide Web Programming
- CIS 3463 Programming Mobile Applications

Six credit hours of CIS electives at the 3000-4000 level

Advanced Certificate in Computer Information Systems: 24 hours

The Advanced Certificate program in Computer Information Systems is intended for individuals who hold a baccalaureate degree in another discipline and desire to demonstrate proficiency in computer information systems that would enhance their value in a current career and/or increase their viability for growth and advancement. The certificate program requires 24 credit hours of instruction.

Minimum Entrance Requirements: Baccalaureate degree from any accredited college or university.

NOTE: A maximum of six credit hours of discipline-related courses may be transferred from the qualifying completed baccalaureate degree.

Certificate Courses: 24 hours

CIS 1193 PC Hardware and Software Maintenance
CIS 2203 Programming Logic and Design
CIS 2223 Microcomputer Applications
CIS 3523 System Analysis and Design
One of the following courses:
- CIS 3243 Introduction to Java Programming
- CIS 3423 COBOL
- CIS 3433 Introduction to C# Programming
- CIS 3443 Object-Oriented Programming
- CIS 3453 World Wide Web Programming

One of the following courses
- CIS 3103 Advanced Microcomputer Applications
- CIS 4623 Business Database Management Systems

Six additional hours of CIS coursework at the 3000-4000 level, for which the prerequisites have been met, excepting CIS 370V: CIS Practicum and CIS 460V: Internship in CIS.

Minor in Computer Information Systems: 18 hours

CIS 1193 PC Hardware and Software Maintenance
CIS 2203 Programming Logic and Design
One of the following courses:
- CIS 3243 Introduction to Java Programming
- CIS 3423 COBOL

CIS 3433 Introduction to C# Programming
CIS 3443 Object-Oriented Programming Language
CIS 3453 World Wide Web Programming

Nine additional elective hours of Computer Information Systems courses for which prerequisites have been met, six of which must be at the 3000-4000 level excepting CIS 1013 Introduction to Computers, CIS 370V: CIS Practicum, and CIS 460V: Internship in CIS

Associate of Science in Computer Information Systems

The Associate of Science in Computer Information Systems consists of 60 hours, including 35 hours of general education requirements, 12 hours of core CIS courses, 9 hours of CIS and Supportive Requirement courses, and 4 hours of electives at the 1000-level or above. All hours earned at the 1000-level or above in satisfying the Associate of Science degree may be used toward a baccalaureate degree. The Associate degree serves as a terminal degree for students or as an Intermediate degree for students In the CIS baccalaureate program.

Core CIS Courses and Supportive requirements: 12 hours
CIS 1013 Introduction to Computer-Based Systems
CIS 1193 PC Hardware/Software Maintenance
CIS 2203 Programming Logic & Design
CIS 2223 Microcomputer Applications

Electives: 13 hours
Choose nine elective hours from the following prefixes: ACCT, CIS, ECON, or GB
Choose four elective hours at the 1000-level and above.



School of Education

Location: Willard Hall, Monticello
Telephone: (870) 460-1062 / Fax: (870) 460-1563
Mailing Address: P.O. Box 3608, Monticello, AR 71656
Website: http://www.uamont.edu/pages/department/school-education/

Faculty/Mission

Professors Massey and Longing; Associate Professors Guizar, Hunnicutt, and Shahan; Assistant Professors Baldwin, Gray, Salloukh, and Wilkerson; Instructors Brannon, Jackson, Frazer, Givhan, Level (Dean), Newton, Reed, and Wilson.

The University of Arkansas at Monticello School of Education is committed to the development of highly qualified candidates. The School of Education embraces the responsibility to prepare candidates to live and work in a rapidly changing, diverse world. Candidates are challenged to achieve the highest level of proficiencies defined in the UAM School of Education's Conceptual Framework and as modeled by the UAM School of Education faculty. The Conceptual Framework is comprised of five strands: knowledge, pedagogy, diversity, professionalism, and technology. The candidates' understanding of the Conceptual Framework is progressively developed as they transition through the various professional education

programs. The UAM School of Education is dedicated to developing highly professional educators through a partnership with the Southeast Educational Cooperative, area public schools, the university community, and supportive agencies in Arkansas' high-need geographical areas.

Title II - Higher Education Act of 1998

The University releases information on the quality of its teacher preparation program according to the requirements of Section 207 of Title II of the Higher Education Act as amended in 1998.

Conceptual Framework

The Conceptual Framework of the School of Education is organized around five strands that promote: the acquisition of a knowledge base; development of pedagogical skills; promotion of diversity and social justice; the demonstration of professionalism, and technology skills. The core belief through all strands is that the diverse population of P-12 students can learn. This philosophy is shared by faculty and teacher candidates alike and is infused throughout the curriculum and practice of faculty and teacher candidates. The essential behaviors identified through indicators of competence within each strand define the performance of initial candidates in the teacher education program. These indicators represent the knowledge, skills, and dispositions for all initial and advanced candidates and serve as a foundation to scaffold specific experiences, assessments, and learning opportunities.

The acquisition of knowledge, skills, and dispositions is developmental and cumulative to becoming a highly qualified educator. The School of Education faculty identified four transitions through which data are collected on candidate progression: 1) pre-admission to teacher education; 2) admission to teacher education; 3) admission to clinical internship; and 4) program completion/graduation.

Program Offerings

Programs offered in the School of Education include those leading to initial teacher licensure and those that do not lead to licensure. Programs leading to licensure are the B.A. K-6 Elementary

Education and B.A. in Middle Childhood. Programs not leading to licensure are the B.S. in Teaching and Learning, the B.S in Education Studies, the B.S. in Health, Physical Education and Exercise Science and the B.A. and B.S. in Health and Physical Education.

The School of Education offers quality programs leading to teacher licensure in K-6 Elementary and Middle Childhood. In addition, students seeking a Bachelor of Music Education degree complete the professional education core courses. For students interested in an alternative route for initial licensure at the Middle Childhood and secondary level areas including music and physical education, the School of Education offers the M.A.T. degree program, through which initial licensure may be earned after completion of a baccalaureate degree from an accredited institution and completion of the M.A.T. program.

Programs leading to initial licensure:

K-6 Elementary Education
4-8 Middle Level Education
K-12 Music
Master of Arts in Teaching

Transition Point I: Pre-Admission Requirements

C or better in the following:
ENGL 1013
ENGL 1023
MATH 1003 or MATH 1043
COMM 1023, 2203, or 2283
B or better in the following:
EDUC 1143 Education, Schools, and Society (Mid-Level Education only)
EDUC 2233 Instructional Technology
EDUC 2253 Needs of Diverse Learners in Inclusive Settings
EDUC 3573 Classroom Management
All 1000- 2000 level Major courses
ACT Reading 20
ACT Math 20
ACT Writing 6
Cumulative GPA of 2.75 or better
Interview

Transition Point II: Teacher Education Major Degree Program of Study

C or better in all General Education courses
B or better in the following
EDUC 3203 Educational Psychology: Developing Learners
EDUC 3563 Effective Instructional and Management Strategies
EDUC 3583 Assessment Techniques
READ 2023 Introduction to Teaching Reading
All 3000-4000 level Major courses
PRAXIS Subject Assessment(s) (Passing scores for the appropriate licensure area prior to application Internship)

Transition Point III: Clinical Internship I

Cumulative GPA of 3.0 or better
B or better in major methods courses

Transition Point IV: Clinical Internship II

Maintain cumulative GPA of 3.0 or better
Foundations of Reading Test

Transition Point V: Program Completion

Cumulative GPA of 3.0 or better
Principles of Learning and Teaching (PLT) (Passing score for appropriate grade level)
Completion of all degree requirements

Teacher Education Field Experiences and Clinical Internships

The teacher education program at the University of Arkansas at Monticello supports the early involvement of its candidates in diverse field experiences with K-12 students. Field experiences are sequential, developmental, and focused on the practical application of content covered in education classes. The candidates also complete an intensive yearlong Clinical Internship I and Clinical Internship II.

Matriculating Through the Teacher Preparation Program

The teacher preparation program is comprised of three important components. The first component is general education. All candidates at UAM complete the general education requirements which provide a solid foundation for study that will

occur in later courses. These courses are usually completed in the first two years. Secondly, all teacher education candidates complete the professional education core, regardless of their major. These courses are completed throughout the program, beginning in the first year of enrollment, and prepare the candidate for successful teaching and learning. Thirdly, candidates preparing to become teachers will complete specific course work in their major area that will prepare them for initial teacher licensure.

The teacher preparation program at UAM is based upon the Arkansas Department of Higher Education and Arkansas Department of Education requirements. Please check with the School of Education for specific, updated courses needed to meet state licensure requirements for teaching.

Bachelor of Arts in K-6 Elementary Education Degree

1. Humanities and Social Sciences: 24 hours

Composition: 6 hours (Courses Requires a "C" or better)
ENGL 1013 Composition I
ENGL 1023 Composition II
Fine Arts: 3 hours (Course Requires a "C" or better)
One of the following courses:
ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation
Speech: 3 hours (Course Requires "C" or better)
COMM 1023 Public Speaking
Humanities: 3 hours (Course Requires "C" or better)
One of the following courses:
ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II
U.S. History or Government: 3 hours
(Course Requires "C" or better)
One of the following courses:
HIST 2213 American History I
HIST 2223 American History II
Social Science Elective: 6 hours
(Courses Require "C" or better)
GEOG 2213 General Geography I
One of the following courses:
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
Mathematics and Natural Science: 11 hours
Mathematics: 3 hours (Course Requires "C" or better)
MATH 1003 Quantitative Literacy
Basic Sciences: 8 hours (Courses Require "C" or better)
BIOL 1063/1071 Introduction to Biological Sciences/Lab
ESCI 1073/1081 Earth and Atmosphere/Lab
TOTAL HOURS: 35

2. Professional Education Core Courses: 39 Hours

All Professional Education Core (Courses Require a "B" or better)
EDUC 2233 Instructional Technology
EDUC 2253 Needs of Diverse Learners in Inclusive Settings
EDUC 3203 Educational Psychology: Developing Learners
EDUC 3563 Effective Instructional and Mgmt. Strategies
EDUC 3573 Classroom Management
EDUC 3583 Assessment Techniques
EDUC 4133 Advanced Assessment Techniques
EDUC 460V Clinical Internship I
EDUC 463V Clinical Internship II
READ 2023 Introduction to Teaching Reading

3. Elementary Education Major Courses: 30 Hours

(All Courses Require a "B" or better)
EDUC 2263 Learning and Development
EDUC 3013 K-6 Planning, Curriculum, and Programs
EDUC 3023 Scientific Concepts and Methods
EDUC 4013 Teaching Social Studies
EDUC 4023 Teaching Mathematics
EDUC 4123 Advanced Teaching Mathematics
READ 4013 Teaching Literacy
READ 4143 Advanced Teaching Literacy
SPED 2213 Characteristics of Exceptional Learning Needs
SPED 3413 Teaching and Assessing Students with Exceptional Learning Needs

4. Supportive Requirement: 21 Hours

(Courses Require a "C" or better)
CIS 2203 Programming Logic and Design
HIST 3593 Arkansas History
MAED 2243 Fundamentals of Geometric Concepts
MAED 3553 Number Systems
PE 2013 Health and Physical Education for Teachers

PHYS 1003 Elements of Physics
PSCI 2213 American National Government
TOTAL HOURS: 125

Bachelor of Arts – Middle Childhood Education

Candidates must complete: 1) General Education Requirements, 2) the Professional Education Core Courses. In addition candidates must choose two different content areas from the following: English, mathematics, science, or social studies as content emphasis areas. Candidates completing the requirements for Middle Childhood education will be licensed in the two content emphasis areas chosen in the program of study for grades 4-8 in the State of Arkansas.

1. Middle Childhood Education General Education Requirements

Humanities and Social Sciences: (24 hours)
Composition: 6 hours (Requires a "C" or better)
ENGL 1013 Composition I (ACTS Equivalent #ENGL 1013)
or
ENGL 1033 Honors Composition I and
ENGL 1023 Composition II (ACTS Equivalent # ENGL 1023
or
ENGL 1043 Honors Composition II
Fine Arts: 3 hours (Requires a "C" or better)
One of the following courses:
ART 1053 Art Appreciation (ACTS Equivalent # ARTA 1003)
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation (ACTS Equivalent # MUSC 1003)
Speech: 3 hours (Requires a "C" or better)
One of the following courses:
COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech
Humanities: 3 hours (Requires a "C" or better)
ENGL 2283 Survey of World Literature I (ACTS Equivalent # ENGL 2113) or
ENGL 2293 Survey of World Literature II (ACTS Equivalent # ENGL 2123)
U.S. History or Government: 3 hours (Requires a "C" or better)
HIST 2213 American History I
Social Science Elective: 6 hours (Requires a "C" or better)
HIST 1013 World History to 1500 (ACTS Equivalent # HIST 1113) or
HIST 1023 World History since 1500 (ACTS Equivalent # HIST 1123)
One of the following courses:
PSY 1013 Introduction to Psychology (ACTS Equivalent # PSYC 1103)
SOC 2213 Introduction to Sociology (ACTS Equivalent # SOCI 1013)

Mathematics and Natural Science: 11 hours
Mathematics: 3 hours Course (Requires a "C" or better)
MATH 1003 Quantitative Literacy
Basic Sciences: 8 hours (Requires a "C" or better)
BIOL 1063/1071 Introduction to Biological Sciences/Lab (ACTS Equivalent # BIOL 1004)
ESCI 1073/1081 Earth and Atmosphere/Lab (ACTS Equivalent # PHSC 1104)
TOTAL HOURS: 35

2. Professional Education Core Courses: 42 Hours

All Professional Education Core (Require a "B" or better)
EDUC 2233 Instructional Technology
EDUC 2253 Needs of Diverse Learners in Inclusive Settings
EDUC 2263 Learning and Development
EDUC 3203 Educational Psychology: Developing Learners
EDUC 3563 Effective Instructional and Management. Strategies
EDUC 3573 Classroom Management
EDUC 3583 Assessment Techniques
EDUC 4123 Advanced Assessment
READ 2023 Introduction to Teaching Reading
EDUC 460V Clinical Internship I
(Must be taken as co-requisite with the appropriate methods course offered In the major)
EDUC 463V Clinical Internship II

3. Supportive Requirement- 7 Hours

(Requires a "C" or better)

HIST	3593	Arkansas History
CIS	2203	Programming Design and Logic

Elective 1 Hour

4. Concentration Areas:

All Concentration Area Courses Require a C or Better Except Where Noted

Choose two from the following concentration areas:

Mathematics: 18 Hours

EDUC	4023	Teaching Math (Requires a B or Better)
EDUC	4123	Advanced Teaching Math (Requires a B or Better)
MAED	2243	Fundamentals of Geometric Concepts
MAED	3553	Number Systems
MAED	3563	Geometric Investigations
MATH	1043	College Algebra (ACTS Equivalent # MATH 1103)

Science: 18 Hours

BIOL	2233	Anatomy and Physiology I (ACTS Equivalent # BIOL 2404)
CHEM	1103	General Chemistry I (ACTS Equivalent # CHEM 1414)
EDUC	3023	Scientific Concepts and Methods (Requires "B" or better)
ESCI	1033	Astronomy
ESCI	1063	Elements of Geology (ACTS Equivalent # GEOL 1114)
PHYS	2203	College Physics I (ACTS Equivalent # PHYS 2014)

Language Arts: 18 Hours

ENGL	2323	Introduction to Literary Studies
ENGL	3413	American Literature II (ACTS Equivalent # ENGL 2663)
ENGL	3573	Literature for Adolescents
ENGL	4753	Advanced Grammar
READ	4013	Teaching Literacy (Requires a B or Better)
READ	4143	Advanced Teaching Literacy (Requires a B or Better)

Social Studies: 18 Hours

ECON	2213	Principles of Microeconomics (ACTS Equivalent # ECON 2203)
EDUC	4013	Teaching Social Studies (Requires a B or Better)
GEOG	2213	General Geography I (ACTS Equivalent # GEOG 1103)
HIST	1023	World History Since 1500 (ACTS Equivalent # HIST 1123)
HIST	2223	American History II (ACTS Equivalent # HIST 2123)
PSCI	2213	American National Government (ACTS Equivalent # PLSC 2003)

Total Hours 120

Online Bachelor of Science in Educational Studies (Non-Licensure)

1. General Education Requirements: 35 hours

All General Education Requirements (Require a "C" or better)

English: 6 hours

ENGL	1013	Composition I (ACTS Equivalent # ENGL 1013)
ENGL	1023	Composition II (ACTS Equivalent # ENGL 1023)

Communication: 3 hours

One from the following courses:

COMM	1023	Public Speaking (ACTS Equivalent # SPCH 1003)
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech

Fine Arts: 3 hours

One of the following courses:

ART	1053	Art Appreciation (ACTS Equivalent # ARTA 1003)
MUS	1113	Music Appreciation (ACTS Equivalent # MUSC 1003)
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation

Humanities: 3 hours

ENGL	2283	Survey of World Literature I (ACTS Equivalent # ENGL 2113)

or

ENGL	2293	Survey of World Literature II (ACTS Equivalent # ENGL 2123)

Mathematics: 3 hours

MATH	1003	Quantitative Literacy (ACTS Equivalent # MATH 1113)

Sciences w/labs: 8 hours

Social Sciences (Must be U.S. History or Government): 3 hours

One of the following courses:

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government (ACTS Equivalent # PLSC 2003)

Other Social Sciences: 6 hours

PSY	1013	Introduction to Psychology (ACTS Equivalent # PSYC 1103)
		or
SOC	2213	Introduction to Sociology (ACTS Equivalent # SOCI 1013)
		and
HIST	1013	World History to 1500 (ACTS Equivalent # HIST 1113)
		or
HIST	1023	World History Since 1500 (ACTS Equivalent # HIST 1123)

2. Professional Education Core Courses: 24 hours

All students must complete the professional education core courses below unless otherwise indicated.

All Professional Education Core (Require a "B" or better)

EDUC	1143	Education for Schools and Society: Developing Teacher Leaders
EDUC	2233	Instructional Technology
EDUC	2253	Needs of Diverse Learners in Inclusive Settings
EDUC	2263	Learning and Development
EDUC	3203	Educational Psychology: Developing Learners
EDUC	3563	Effective Instructional and Management Strategies
EDUC	3573	Classroom Management
EDUC	3583	Assessment Techniques

3. Major Courses: 30 hours

All Major Courses (Require a "B" or better)

EDUC	4013	Teaching Social Studies
EDUC	3013	K-6: Planning, Curriculum and Programming
EDUC	3403	Family and Community Relations
EDUC	4613	Education Field Study (6 hours: Course may be repeated for up to 12 hours)
MLED	3103	Programs and Practices of Middle Schools
READ	2023	Introduction to Teaching Reading
READ	4023	Disciplinary Literacy
SPED	2213	Characteristics of Exceptional Learning Needs
SPED	3413	Teaching and Assessing Students with Exceptional Needs

4. Supportive Requirements: 18 hours

All Supportive Requirements (Require a "C" or better)

MATH	1043	College Algebra (ACTS Equivalent # MATH 1103)
HIST	3593	Arkansas History
CIS	2223	Microcomputer Applications
GEOG	2213	Gen Geography I (ACTS Equivalent # GEOG 1103)
MAED	2243	Fundamentals of Geometric Concepts
MAED	3553	Number Systems

5. Electives: Minimum 13 hours

TOTAL PROGRAM HOURS: 120 Credit Hours

Bachelor of Science in Physical Education (Non-Licensure)

The Bachelor of Science in Physical Education (non-licensure) is administratively located in the School of Education. The purpose of the Physical Education (non-licensure) program is to: 1) Prepare students with the content knowledge needed for health, physical education, a minor content area, and coaching; 2) Prepare students for jobs in non-teaching sports and recreational settings or prepare them to enter a master's degree program of teacher certification.

Humanities and Social Sciences: 24 hours

Composition: 6 hours

ENGL	1013	Composition I
ENGL	1023	Composition II

Fine Arts: 3 hours

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Speech: 3 hours

One of the following courses:

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech

Humanities: 3 hours

One of the following courses:

ENGL	2283	Survey of World Literature I
ENGL	2293	Survey of World Literature II

U.S. History or Government: 3 hours

One of the following courses:

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

Social Sciences: 6 hours

Choose two courses from two different disciplines from the following:

GEOG	2213	General Geography I
GEOG	2223	General Geography II
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
PSY	1013	Introduction to Psychology or
SOC	2213	Introduction to Sociology

Mathematics and Natural Science (11 hours):

Mathematics: 3 hours

One of the following:

MATH	1003	Quantitative Literacy
MATH	1043	College Algebra

Or any MATH 1000-level or above

Basic Sciences: 8 hours

Choose from two different disciplines with labs:

Earth Science

Biological Science

Chemistry

Physics.

Total Hours: 35

Major Requirements: 67 hours

EXSC	3323	Strength and Conditioning
EXSC	4533	Sport Psychology
PE	1443	Team Sports
PE	1453	Individual Sports
PE	2113	Nutrition
PE	2203	Health and Wellness Promotion
PE	2273	First Aid and CPR
PE	2313	Care and Prevention of Athletic Injuries
PE	2703	Theory and Principles of Physical Education and Coaching
PE	3503	Adapted Physical Education
PE	3523	Exercise Physiology
PE	3553	Child Growth and Motor Development
PE	4603	Physical Education Tests and Measurements
EXSC	4643	Anatomical Kinesiology
EXSC	4401	Anatomical Kinesiology Lab
PE	4713	Sport Administration
PE	3372	Coaching of Baseball/Softball
PE	3382	Coaching of Volleyball
PE	3392	Coaching of Track
PE	3422	Coaching of Basketball
PE	3472	Coaching of Football
PE	2262	Officiating
PE	2403	Lead-up Games
PE	3303	Community Health
PE	4413	Methods of Physical Education and Health

Electives: 12 hours

1000-4000 Elective: 6 hours

3000-4000 Elective: 6 hours

Supportive Requirements: 6 hours

BIOL	2233	Anatomy and Physiology I
CIS	1013	Introduction to Computer Based Systems

Total hours: 120

Bachelor of Arts in Health and Physical Education (Non-Licensure)

The Bachelor of Arts in Health and Physical Education (non-licensure) is administratively located in the School of Education. The purpose of the Health and Physical Education (non-licensure) program is to: 1) Prepare students with the content knowledge needed for health, physical education, a minor content area, and coaching; 2) Prepare students for jobs in non-teaching sports and recreational settings or prepare them to enter a master's degree program for a teaching licensure.

Humanities and Social Sciences: (24 hours)

Composition: 6 hours

ENGL 1013 Composition I
ENGL 1023 Composition II

Fine Arts: 3 hours

One of the following courses:

- ART 1053 Art Appreciation
- MUS 1113 Music Appreciation

Communication: 3 hours

One of the following courses:

- COMM 1023 Public Speaking
- COMM 2203 Interpersonal Communication
- COMM 2283 Business and Professional Speech

Humanities: 3 hours

One of the following courses:

- ENGL 2283 Survey of World Literature I
- ENGL 2293 Survey of World Literature II

U.S. History or Government: 3 hours

One of the following courses:

- HIST 2213 American History I
- HIST 2223 American History II
- PSCI 2213 American National Government

Social Science: 6 hours

Choose two courses from two different disciplines from the following:

- GEOG 2213 General Geography I
- GEOG 2223 General Geography II
- HIST 1013 World History to 1500
- HIST 1023 World History Since 1500
- PSY 1013 Introduction to Psychology or
- SOC 2213 Introduction to Sociology

Mathematics and Natural Science: (11 hours)

Mathematics: 3 hours

One of the following courses:

- MATH 1003 Quantitative Literacy
- MATH 1043 College Algebra or
- Any MATH 1000-level or above

Basic Sciences: 8 hours

BIOL 2233 Anatomy and Physiology I
BIOL 2291 Anatomy and Physiology Laboratory I

Choose from one discipline with lab:

- Earth Science
- Chemistry
- Physics

Total Hours: 35

Major Requirements: 62 hours

EXSC 3323 Strength and Conditioning
EXSC 4533 Sport Psychology
PE 1443 Team Sports
PE 1453 Individual Sports
PE 2113 Nutrition
PE 2203 Health and Wellness Promotion
PE 2213 Gymnastics and Rhythmic Activities
PE 2273 First Aid and CPR
PE 2313 Care and Prevention of Athletic Injuries
PE 2703 Theory and Principles of Physical Education and Coaching
PE 3503 Adapted Physical Education
PE 3523 Exercise Physiology
PE 3553 Child Growth and Motor Development
PE 4603 Physical Education Tests and Measurements
EXSC 4643 Anatomical Kinesiology
PE 4663 Methods and Materials of PE (fall only)
PE 4693 Methods of Teaching Health (spring only)
PE 4713 Sport Administration

Six hours from the following courses:

- PE 3372 Coaching of Baseball/Softball
- PE 3382 Coaching of Volleyball
- PE 3392 Coaching of Track
- PE 3422 Coaching of Basketball
- PE 3472 Coaching of Football

Minor Requirements:

Choose from any of the approved minor areas listed below. At least 9 hours must be at the 3000-4000 level.

- Art (18 hours)
- Communications (18 hours)
- English (21 hours)
- History (18 hours)
- Music (18 hours)
- Spanish (18 hours) **
- French (18 hours) **

** Students with a minor in a foreign language may need additional hours to meet the 120 hours required for degree completion

Total Hours: 120

Bachelor of Science in Exercise Science

Humanities and Social Sciences: (24 hours)

Composition: 6 hours

ENGL	1013	Composition I
ENGL	1023	Composition II

Fine Arts: 3 hours

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Communication: 3 hours

One of the following courses:

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communications
COMM	2283	Business and Professional Speech

Humanities: 3 hours

One of the following courses:

ENGL	2283	Survey of World Literature I
ENGL	2293	Survey of World Literature I

U.S. History of Government: 3 hours

One of the following courses:

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

Social Sciences: 6 hours

PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

Mathematics and Natural Science: (11 hours)

One of the following courses:

MATH	1003	Quantitative Literacy
MATH	1043	College Algebra

Any MATH 1000-level or above

Basic Sciences: 8 hours

One of the following chemistry courses with associated lab:

CHEM	1023	Intro. to Chemistry and
CHEM	1031	Intro. to Chemistry Lab or
CHEM	1103	General Chemistry and
CHEM	1121	General Chemistry Lab and

One of the following Biology courses with associated lab:

BIOL	1063	Intro. to Biological Science and
BIOL	1071	Biological Science/Principles of Biology I Lab or
BIOL	2053	Principles of Biology and
BIOL	1071	Biological Science/ Principles of Biology I Lab

Total Hours: 35

Major Requirements: 55 hours

EXSC	1002	Introduction to Exercise Science
EXSC	1012	Concepts of Fitness
EXSC	3483	Sport Entrepreneurship
EXSC	3323	Strength and Conditioning
EXSC	4503	Exercise Prescription
EXSC	4513	Exercise Certification Preparation
EXSC	4523	Geriatric/Therapeutic Internship
EXSC	4533	Sports Psychology
EXSC	4683	Methods and Technology for Exercise Science
EXSC	4401	Anatomical Kinesiology Laboratory
EXSC	4643	Anatomical Kinesiology
EXSC	4403	Pharmacology and Exercise Performance
EXSC	4783	Research Methods for Exercise Science
PE	1011	Weight Training for Men and Women
PE	1131	Fitness through Aerobic Dance
PE	2113	Nutrition
PE	2272	First Aid and CPR
PE	2203	Health and Wellness Promotion
PE	3461	Exercise Physiology Laboratory

PE 3523 Exercise Physiology
PE 4713 Sport Administration

Supportive Requirements: 23 hours

BIOL 2233 Anatomy and Physiology I
BIOL 2291 Anatomy and Physiology Laboratory I
BIOL 2243 Anatomy and Physiology II
BIOL 2301 Anatomy and Physiology Laboratory II
CIS 2223 Microcomputer Applications
PE 2313 Care and Prevention of Athletic Injuries
PSY 3443 Developmental Psychology
PSY 2203 Statistical Methods
Electives: 12 hours
Elective at 1000-4000 level (12 hours)

Bachelor of Science in Teaching and Learning (Non-Licensure)

General Education Requirements

All general Education Requirements (Require a "C" or better)
Humanities and Social Sciences: 24 hours
Composition: 6 hours
ENGL 1013 Composition I
ENGL 1023 Composition II
Fine Arts: 3 hours
One of the following courses:
ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation
Communication: 3 hours
One of the following courses:
COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech
Humanities: 3 hours
One of the following courses:
ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II
U.S. History or Government: 3 hours
One of the following courses:
HIST 2213 American History I
HIST 2223 American History II
PSCI 2213 American National Government
Social Sciences: 6 hours
PSY 1013 Introduction to Psychology and
One of the following courses:
GEOG 2213 General Geography I
GEOG 2223 General Geography II
SOC 2213 Introduction to Sociology
Mathematics: 3 hours
MATH 1003 Quantitative Literacy
Basic Sciences: 8 hours
ESCI 1063 Elements of Geology and
ESCI 1051 Elements of Geology Laboratory and
Four hours from a 3-hour lecture course with associated 1-hour lab, or a 4-hour course with an integrated lab chosen from the subject area of biology.
Total Hours: 35

Professional Education Core Courses (21 hours)

All students must complete the professional education core courses below unless otherwise indicated.
All Professional Education Core (Require a "B" or better)
EDUC 1143 Education, Schools and Society
EDUC 2233 Instructional Technology
EDUC 2253 Needs of Diverse Learners in Inclusive Settings
EDUC 3203 Educational Psychology: Developing Learners
EDUC 3563 Effective Instructional and Mgmt. Strategies
EDUC 3573 Classroom Management
EDUC 3583 Assessment Techniques

Teaching and Learning Major Courses (21 hours)

All Teaching and Learning Major Courses (Require a "B" or better)
EDUC 2263 Learning and Development
EDUC 3013 K-6: Planning, Curriculum, and Programming
MLED 3103 Programs and Practices of Middle Schools
MLED 4513 Teaching and Learning in the Middle Grades
READ 2023 Introduction to Teaching Reading
READ 4023 Disciplinary Literacy
SPED 3413 Teaching and Assessing Students with Exceptional Learning Needs

Supportive Requirements (22 hours)

All supportive Requirements (Require a "C" or better)

HIST	3593	Arkansas History
MAED	2243	Fundamentals of Geometric Concepts
MAED	3553	Number Systems
MAED	3563	Geometric Investigations
MATH	1043	College Algebra

One of the following courses:

HIST	1013	World History to 1500
HIST	1023	World History Since 1500

One of the following pairs of courses:

ESCI	1073	Earth and Atmosphere and
ESCI	1081	Earth and Atmosphere Lab
		or
ESCI	1123	Meteorology and
ESCI	1131	Meteorology Lab

Collateral: 21 hours

Total Program Hours: 120

Coaching Minor Requirements: 20 hours

PE	2272	First Aid and CPR
PE	2313	Care and Prevention of Athletic Injuries
PE	2703	Theory and Principles of Physical Education and Coaching
EXSC	4643	Anatomical Kinesiology
PE	4713	Sport Administration

Six hours from the following courses:

PE	3372	Coaching of Baseball/Softball
PE	3382	Coaching of Volleyball
PE	3392	Coaching of Track
PE	3422	Coaching of Basketball
PE	3472	Coaching of Football

Health and Physical Education Minor: 26 hours

PE	1443	Team Sports
PE	1453	Individual Sports
PE	2203	Health and Wellness Promotion
PE	2272	First Aid and CPR
PE	2703	Theory and Principles of Physical Education and Coaching
PE	3503	Adapted Physical Education
PE	4603	Physical Education Tests and Measurements
PE	4663	Methods and Materials of Physical Education (fall only)
PE	4693	Methods of Teaching Health (spring only)

Teaching and Learning Minor: 18 hours

EDUC	2233	Instructional Technology
EDUC	2253	Needs of Diverse Learners in Inclusive Settings
EDUC	3563	Effective Instructional and Mgmt. Strategies
EDUC	3573	Classroom Management
EDUC	3583	Assessment Techniques
EDUC	3203	Educational Psychology: Developing Learners

Total: 18 credit hours

University of Arkansas at Monticello (UAM) School of Education (SOE) Teacher Walkout Statement

For Teacher Education Candidates:

If a teacher walkout occurs, here's what you need to do if it happens during your field or internship experiences:

If your School Based Teacher Educator (SBTE) walks out of the classroom to join a march or picket line, remember that you cannot stay in the classroom without your SBTE. You will need to leave the building. Be sure to inform the main office staff that you are leaving the building and that you are doing so because you have been advised to do so by the UAM School of Education. You will need to notify the SOE Partnership Coordinator immediately. We will certainly take these special circumstances into account in terms of your hours needed, grading issues, etc.

If you choose to join your SBTE and fellow educators in the walkout, you will be doing this as a personal decision. UAM, a state institution, must be neutral on the subject. If you do choose to stand or walk with your SBTE and other educators, you will not be doing so as a representative of UAM. Do not display or wear your student ID or UAM clothing. If you are interviewed, please do not mention UAM.

You will need to be in contact with the SOE Partnership Coordinator to find out what you will need to do in the following days after the walkout.

For Master of Arts Candidates:

If you choose to join your fellow educators in the walkout, you will be doing this as a personal decision. UAM, a state institution, must be neutral on the subject. If you do choose to stand or walk with your fellow educators, you will not be doing so as a representative of UAM. Do not display or wear your student ID or UAM clothing. If you are interviewed, please do not mention UAM. You will need to notify the SOE Graduate Coordinator immediately if you choose to strike. We will certainly take these special circumstances into account in terms of your hours needed, grading issues, etc.

As for SOE Faculty, Staff, and Administrators:

Likewise, whether you choose to stand with the striking teachers is also a personal decision. If you choose to stand with the teachers in person, please do not display your UAM ID, wear UAM clothing, or use your UAM email account or program/SOE social media to protest or provide support. If you use your personal social media to communicate your support or if you are interviewed by the media, please make clear that you are expressing your personal opinions. You also must do so on your own personal time before and after work hours, unless you take personal time/vacation hours so that you are not on the clock if you choose to protest.

You can certainly discuss these issues in class or on discussion boards in Bb, but you need to maintain an educational stance when doing so. Minimize your personal beliefs when teaching and, if you do share your beliefs and thoughts, you need to be sure that you declare them as your own personal beliefs and that they do not represent UAM when you are teaching, advising, or if you are being interviewed or you are using your own personal social media.



College of Forestry, Agriculture and Natural Resources

Location: Henry H. Chamberlin Forest Resources Complex
Telephone: (870) 460-1052 / Fax: (870) 460-1092
Mailing Address: P.O. Box 3468, Monticello, AR 71656
Website:
http://www.uamont.edu/pages/department/schoolforest-resources/

Faculty

Professors Ficklin, Francis, Pelkki, Stark, Tappe (Dean), and White; Associate Professors Babst, Bataineh, and Osborne; Assistant Professors Lindsey and Tian; Instructor Jacobs

Vision

The College of Forestry, Agriculture and Natural Resources will develop future leaders and deliver science-based solutions through discovery, learning, and engagement. These efforts will result in healthy and productive forest, agricultural, and natural resources to help ensure social and economic prosperity.

Mission Statement

Our mission is to nurture the intellectual and personal development of our students, enlarge the body of knowledge in forestry, agriculture, and natural resource management, and to disseminate new ideas and technology. Our graduates will be life-long learners who succeed within their chosen discipline, and will promote and use creative, science-based solutions that enhance the quality of life of the people and communities we serve.

Student Learning Outcomes

Graduates of the College of Forestry, Agriculture and Natural Resources will:

- understand basic theory and practice, and be skilled in applying appropriate tools and technology, for their chosen field of study
- recognize how land management relates to the larger environment, economy, and society.
- apply science-based knowledge and information to analyze and creatively solve management problems
- demonstrate essential communication skills (interpersonal communication, nonverbal communication, written communication, and oral communication) that clearly provide relevant information and solutions to problems to diverse communities.

Majors

Bachelor of Science in Natural Resources Management

In the NATURAL RESOURCES MANAGEMENT MAJOR, students are provided a balance of general and professional coursework. General coursework includes a 35-hour General Education sequence. Courses in the professional sequence for all options consist of a common 51-hour core curriculum and 34 hours of coursework supporting the option. The freshman and sophomore years consist of general education and common core course, whereas the junior and senior years consist of common core and option courses. The Forestry option is accredited by the Society of American Foresters and prepares students for managing forest resources. The Wildlife Management and Conservation option is designed to give students a broad scientific background for management and perpetuation of wildlife resources. The Geospatial Science option integrates GIS, Global Positioning Systems (GPS), and remote sensing technology with natural resources management. The Communications in Natural Resources curriculum provides students a broad background in communication as well as natural resources management. The Environmental Science option allows broad flexibility through the individualized selection of environmental and natural resource management courses.

Bachelor of Science in Agriculture

In the AGRICULTURE MAJOR, students can choose from five options: Agribusiness, Animal Science, Plant and Soil Science, Site Specific Management, and General Agriculture. In addition, students desiring to enter veterinary school are provided course work and advising aimed at meeting the requirements of institutions offering a degree in veterinary medicine. The Agribusiness option curriculum provides students with a broad agriculture background applicable across all business fields within the industry. The Animal Science option provides students with a background in animal production, management, and the broad animal industry. The Plant and Soil Science option is designed to provide students with a comprehensive scientific background for sustainable management of crops, soils, and water resources. The Site Specific Management option combines elements of agriculture economics and plant and soil science in agricultural technology for precision management of farms, ranches, and other agricultural operations. The General Agriculture option provides an opportunity to combine courses from all options into a customized degree curriculum.

Bachelor of Science in Land Surveying

The LAND SURVEYING MAJOR prepares students to meet the growing demand for a geo-technology workforce. The program provides students with the tools and education to take the state survey licensure exam and become a professional land surveyor. The first two years of coursework emphasize various aspects of professional education. In addition, the School offers a two-year Associate of Science (A.S.) degree in Land Surveying Technology. Surveying licensure is available to Land Surveying graduates.

Associate of Science Degree

The ASSOCIATE OF SCIENCE DEGREE IN LAND SURVEYING TECHNOLOGY requires 64 semester hours and two academic years for completion. The associate degree includes courses in general education and land surveying. Graduates of the A.S. in Land Surveying Technology have the opportunity to take the state licensure exam, successful completion of the exam enables the student to become a licensed professional land surveyor.

Associate of Applied Science Degree

The ASSOCIATE OF APPLIED SCIENCE DEGREE IN FOREST TECHNOLOGY requires 60 semester hours and offers coursework that prepares individuals to assist foresters in the management and production of forest resources. Coursework includes instruction in woods and field skills, tree identification, forest measurements, forest propagation and regeneration, forest fire-fighting, resource management, and personnel supervision.

For students who wish to further their forest-related education, this AAS degree is designed to closely parallel the first two years of the Bachelor of Science in Natural Resources Management degree. In addition to providing a pathway for transitioning to a four-year baccalaureate degree, students who begin in the four-year program also may transfer easily to the AAS degree track, if their interests or circumstances warrant.

Associate of Science in Natural Resources Management

The ASSOCIATE OF SCIENCE IN NATURAL RESOURCES MANAGEMENT is a credential that students pursuing a baccalaureate in Natural Resources Management earn after completing the first two years of required coursework. With the completion of this A.S. degree, students will have the skills for a range of employment opportunities in natural resources management fields, including positions requiring field sampling, laboratory processing, and data entry and processing.

Associate of Science in Agriculture

The ASSOCIATE OF SCIENCE IN AGRICULTURE requires 60 semester hours and offers coursework leading to supportive employment opportunities in the agriculture industry. Students completing this degree can use the earned credit toward a Bachelor of Science degree in the Agriculture major.

Pre Vet Emphasis

Students are provided course work and advising to meet the entrance requirements of the veterinary school of their choice and may simultaneously complete the requirements for a Bachelor of Science degree in Agriculture under the Animal Science Option.

Requirements for Graduation

To graduate from the undergraduate programs in the College of Forestry, Agriculture and Natural Resources, students must have a cumulative grade point average of at least 2.0 in all curriculum core requirements, option requirements, and general education courses. Additionally, students must satisfy student learning outcomes defined in all required courses.

All baccalaureate degrees require at least 120 hours of college credit in courses at the 1000-level or above.

Student Organizations

Students are encouraged to cultivate their academic, social, and career interests through membership in the Student Chapter of the Society of American Foresters/Forestry Club, the Student Chapter of The Wildlife Society, the Collegiate Farm Bureau, The Collegiate Cattleman's Association, the Student Chapter of the Arkansas Society of Professional Surveyors Club, the Pre-Vet Club, Women of Natural Resources, the Rodeo Team, and Xi Sigma Pi, the national forestry and natural resources honor society.

Safety

All Natural Resources Management students must purchase and wear leather work boots and ANSI-approved hard hats and eyewear during field laboratories and field trips.

Graduate Work

The School also offers graduate education leading to the Master of Science degree. Thirty hours of graduate credit, including 4-6 hours of research and thesis credit, are required. For additional information on graduate studies, see the Graduate Programs section of this catalog.

Bachelor of Science in Natural Resources Management

Total Credit Hours: 120

University General Education Requirements: 35 hours

Composition: 6 hours

ENGL	1013	Composition I and
ENGL	1023	Composition II
		or
ENGL	1033	Honors Composition I and
ENGL	1043	Honors Composition II

Communication: 3 hours

One of the following courses:

COMM	1023	Public Speaking
COMM	1043	Honors Speech Communication
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech

Mathematics: 3 hours

MATH	1043	College Algebra

Science with Labs: 8 hours

CHEM	1103	General Chemistry I and
CHEM	1121	General Chemistry I Lab
		and
BIOL	2143	General Botany and
BIOL	2171	General Botany Lab
		or
BIOL	2153	Zoology and
BIOL	2161	General Zoology Lab

Fine Arts and Humanities: 6 hours

One of the following courses:

ART	1053	Art Appreciation
MUS	1113	Music Appreciation

One of the following courses:

ENGL	2283	Survey of World Literature I
ENGL	2293	Survey of World Literature II

Social Sciences: 3 hours

One of the following courses:

PSCI	2213	American National Government
HIST	2213	American History I

HIST 2223 American History II

Additional Social Sciences: 6 hours

ECON 2213 Principles of Microeconomics

One of the following courses:

ANTH 2203 Cultural Anthropology
CJ 1013 Introduction to Criminal Justice
ECON 2203 Principles of Macroeconomics
GEOG 2213 General Geography I
GEOG 2223 General Geography II
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
SWK 2123 Introduction to Social Work

Core Requirements: 46 hours

BIOL 3484 General Ecology
GIS 2014 Introduction to GIS, GPS and Remote Sensing
MATH 1033 Trigonometry
NRM 1001 Introduction to Natural Resources Management
NRM 2023 Human Dimensions in Natural Resources
NRM 2033 Soil Science
NRM 2031 Soil Science Laboratory
NRM 2052 Dendrology
NRM 2063 Natural Resources Communication
NRM 2073 Natural Resource Sampling and Monitoring
NRM 2082 Applications in Natural Resource Sampling and Monitoring
NRM 2093 Fire Management
NRM 3032 Contemporary Natural Resource Issues
NRM 3063 Biometrics in Natural Resources
NRM 4013 Natural Resource Economics
NRM 4043 Natural Resource Policy
NRM 4063 Natural Resources Practicum

Forestry Option (26 total hours)

Option Requirements: 25 hours

NRM 4031 Registered Foresters Test Prep
NRM 2042 Forest Inventory
NRM 3053 Forest Ecology and Tree Ecophysiology
NRM 3074 Silviculture
NRM 3083 Concepts in Watershed Management
NRM 3091 Forest Herbicides
NRM 4023 Wildlife Habitat Management
NRM 4053 Forest Management
NRM 4072 Wood Structure and Forest Products
NRM 4084 Forest Health

Free Electives: 13 hours

Wildlife Management and Conservation Option (36 total hours)

Option Requirements: 36 hours

One of the following pairs of courses not previously taken:

BIOL 1153 General Zoology and
BIOL 2161 General Zoology Lab
or
BIOL 2143 General Botany and
BIOL 2171 General Botany Lab

BIOL 3434 Regional Flora
NRM 2032 Wildlife Conservation and Management
NRM 3074 Silviculture
NRM 3101 Methods in Wildlife Conservation and Management
NRM 4023 Wildlife Habitat Management
NRM 4093 Applied Quantitative Wildlife Population Ecology
NRM 4103 Wetland Ecology and Management

Two of the following courses:

BIOL 3384 Herpetology
BIOL 3394 Ichthyology
BIOL 3524 Ornithology
BIOL 3413 Mammalogy and
BIOL 3451 Mammalogy Lab

Select one of the following, not previously taken:

BIOL 3384 Herpetology
BIOL 3394 Ichthyology
BIOL 3524 Ornithology
BIOL 3413 Mammalogy and
BIOL 3451 Mammalogy Laboratory
BIOL 3574 Comparative Anatomy
BIOL 3594 Invertebrate Zoology
BIOL 4594 Waterfowl Ecology
BIOL 4634 Vertebrate Physiology
BIOL 4724 Aquatic Biology

Free Electives: 3 hours

Geospatial Science Option (34 total hours)

Option Requirements: 24 hours

CIS	3443	Object-Oriented Programming Language
CIS	4623	Database Management Systems
GIS	3113	Advanced Geographic Information Systems (GIS)
GIS	3123	Remote Sensing
GIS	4123	Global Navigation Satellite Systems

One of the following courses:

CIS	3243	Introduction to Java Programming
CIS	3433	Introduction to C# Programming

NRM or SURV Electives: 6 hours at the 3000-4000 level

Free Electives: 15 hours

Communications in Natural Resources (34 total hours)

Option Requirements: 30 hours

COMM	2223	Modern Media Literacy
COMM	2273	Argumentation and Debate
COMM	3033	Communication Writing
COMM	4653	Theories of Human Communication

Select 6 courses from the following:

COMM	3013	Newswriting
COMM	3483	Communication in Small Groups
COMM	3453	Persuasion
COMM	3513	Introduction to Oral Interpretation
COMM	3533	Communication in Organizations
COMM	4033	Editing
COMM	4623	Seminar in Communications
COMM	4663	Performance Studies

Free Electives: 9 hours

Environmental Science Option (34 total hours)

Option Requirements: 25 hours

ESCI	3493	Environmental Science
NRM	3083	Concepts in Watershed Management

Select 19 hours from the following, 16 hours at 3000+ level:

AGEC	4823	Economics of Environmental Management
AGEN	2263	Soil and Water Conservation
BIOL	3434	Regional Flora
CHEM	1113	General Chemistry II and
CHEM	1131	General Chemistry II Lab
CHEM	2203	Intro. to Organic & Biochemistry and
CHEM	2211	Intro. to Organic and Biochemistry Lab
CHEM	3404	Organic Chemistry I
CHEM	3414	Organic Chemistry II
COMM	3483	Communication in Small Groups
COMM	3533	Communication in Organizations
GIS	3113	Advanced Geographic Information Systems (GIS)
GIS	3123	Remote Sensing
NRM	4084	Forest Health
NRM	4103	Wetland Ecology and Management

Free Electives: 14 hours

Bachelor of Science in Agriculture

Total Credit Hours: 120

University General Education Requirements: 35 hours

Major Course Requirements for All Options: 21 hours

ANSC	1003	Principles of Animal Science
AGRO	1033	Principles of Field Crops
AGRI	1101	Agriculture Orientation
AGRO	2244	Soils
AGEC	2273	Agricultural Economics
AGRI	4771	Seminar

One of the following courses:

AGRO	2053	Applied Plant Pathology
AGRO	3533	Introduction to Weed Science
ENTO	2283	Applied Entomology

One of the following courses:

AGEC	4623	Farm Management
AGEC	4803	Agribusiness Firm Management

Agri-Business Option

Option and Supportive Requirements: 73/75 Hours

CHEM	1103	General Chemistry I
CHEM	1113	General Chemistry II
CHEM	1121	General Chemistry I Lab
CHEM	1131	General Chemistry II Lab
MATH	1043	College Algebra

One of the following pairs of courses:

BIOL	2153	General Zoology and
BIOL	2161	General Zoology Lab
		or
BIOL	2143	General Botany and
BIOL	2171	General Botany Lab

BIOL	1063	Introduction to Biological Science
BIOL	1071	Biological Sciences/Principles of Biology I Lab
ECON	2203	Principles of Macroeconomics
ACCT	2213	Principles of Financial Accounting
ENGL	3253	Technical Writing
GB	2533	Legal Environment of Business
AGEC	4683	Commodity Marketing
AGEC	4713	Agricultural Finance

One of the following courses:

AGEC	4703	Contract Marketing and Futures Trading
AGEC	4813	Agricultural Price Analysis

Three of the following courses:

AGEC	4613	Agricultural Policy
AGEC	4823	Economics of Environmental Management
AGEC	4803	Agribusiness Firm Management*
AGEC	4623	Farm Management*
AGRI	4783	Internship

(*Cannot also satisfy core requirement)

One of the following courses:

FIN	3413	General Insurance
FIN	3483	Real Estate Principles
FIN	4683	Real Estate Finance
MGMT	3473	Principles of Management
MKT	3403	Principles of Marketing

One of the following courses:

ANSC	2213	Feeds and Feeding
AGEN	2263	Soil & Water Conservation
HORT	2443	Principles of Horticulture

One of the following courses:

ECON	2113	Business Statistics I
PSY	2203	Statistical Methods

Two of the following courses:

ANSC	3463	Poultry Production
ANSC	3474	Beef Production
ANSC	3493	Swine Production
ANSC	3523	Horse Production

Two of the following courses:

AGRO	3453	Forage Crops
AGRO	3503	Cereal Crops
AGRO	3513	Fiber and Oilseed Crops

Animal Science Option

Option and Supportive Requirements: 66/67 hours

BIOL	1063	Introduction to Biological Science
BIOL	1071	Biological Sciences/Principles of Biology I Lab
BIOL	2153	General Zoology
BIOL	2161	General Zoology Lab
BIOL	3553	Microbiology
BIOL	3561	Microbiology Lab
CHEM	1103	General Chemistry I
CHEM	1121	General Chemistry I Lab
CHEM	1113	General Chemistry II
CHEM	1131	General Chemistry II Lab
CHEM	2203	Introduction to Organic and Biochemistry
ENGL	3253	Technical Writing
MATH	1043	College Algebra
PSY	2203	Statistical Methods
AGRO	3453	Forage Crops
ANSC	2213	Feeds and Feeding
ANSC	2223	Anatomy and Physiology of Domestic Animals
ANSC	3413	Livestock Breeding and Genetics
ANSC	3474	Beef Production

Two of the following courses:

ANSC	3463	Poultry Production
ANSC	3493	Swine Production
ANSC	3523	Horse Production

ANSC	4633	Animal Metabolism and Nutrition
ANSC	4643	Diseases of Domestic Animals
ANSC	4653	Reproduction of Farm Animals

One of the following courses:

AGEC	4683	Commodity Marketing
AGEC	4703	Contract Marketing and Futures Trading

General Agriculture Option

Option and Supportive Course Requirements: 73/74 Hours

CHEM 1103 General Chemistry I
CHEM 1121 General Chemistry I Lab
CHEM 1113 General Chemistry II
CHEM 1131 General Chemistry II Lab

One of the following pairs of courses:

BIOL 2153 General Zoology and
BIOL 2161 General Zoology Lab

or

BIOL 2143 General Botany and
BIOL 2171 General Botany Lab

PSY 2203 Statistical Methods

or

ECON 2113 Business Statistics I

BIOL 1063 Introduction to Biological Science
BIOL 1071 Biological Sciences/Principles of Biology I Lab
ENGL 3253 Technical Writing
MATH 1043 College Algebra

Four of the following courses:

AGEN 2263 Soil and Water Conservation
AGRO 2053 Applied Plant Pathology*
ANSC 2213 Feeds and Feeding
ANSC 2223 Anatomy and Physiology of Domestic Animals
ENTO 2283 Applied Entomology*
HORT 2443 Principles of Horticulture

(*Cannot also satisfy core requirement)

Four of the following courses:

AGRO 3453 Forage Crops
AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
AGRO 3533 Introduction to Weed Science*
AGRO 4743 Soil Fertility
AGRO 4753 Crop Physiology

(*Cannot also satisfy core requirement)

Four of the following courses:

ANSC 3463 Poultry Production
ANSC 3474 Beef Production
ANSC 3493 Swine Production
ANSC 3523 Horse Production
ANSC 4633 Advanced Animal Nutrition
ANSC 4653 Reproduction of Farm Animals

Four of the following courses:

AGEC 4613 Agricultural Policy
AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing and Futures Trading
AGEC 4713 Agricultural Finance
AGEC 4803 Agribusiness Firm Management
AGEC 4813 Agricultural Price Analysis
AGEC 4823 Economics of Environmental Management

Plant and Soil Science Option

Option and Supportive Requirements: 68 Hours

CHEM 1103 General Chemistry I
CHEM 1121 General Chemistry I Lab
CHEM 1113 General Chemistry II
CHEM 1131 General Chemistry II Lab
BIOL 1063 Introduction to Biological Science
BIOL 1071 Biological Sciences/Principles of Biology I Lab
ESCI 1063 Elements of Geology
BIOL 2143 General Botany
BIOL 2171 General Botany Lab
MATH 1043 College Algebra
CHEM 2203 Introduction to Organic and Biochemistry
PSY 2203 Statistical Methods
ENGL 3253 Technical Writing
HORT 2443 Principles of Horticulture
AGEN 2263 Soil and Water Conservation
AGRO 3453 Forage Crops
AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
BIOL 3553 Microbiology
BIOL 3561 Microbiology Lab
AGEC 4613 Agricultural Policy
AGRO 4743 Soil Fertility
AGRO 4753 Crop Physiology

Two of the following courses:

ENTO 2283 Applied Entomology*
AGRO 2053 Applied Plant Pathology*
AGRO 3533 Introduction to Weed Science*

(*Cannot also satisfy core requirement)

One of the following courses:

AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing and Futures Trading

Site Specific Management Option

Option and Supportive Course Requirements: 58 hours

CHEM 1103 General Chemistry I
CHEM 1121 General Chemistry I Lab
CHEM 1113 General Chemistry II
CHEM 1131 General Chemistry II Lab
BIOL 1063 Introduction to Biological Science
BIOL 1071 Biological Sciences/Principles of Biology I Lab
BIOL 2143 General Botany
BIOL 2171 General Botany Lab
MATH 1043 College Algebra
ENGL 3253 Technical Writing
AGRI 3003 Agriculture Technology and Utilization
AGRO 3013 Introduction to Precision Agriculture
AGEC 4633 Site Specific Farm Management

One of the following courses:

PSY 2203 Statistical Methods
GB 2113 Business Statistics I

One of the following courses:

AGRO 2053 Applied Plant Pathology*
ENTO 2283 Applied Entomology*
AGRO 3533 Introduction to Weed Science*
AGEN 2263 Soil and Water Conservation

(*Cannot also satisfy core requirement)

Three of the following courses:

AGRO 3453 Forages
AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
AGRO 3533 Introduction to Weed Science*
AGRO 3753 Crop Physiology

(*Cannot also satisfy core requirements)

One of the following courses:

AGEC 4623 Farm Management*
AGEC 4803 Agribusiness Firm Management*

(*Cannot also satisfy core requirements)

Three of the following courses:

AGEC 4613 Agricultural Policy
AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing and Futures Trading
AGEC 4713 Agricultural Finance
AGEC 4813 Agricultural Price Analysis
AGEC 4823 Economics of Environmental Management

Agri-Business Minor 18 hours

One of the following courses:

AGEC 2273 Agricultural Economics
ECON 2213 Principles of Microeconomics

Fifteen hours from the following courses:

AGEC 4613 Agricultural Policy
AGEC 4623 Farm Management
AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing and Futures Trading
AGEC 4713 Agricultural Finance
AGEC 4803 Agribusiness Firm Management
AGEC 4813 Agricultural Price Analysis
AGEC 4823 Economics of Environmental Management

Animal Science Minor: 18/19 hours

ANSC 1003 Principles of Animal Science

One of the following courses:

ANSC 2213 Feeds and Feeding
ANSC 2223 Anatomy and Physiology of Domestic Animals

Four of the following courses:

ANSC 3413 Livestock Breeding and Genetics
ANSC 3463 Poultry Production
ANSC 3474 Beef Production
ANSC 3493 Swine Production
ANSC 3523 Horse Production
ANSC 4633 Animal Metabolism and Nutrition
ANSC 4643 Diseases of Domesticated Animals
ANSC 4653 Reproduction of Farm Animals

Plant and Soil Science Minor: 19 hours

AGRO 1033 Principles of Field Crops
AGRO 2244 Soils

Four of the following courses:

AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
AGRO 3533 Introduction to Weed Science

AGRO 3453 Forage Crops
AGRO 4743 Soil Fertility
AGRO 4753 Crop Physiology

Agriculture Minor - 25/26 hours

AGEC 2273 Agricultural Economics
AGRO 1033 Principles of Field Crops
AGRO 2244 Soils
ANSC 1003 Principles of Animal Science
ENTO 2283 Applied Entomology
HORT 2443 Principles of Horticulture
One of the following courses:
AGEN 2263 Soil and Water Conservation
AGRO 2053 Applied Plant Pathology
ANSC 2213 Feeds and Feeding
One of the following courses:
AGRO 3453 Forage Crops
AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
One of the following courses:
ANSC 3463 Poultry Production
ANSC 3474 Beef Production
ANSC 3493 Swine Production

Bachelor of Science in Land Surveying

Total Credit Hours: 120

University General Education Requirements: 35 hours

Composition: 6 hours
ENGL 1013 Composition I
ENGL 1023 Composition II
Communication: 3 hours
One of the following courses:
COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech
Mathematics: 3 hours
MATH 1043 College Algebra
Science with Labs: 8 hours
ESCI 1063 Elements of Geology and
ESCI 1051 Elements of Geology Lab
or
ESCI 1073 Earth and Atmosphere and
ESCI 1081 Earth and Atmosphere Lab
or
CHEM 1023 Intro. to Chemistry and
CHEM 1031 Intro. to Chemistry Lab
or
CHEM 1103 General Chemistry I and
CHEM 1121 General Chemistry I Lab
and
PHYS 1003 Elements of Physics and
PHYS 1021 Elements of Physics Lab
or
PHYS 2203 College Physics I and
PHYS 2231 College and University Physics Lab I
Fine Arts and Humanities: 6 hours
One of the following courses:
ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
MUS 1113 Music Appreciation
One of the following courses:
ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II
Social Sciences: 3 hours
One of the following courses:
PSCI 2213 American National Government
HIST 2213 American History I
HIST 2223 American History II
Additional Social Sciences: 6 hours
ECON 2213 Principles of Microeconomics
One of the following courses:
ANTH 2203 Cultural Anthropology
CJ 1013 Introduction to Criminal Justice
GEOG 2213 General Geography I
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
SWK 2123 Introduction to Social Work

Major Requirements: 43 hours

GIS	2014	Introduction to GIS, GPS, and Remote Sensing
GIS	3113	Advanced Geographic Information Systems (GIS)
GIS	3123	Remote Sensing
GIS	4123	Global Navigation Satellite Systems
SURV	1001	Introduction to Surveying
SURV	2014	Boundary Surveying
SURV	2202	Coordinate Systems
SURV	2201	Cartographic Design and Drafting
SURV	2114	Plane Surveying
SURV	3153	Survey Plats and Deeds
SURV	3264	Route and Construction Surveying
SURV	4183	Law and Professionalism in Geomatics
SURV	4454	Advanced Surveying
SURV	4884	Surveying Practicum

Supportive Requirements: 29-31 hours

CIS	2203	Programming Logic and Design
CIS	2223	Microcomputer Applications
ENGL	3253	Technical Writing
MATH	1003	Trigonometry

One of the following courses;

MATH	1073	Compact Calculus
MATH	2255	Calculus I

MGMT	3473	Principles of Management and Organizational Behavior
NRM	2052	Dendrology
NRM	3063	Biometrics in Natural Resources

One of the following courses:

CIS	4623	Ethics in Information Technology
COMM	3483	Communication in Small Groups
GB	2533	Legal Environment of Business
GB	3493	Business Ethics
PHIL	3523	Logic
PSCI	3433	Public Administration

One of the following courses:

CIS	3103	Advanced Microcomputer Applications
CIS	3243	Introduction to Java Programming
CIS	3433	Introduction to C# Programming
CIS	3443	Object-oriented Programming Language

Electives: 11-13 hours

Associate of Applied Science in Forest Technology

Total Credit Hours: 60

University General Education Requirements: 15 hours

English Composition (6 hours)

ENGL	1013	Composition I
ENGL	1023	Composition II

Mathematics (3 hours)

MATH	1043	College Algebra

Social Sciences (3 hours)

ECON	2213	Principles of Microeconomics

Computer Applications/Technology (3 hours)

CIS	2223	Microcomputer Applications

Technical Area Requirements: 32 hours

CHEM	1023	Introductory Chemistry and
CHEM	1031	Introductory Chemistry Laboratory
GIS	2014	Introduction to GIS, GPS and Remote Sensing
NRM	1001	Introduction to Natural Resources Management
NRM	2033	Soil Science
NRM	2031	Soil Science Laboratory
NRM	2023	Human Dimensions in Natural Resources
NRM	2052	Dendrology
NRM	2063	Natural Resources Communication
NRM	2073	Natural Resource Sampling and Monitoring
NRM	2082	Applications in Natural Resource Sampling and Monitoring
NRM	2093	Fire Management
NRM	3042	Forest Inventory

One of the following:

COMM	1023	Public Speaking
COMM	1043	Honors Speech Communication
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech

Supportive Requirements: 7 hours

FRT	2001	Basic Surveying
FRT	2013	Foundations of Forestry I
FRT	2023	Foundations of Forestry II

Free Electives: 6 hours

Associate of Science in Land Surveying Technology

Total Credit Hours: 64

University General Education Requirements: 35 hours

Composition: 6 hours

ENGL 1013 Composition I
ENGL 1023 Composition II

Communication: 3 hours

One of the following courses:

COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech

Mathematics: 3 hours

MATH 1043 College Algebra

Science with Labs: 8 hours

ESCI 1063 Elements of Geology and
ESCI 1051 Elements of Geology Lab
or
ESCI 1073 Earth and Atmosphere and
ESCI 1081 Earth and Atmosphere Lab
or
CHEM 1023 Intro. to Chemistry and
CHEM 1031 Intro. to Chemistry Lab
or
CHEM 1103 General Chemistry I and
CHEM 1121 General Chemistry I Lab
and
PHYS 1003 Elements of Physics and
PHYS 1021 Elements of Physics Lab
or
PHYS 2203 College Physics I and
PHYS 2231 College and University Physics Lab I

Fine Arts and Humanities: 6 hours

One of the following courses:

ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
MUS 1113 Music Appreciation

One of the following courses:

ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II

Social Sciences: 9 hours

One of the following courses:

PSCI 2213 American National Government
HIST 2213 American History I
HIST 2223 American History II

Additional Social Sciences: 6 hours

ECON 2213 Principles of Microeconomics

One of the following courses:

ANTH 2203 Cultural Anthropology
CJ 1013 Introduction to Criminal Justice
GEOG 2213 General Geography I
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
SWK 1013 Introduction to Social Work

Other Required Courses (29 hours)

CIS 2223 Microcomputer Applications
GIS 2014 Introduction to GIS, GPS and Remote Sensing
MATH 1033 Trigonometry
SURV 1001 Introduction to Surveying
SURV 2014 Boundary Surveying
SURV 2202 Coordinate Systems
SURV 2201 Cartographic Design and Drafting
SURV 2114 Plane Surveying
SURV 3153 Survey Plat and Deeds
SURV 3264 Route and Construction Surveying

Associate of Science in Natural Resources Management

Total Credit Hours: 60

English Composition (6 hours)

ENGL 1013 Composition I and
ENGL 1023 Composition II
or
ENGL 1033 Honors Composition I and
ENGL 1043 Honors Composition II

Communication (3 hours)

One of the following

COMM 1023 Public Speaking
COMM 1043 Honors Speech Communication
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech

Mathematics (3 hours)

MATH 1043 College Algebra
Science with Labs (8 hours)
CHEM 1103 General Chemistry I and
CHEM 1121 General Chemistry I Laboratory
and
BIOL 2143 General Botany and
BIOL 2171 General Botany Laboratory
or
BIOL 2153 General Zoology and
BIOL 2161 General Zoology Laboratory
Social Sciences (3 hours)
One of the following courses:
PSCI 2213 American National Government
HIST 2213 American History I
HIST 2223 American History II
Fine Arts/Humanities (6 hours)
One of the following courses:
ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation
One of the following courses:
ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II
Other Social Science (6 hours)
ECON 2213 Principles of Microeconomics
One of the following courses:
ANTH 2203 Cultural anthropology
CJ 1013 Introduction to Criminal Justice
GEOG 2213 Geography I
GEOG 2223 Geography II
HIST 1013 World History to 1500
HIST 1023 World History since 1500
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
SWK 1013 Introduction to Social Work
Core Natural Resources Management Requirements: 25 hours
GIS 2014 Introduction to GIS, GPS, and Remote Sensing
MATH 1033 Trigonometry
NRM 2033 Soil Science
NRM 2031 Soil Science Laboratory
NRM 2023 Human Dimensions in Natural Resources
NRM 2052 Dendrology
NRM 2073 Natural Resource Sampling and Monitoring
NRM 2093 Fire Management
NRM 2063 Natural Resources Communication

Associate of Science in Agriculture Degree

The Associate of Science in Agriculture degree consists of 35 hours of General Education courses, 10 hours of Core Agriculture courses, 9 hours of agriculture major supportive electives, and 6 elective credit hours. This degree may serve as a terminal degree for students or as intermediate degree for students enrolled in the agriculture baccalaureate program.

All hours earned at the 1000-level or above in satisfying the Associate of Science degree may be used toward a baccalaureate degree. The requirements for the Associate of Science in Agriculture degree are:

TOTAL HOURS: 60 hours

Required Courses: 35 hours
Composition: 6 Credit Hours
ENGL 1013 Composition I
ENGL 1023 Composition II
Mathematics: 3 Credit Hours
MATH 1043 College Algebra
Communication: 3 Credit Hours
Choose one of the following:
COMM 1023 Public Speaking
COMM 2283 Business & Professional Speech
COMM 2203 Interpersonal Communication
Humanities: 3 Credit Hours
Choose one of the following:
ENGL 2283 World Literature I
ENGL 2293 World Literature II
Fine Arts: 3 Credit Hours
Choose one of the following:
ART 1053 Art Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation
Social Sciences: 9 Credit Hours
Choose one of the following (3 hours):
HIST 2213 American History I

HIST	2223	American History II
PSCI	2213	American National Government

Choose two courses from two different disciplines from the following (6 hours):

ANTH	2203	Cultural Anthropology
CJ	1013	Introduction to Criminal Justice
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
GEOG	2213	Geography I
GEOG	2223	Geography II
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology
SWK	2123	Introduction to Social Work

Laboratory Sciences: 8 Credit Hours

Eight hours from two 3-hour lecture courses with associated 1-hour labs, or two 4-hour courses with integrated labs chosen from the following disciplines:

Biological Science
Earth Science
Chemistry
Physics

Core Agriculture Courses: 10 hours

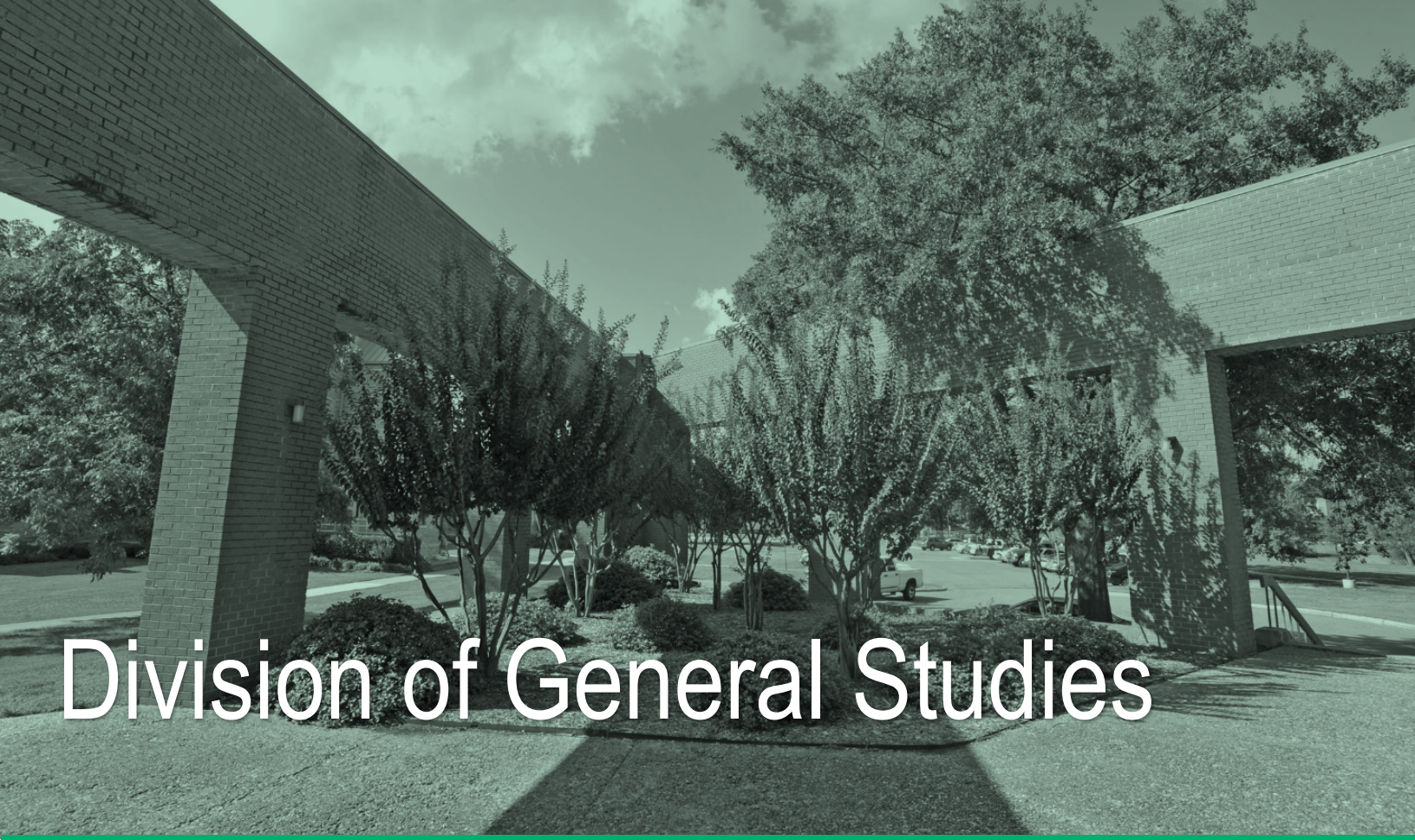
AGRI	1101	Agriculture Orientation
AGEC	2273	Agricultural Economics
ANSC	1003	Principles of Animal Science
AGRO	1033	Principles of Field Crops

Electives: 15 hours

All elective courses must be at the 1000-level or above.

Nine hours of electives must be selected from courses that begin with the following prefixes: AGEC, AGEN, AGRI, AGRO, ANSC, BIOL, CHEM, ENTO, ESCI, HORT, MATH, or PHYS.

Six elective hours can be any 1000-level or above course selected by the student and his/her academic advisor.



Division of General Studies

Location: Administration Building
Telephone: (870) 460-1032 / Fax: (870) 460-1933
Mailing Address: P.O. Box 3478, Monticello, AR 71656
Email: academic_affairs@uamont.edu
Website: http://www.uamont.edu/pages/department/division-general-studies/

Mission/Goals

The mission of General Education is to provide a foundation of sustained lifelong learning. The program is designed to help the student develop the abilities to reason critically, analyze objectively, think creatively, perceive assumptions, make judgments on the basis of values, construct arguments, use evidence, and communicate and observe effectively. General Education enhances the specific skills of reading, writing, computation, comprehension, listening, and speaking. The program instills an appreciation and understanding of the creative, intellectual, social, and scientific forces which shape history and guide lives.

Student Learning Outcomes

When General Education is successfully completed, the student should be prepared to:

- Communicate effectively in social, academic, and professional contexts using a variety of means, including written, oral, quantitative, and/or visual modes as appropriate to topic, audience, and discipline.
- Demonstrate critical thinking in evaluating all forms of persuasion and/or ideas, in formulating innovative strategies, and in solving problems.
- Demonstrate sensitivity to and understanding of diversity issues pertaining to race, ethnicity, and gender and be capable of anticipating how their actions affect campus, local, and global communities.
- Work collaboratively to reach a common goal and demonstrate the characteristics of productive citizens.

The Division of General Studies is to serve as the academic and administrative unit for all students who are undecided about a major field of study. Academic advisors assist students in satisfying the general education requirements, the requirements for admission into a major, and/or requirements for an associate's degree or baccalaureate of applied science or general studies degree.

The following associate degrees are offered:
Associate of Arts
Associate of Applied Science
- Advanced Manufacturing Technology
- General Technology
- Industrial Technology

The following baccalaureate degrees are offered:
Bachelor of Applied Science
Bachelor of Interdisciplinary Studies

Associate of Arts Degree

The Associate of Arts degree consists of 35 hours of General Education courses and 25 elective credit hours. This degree may serve as a terminal degree for students or as an intermediate degree for students enrolled in a baccalaureate program. All hours earned at the 1000-level or above in satisfying the Associate of Arts degree may be used toward a baccalaureate degree. The requirements for the Associate of Arts degree are:

TOTAL HOURS: 60 hours

Required Courses: 35 hours

ENGL	1013	Composition I
ENGL	1023	Composition II

One of the following courses:

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech

Choose one of the following:

ENGL	2283	Survey of World Literature I
ENGL	2293	Survey of World Literature II
ENGL	3403	American Literature I
ENGL	3413	American Literature II
ENGL	3423	British Literature I
ENGL	3433	British Literature II
FREN	1003	Elementary French I
FREN	1013	Elementary French II
FREN	2203	Intermediate French I
FREN	2213	Intermediate French II
PHIL	2223	Introduction to Philosophy
PHIL	3523	Logic
SPAN	1003	Elementary Spanish I
SPAN	1013	Elementary Spanish II
SPAN	2203	Intermediate Spanish I
SPAN	2213	Intermediate Spanish II

Choose one of the following (3 hours):

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Social Sciences: 9 hours
Choose two courses from two different disciplines from the following 6 hours):

ANTH	2203	Cultural Anthropology
CJ	1013	Introduction to Criminal Justice
ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics
GEOG	2213	General Geography I
GEOG	2223	General Geography II
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
PSCI	2223	State Government of Arkansas
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology
SOC	2223	Social Problems

Laboratory Sciences

Choose two 3-hour lecture courses with associated 1-hour labs or two 4-hour courses with integrated labs from the following disciplines:
- Biological Sciences
- Chemistry
- Earth Sciences
- Physics

One of the following:
- Any MATH 1000-level or above

Electives: 25 hours

All elective courses must be at the 1000-level or above. In addition, 15 hours of electives must be selected from courses that begin with the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, FA, FREN, GEOG, HIST, MATH, MUS, PHIL, PHYS, PSCI, PSY, SOC, SPAN, SWK, or courses that are listed on the Arkansas Department of Higher Education, Arkansas Course Transfer System website (www.adhe.edu/students) Click on Arkansas Course Transfer System. Ten elective hours can be any 1000-level or above course selected by the student and his/her academic advisor.

Associate of Applied Science Degree

The Associate of Applied Science degree is offered in the following areas. For complete details of each Associate of Applied Science major field, please see the division or school indicated for specific technical courses required to complete the degree.

1. Advanced Manufacturing Technology - UAM College of Technology at Crossett
2. Crime Scene Investigation - School of Social and Behavioral Sciences
3. General Technology - Two options are listed below. See the UAM College of Technology at Crossett and UAM College of Technology at McGehee for technical coursework
4. Forest Technology - School of Forestry and Natural Resources
5. Industrial Technology - UAM College of Technology at Crossett
6. Law Enforcement Administration - School of Social and Behavioral Sciences
7. Nursing - School of Nursing

General Technology—Option One

Students seeking the Associate of Applied Science degree in General Technology must complete all requirements for a technical certificate in an approved Arkansas Department of Higher Education technical certificate program. Students must also complete the required 15 hours of general education courses plus additional elective hours (either technical or general education courses) for a total of 60 credit hours.

Required General Education Courses: 15 hours

ENGL 1013 Composition I
ENGL 1023 Composition II
MAT 2213 Advanced Industrial Mathematics or higher
One of the following courses:
CIS 1013 Introduction to Computer-based Systems
CIS 2223 Microcomputer Applications
One of the following courses, appropriate for the field of study:
ECON 2203 Principles of Macroeconomics
ECON 2213 Principles of Microeconomics
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
HIST 2213 American History I
HIST 2223 American History II
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
PSCI 2213 American National Government
Required Technical Courses: See School or Division indicated above.
All of the general education courses may be applied toward a baccalaureate degree at UAM or transferred to another university.

General Technology—Option Two

Students seeking the Associate of Applied Science Degree in General Technology must complete 24 hours in a major technical area and 21 hours in technical core support courses from other related technical disciplines and 15 hours of required general education courses. With the approval of the academic advisor or unit head and the Vice Chancellor of Academic Affairs, the student may select courses from one or more technical disciplines and develop a coherent technical program that prepares the student for employment in occupational and technical fields.

Required General Education Courses: 15 hours

ENGL 1013 Composition I
ENGL 1023 Composition II
MAT 2213 Advanced Industrial Mathematics or higher
One of the following courses:
CIS 1013 Introduction to Computer-based Systems
CIS 2223 Microcomputer Applications
One of the following courses, appropriate for the field of study:
ECON 2203 Principles of Macroeconomics
ECON 2213 Principles of Microeconomics
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
HIST 2213 American History I
HIST 2223 American History II
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
PSCI 2213 American National Government
Required Technical Courses: See School or Division indicated below.

All of the general education courses may be applied toward a baccalaureate degree at UAM or transferred to another university. See the Technical Programs section of this catalog for a listing and description of technical courses required to complete this degree.

Bachelor of Applied Science Degree

The Bachelor of Applied Science degree is structured for students who have completed or will have completed a technical career focus or who have obtained an associate of science, associate of applied science, or associate of general technology degree. The program requires additional studies in general education and other academic and professional core courses.

Degree requirements include the following:

(1) Completion of an ADHE approved Associate of Science, Associate of Applied Science, Associate of Applied Technology, or Associate of Applied Science in General Technology with at least a 2.00 grade point average. The approval of specific programs or the transferability of credits toward the B.A.S. degree rests with the Vice Chancellor for Academic Affairs of the University. NOTE: Any developmental coursework (e.g., Fundamentals of English, Introduction to Algebra, Intermediate Algebra) taken in fulfilling the requirements of a technical program cannot be applied toward the B.A.S. degree.

(2) Completion of the University's 35-hour general education curriculum. General education courses at the 1000-level or above which are taken to fulfill the requirements of an approved associate degree program may also be applied toward the B.A.S. degree.

(3) Completion of a prescribed academic and professional core

(4) Completion of a minimum of 120 total hours at the 1000-level or above, of which at least 40 hours must be 3000-4000 level courses.

(5) Achievement of a minimum 2.00 cumulative grade point average.

Total Credit Hours: 120

Technical, occupational, and technical support hours taken in completing an approved Associate of Science, Associate of Applied Science, Associate of Applied Technology, or Associate of Applied Science in General Technology degree program: 45 hours.

See the Technical Programs section in this catalog to preview the available programs at Crossett and McGehee; see the College of Forestry, Agriculture and Natural Resources section to preview the A.S. in Land Surveying Technology; see the School of Nursing section to preview the A.A.S. in Nursing; see the School of Social and Behavioral Sciences chapter to preview the A.A.S. in Crime Scene Investigation and the A.A.S. in Law Enforcement Administration.

A student who has completed an appropriate degree or appropriate credit hours at an accredited community or technical college may apply the transfer work toward the degree requirements. The Vice Chancellor for Academic Affairs of the University has responsibility for approving specific programs or the transferability of credits toward the B.A.S. degree.

General Education Requirements: 35 hours

English Composition: 6 hours

ENGL 1013 Composition I
ENGL 1023 Composition II

Mathematics: 3 hours

One of the following courses:

MATH 1003 Quantitative Literacy
MATH 1103 Quantitative Literacy with Review

Communication: 3 hours

One of the following courses:

COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech

Fine Arts: 3 hours

One of the following courses:

ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation

Humanities: 3 hours

Choose one of the following:

ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II

Social Sciences: 9 hours

One of the following courses:

HIST 2213 American History I
HIST 2223 American History II
PSCI 2213 American National Government

Two courses from two different disciplines from the following courses (6 hours):

ANTH 2203 Cultural Anthropology
CJ 1013 Introduction to Criminal Justice (1)
ECON 2203 Principles of Macroeconomics
ECON 2213 Principles of Microeconomics
GEOG 2213 General Geography I
GEOG 2223 General Geography II
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
PSY 1013 Introduction to Psychology (2)
SOC 2213 Introduction to Sociology (3)
SWK 2123 Introduction to Social Work (4)

(1) Recommended if student plans to use CJ course in the professional core.
(2) Recommended if student plans to use PSY course in the professional core.
(3) Recommended if student plans to use SOC course in the professional core.
(4) Recommended if student plans to use SWK course in the professional core.
Sciences with labs: 8 hours
Choose eight hours from two 3-hour lecture courses with associated 1-hour labs or two 4-hour courses with integrated labs chosen from the following disciplines:

- Biological Sciences
- Chemistry
- Earth Sciences
- Physics

Academic and Professional Core <u>required</u> courses: 15 hours

One of the following courses:

- MKT 3403 Principles of Marketing
- COMM 3453 Persuasion

One of the following courses:

- MGMT 3463 Leadership
- MGMT 3473 Principles of Management

One of the following courses:

- SOC 3453 Race and Ethnic Relations
- COMM 3413 Intercultural Communication

One of the following courses:

- COMM 3033 Communication Writing
- ENGL 3253 Technical Writing and Communication

One of the following courses:

- CIS 4263 Ethics in Information Technology
- GB 3493 Business Ethics
- PHIL 3623 Ethics

Nine courses (27 credit hours) appropriate for your academic, professional and career goals from <u>at least two</u> different groups below. Courses taken as a part of the Academic and Professional Core will not count toward this requirement.

Communications:

COMM 3033 Communication Writing
COMM 3413 Intercultural Communication
COMM 3453 Persuasion
COMM 3483 Communication in Small Groups
COMM 3533 Communication in Organizations

Computer Information Systems:

CIS 3103 Advanced Microcomputer Applications
CIS 3453 World Wide Web Programming
CIS 4253 Cybersecurity
CIS 4263 Ethics in Information Technology

Criminal Justice: Any 3000-4000-level course

Education:

EDUC 3563 Effective Instructional and Management Strategies
EDUC 3573 Classroom Management
EDUC 3583 Assessment Techniques
EDUC 4613 Education Field Study
SPED 3413 Teaching and Assessing Students with Exceptional Needs

Finance and General Business:

FIN 3413 General Insurance
FIN 4683 Real Estate Finance
GB 3353 International Business
GB 3443 Special Topic
GB 4333 Fraud Examination
GB 4363 Topics in E-Commerce

Management:

MGMT 3453 Industrial Relations
MGMT 3463 Leadership
MGMT 3473 Principles of Management
MGMT 4613 Management Information Systems
MGMT 4633 Human Resource Management* *(MGMT 3473 prerequisite)
MGMT 4643 Production/Operations Management
MGMT 4663 Organization Behavior and Theory
MGMT 4673 Global Organizational Behavior and Theory

Marketing:

MKT 3403 Principles of Marketing
MKT 3443 Selling and Sales Administration
MKT 3453 Marketing Communication
MKT 3463 Consumer Behavior
MKT 3483 Channels of Distribution
MKT 3513 International Marketing
MKT 4473 Special Topic

Political Science:

PSCI 3403 American Political Parties
PSCI 3413 Constitutional Criminal Procedures
PSCI 3433 Public Administration
PSCI 3443 Middle East Politics
PSCI 4603 The American Presidency

Psychology:

PSY	3253	Adolescent Psychology
PSY	3413	The Psychology of Learning
PSY	3433	Child Development
PSY	3443	Developmental Psychology
PSY	3463	Principles of Guidance and Counseling
PSY	3473	Human Sexuality
PSY	4623	Psychology of Personality
PSY	4673	Abnormal Psychology

Electives at the 1000-level or above, non-technical courses, to reach 120 hours. The number of electives will depend on the technical course of study the student has received.

Bachelor of Interdisciplinary Studies

The Bachelor of Interdisciplinary Studies (BIS) degree is designed to allow curricular flexibility for students who desire to pursue coursework in more than one area of interest and allows students to customize their education toward their particular goals and plans for employment or advanced study. This degree in itself leads to no specific licensure or certification. Students seeking licensure or certification in their chosen field should consult an academic advisor in that area. The transcript and diploma for this degree reads "Bachelor of Interdisciplinary Studies" with no major, minor, or theme designation.

The BIS degree requires a minimum of 120 hours of college credit at the 1000-level or above. At least 40 hours must be at the 3000-4000 level.

Specific degree requirements are:

1. Completion of the University's 35-hour general education curriculum.
2. Completion of the UST 4001 Interdisciplinary Studies Capstone or a discipline-specific capstone course.
3. Completion of one primary theme and one secondary theme. Courses completed in any theme may not be used to fulfill other degree requirements.
4. Completion of 30 or fewer elective hours to reach the minimum 120 hours required for the degree. Any necessary prerequisites for chosen theme requirements may be used to fulfill the electives category. The student should consider required prerequisites when making elective course selections.
5. Achievement of a minimum 2.00 grade point average in each theme and overall.
6. Fulfillment of the University's residency requirement.

To declare a major in Bachelor of Interdisciplinary Studies, the student must have completed at least 45 hours at the 1000-level or above. The form for changing the major to Bachelor of Interdisciplinary Studies may be completed and submitted at the Office of Academic Affairs. Once the form is processed, the student may be assigned a professional academic advisor. Any student who declares a major in Bachelor of Interdisciplinary Studies and then later decides to opt for a different baccalaureate degree will be required to fulfill all requirements (including major, minor) for the selected degree. Completion of one or more themes for the Bachelor of Interdisciplinary Studies degree does not necessarily satisfy completion of a major or minor from that theme.

Requirements for Bachelor of Interdisciplinary Studies degree:

General Education Core - 35 hours

English Composition: 6 Hours

ENGL	1013	Composition I and
ENGL	1023	Composition II

Mathematics: 3 Hours

One of the following courses:

MATH	1003	Quantitative Literacy
MATH	1043	College Algebra
Mathematics Course 1000-level or above		

Communication: 3 Hours

One of the following courses:

COMM	1023	Public Speaking
COMM	2283	Business and Professional Speaking
COMM	2203	Interpersonal Communication
NRM	2063	Natural Resources Communication

Fine Arts: 3 Hours

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

Humanities: 3 Hours

Any literature course
Any philosophy course
Any foreign language course

U.S. History of Government: 3 Hours

One of the following courses:

HIST	2213	American History I

HIST 2223 American History II
PSCI 2213 American National Government

Social Sciences: 6 Hours

Two courses from two different disciplines from the following:

ANTH 2203 Cultural Anthropology
ANTH 2213 North American Indians
ANTH 2223 World Prehistory
ANTH 2233 Arkansas Regional Archeology
ANTH 2243 Sex, Gender, and Culture
ANTH 2253 Intro to Archeology
CJ 1013 Introduction to Criminal Justice
CJ 2293 Law and Society (same as PSCI 2293)
ECON 2203 Principles of Macroeconomics
ECON 2213 Principles of Microeconomics
GEOG 2213 General Geography I
GEOG 2223 General Geography II
HIST 1013 World History to 1500
HIST 1023 World History Since 1500
PSCI 2223 State Government Arkansas
PSCI 2233 Comparative Politics
PSCI 2293 Law and Society (same as CJ 2293)
PSCI 2353 World Politics
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
SOC 2223 Social Problems
SWK 1003 Survey of Social Work

Basic Sciences: 8 Credit Hours

Choose two 3-hour lecture courses with associated 1-hour labs or two 4-hour courses with integrated labs from the following disciplines:

Biological Science
Earth Science
Chemistry
Physics

Capstone - 1 hour

UST 4001Interdisciplinary Studies Capstone
OR
Discipline-specific Capstone

Theme(s) - 54 hours

With the assistance of his/her advisor, a student selects a primary theme and a secondary theme from the options below. The themes must be different.

Primary theme, 36 hours. A minimum of 15 hours must be from courses with the same prefix and at least 9 of those hours must be upper level (3000-4000). An additional 21 hours must be taken from a combination of prefixes including 9 hours of upper level (3000-4000). Professional Studies theme can only be selected as a secondary theme and the coursework must differ from the dominate discipline found in the student's primary theme.

Primary theme = 36 hours

15 hours	21 hours
Same prefix with 9 hours of upper-level coursework (dominant discipline)	Combination of prefixes with 9 hours of upper-level coursework

Secondary theme, 18 hours. A minimum of 18 hours is required with at least 9 hours at the upper-level (3000-4000). The hours may be a combination of prefixes.

Available themes:

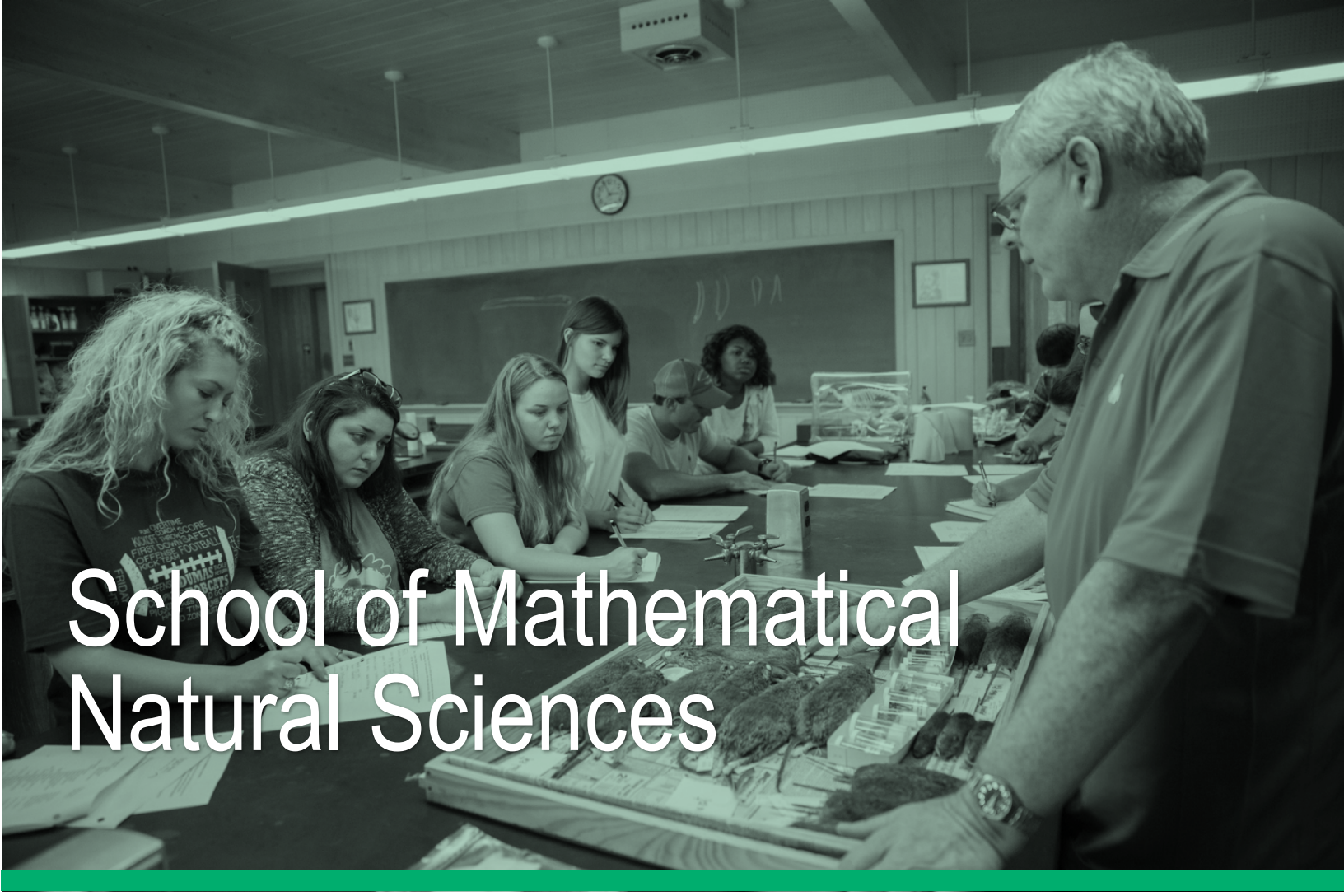
Arts & Humanities	Business Technology	Education	Health Care
Choose courses from: ART, COMM, ENGL, FA, FREN, MODL, MUS, PHIL, PMUS, SPAN	Choose courses from: ACCT, CIS, ECON, FIN, GB, MGMT, MKT, CS	Choose courses from: EDUC, EXSC, MAED, MLED, PE, READ, SCED, SPED	Choose courses from: NURS, BIOL, PSY, SOC

Natural Resources	Math & Science	Social Sciences	Professional Studies
Choose courses from: AGEC, AGRI, AGRO, ANSC, BIOL, ENTO, NRM, SURV	Choose courses from: BIOL, CHEM, CS, ENGR, ESCI, MAED, MATH, PHYS, SCED	Choose courses from: ANTH, CJ, GEOG, HIST, PSCI, PSY, SOC, SWK	Choose a combination of courses that target skills necessary for your chosen field of employment. Coursework must show a variation in discipline from the primary theme. (**secondary only**)

Electives – 30 or fewer hours

NOTE: *The electives must include sufficient 3000-4000 level courses to meet the 40 upper-level hours needed for this degree.*

Total hours – 12



School of Mathematical Natural Sciences

Location: Science Center, Monticello
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Mailing Address: P.O. Box 3480, Monticello, AR 71656
Email: math_sci@uamont.edu
Website: http://www.uamont.edu/pages/department/school-mathematical-and-natural-sciences/

Faculty/Mission

Professors Bramlett (Dean), Bacon, Huang, Hunt, Sims, and Stewart; Associate Professors Abedi (Assistant Dean for Mathematics), Fox, Gavin, Manning, Martin, H. Sayyar, Taylor, and Williams; Assistant Professors Abbott, Blount and Burrows; Instructors Barton, Chappell, Cooper, Goodding, Hatfield, Morgan, K. Sayyar, Stephens, and Walker.

The School of Mathematical and Natural Sciences comprises the disciplines of biology, chemistry, earth science, mathematics, mathematics education, physical science, physics, and science education.

The mission of the School of Mathematical and Natural Sciences is to offer specialization in biology, chemistry, mathematics, and natural science and to provide opportunities for all students to enhance their understanding of science and mathematics. Curricula offered in the School prepare graduates for careers in industry and teaching, for graduate studies, and for admission to professional programs including allied health, dentistry, medicine, optometry, pharmacy, and veterinary medicine.

This mission is fulfilled through the following goals:

1. To provide academic programs which promote the development of professional scientists and mathematicians and provide opportunities for all students to enhance their understanding of the natural sciences and mathematics.

2. To prepare individuals for successful careers in industry and teaching and for graduate studies in science and mathematics.

3. To provide curricula for pre-professional studies in dentistry, medicine, optometry, pharmacy, and allied health (physical therapy, radiological technology, respiratory therapy, medical technology, occupational therapy, and dental hygiene).

4. To provide technical and analytical courses to support studies in agriculture, forestry, nursing, physical education, psychology, and wildlife management.

5. To serve the general education program through courses in biology, chemistry, earth science, mathematics, physics, and physical science that provide a basic background for a baccalaureate degree.

Major and Minor Requirements

All baccalaureate degrees require at least 120 hours of college credit courses at the 1000-level or above. These courses must include the General Education requirements elsewhere in this catalog and at least 40 hours of 3000-4000 level courses.

Biology Major, Bachelor of Science

This major does not require a minor; however, students must complete 40 hours at the 3000-4000 level to be eligible for this degree.

Major Requirements: 38 hours

BIOL 2053 Principles of Biology I
BIOL 1071 Biological Sciences/ Principles of Biology I Lab
BIOL 2083 Principles of Biology II
BIOL 2091 Principles of Biology II Laboratory
BIOL 2143 General Botany
BIOL 2153 General Zoology
BIOL 2161 General Zoology Laboratory
BIOL 2171 General Botany Laboratory
BIOL 3354 Genetics
BIOL 3363 Cell Biology
One of the following: *
BIOL 3484 General Ecology
BIOL 3574 Comparative Anatomy
BIOL 3763 Evolution
BIOL 4634 Vertebrate Physiology
Electives: Four hours of 3000-4000 level biology courses
*Student pursuing a pre-professional plan should take BIOL 3574. All others should take BIOL 3484.

Supportive Requirements: 29-30 hours

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Laboratory
CHEM 1131 General Chemistry II Laboratory
CHEM 3404 Organic Chemistry I
CHEM 3414 Organic Chemistry II
One of the following courses:
MATH 1033 Trigonometry and
MATH 1043 College Algebra
or
MATH 1175 Pre-calculus
or
MATH 2255 Calculus I
One of the following pairs of courses:
PHYS 2203 College Physics I and
PHYS 2213 College Physics II
or
PHYS 2313 University Physics I and
PHYS 2323 University Physics II
PHYS 2231 College and University Physics I Laboratory
PHYS 2241 College and University Physics II Laboratory

Biology Major (Organismal Biology Option)

This major does not require a minor; however, students must complete 40 hours at the 3000-4000 level to be eligible for this degree.

Major Requirements: 41 hours

BIOL 1071 Biological Science/ Principles of Biology I Lab
BIOL 2053 Principles of Biology I
BIOL 2083 Principles of Biology II
BIOL 2091 Principles of Biology II Laboratory
BIOL 2143 General Botany
BIOL 2153 General Zoology
BIOL 2161 General Zoology Laboratory
BIOL 2171 General Botany Laboratory
BIOL 3223 Biological Statistics
BIOL 3354 Genetics
BIOL 3363 Cell Biology
BIOL 3484 Ecology
BIOL 3574 Comparative Anatomy and Laboratory
BIOL 3654 Vertebrate Physiology and Laboratory
BIOL 3763 Evolution
Prescribed Field Courses from the following group: 8 hours
BIOL 3413 Mammalogy
BIOL 3451 Mammalogy Laboratory
BIOL 3524 Ornithology
BIOL 3384 Herpetology
BIOL 3394 Ichthyology
Biology electives: 17 hours (excluding those used as prescribed field courses)
BIOL 3384 Herpetology
BIOL 3394 Ichthyology
BIOL 3413 Mammalogy
BIOL 3423 Plant Morphology
BIOL 3434 Regional Flora

BIOL	3451	Mammalogy Laboratory
BIOL	3503	Marine Biology
BIOL	3511	Marine Biology Laboratory
BIOL	3524	Ornithology
BIOL	358V	Natural History
BIOL	3594	Invertebrate Zoology
BIOL	4594	Waterfowl Ecology
BIOL	4654	Epidemiology/Parasitology
BIOL	4724	Aquatic Biology
BIOL	4734	Animal Behavior
BIOL	4753	Selected Topics in Biology
BIOL	479V	Independent Study
NRM	2052	Dendrology
NRM	2014	Introduction to GIS, GPS, and Remote Sensing

Supportive Requirements: 22 hours

CHEM	1103	General Chemistry I
CHEM	1113	General Chemistry II
CHEM	1121	General Chemistry I Laboratory
CHEM	1131	General Chemistry II Laboratory
CHEM	2203	Introduction to Organic and Biochemistry
CHEM	2211	Introduction to Organic and Biochemistry Laboratory
PHYS	2203	College Physics I
PHYS	2231	College and University Physics I Laboratory
MATH	1043	College Algebra or
MATH	1143	College Algebra with Review *
MATH	1033	Trigonometry

*This course may fulfill the General Education requirement

Biology Minor

Minor Requirements: 22 hours

Choose one of the following three blocks of courses (12 hours):

BLOCK 1

BIOL	2053	Principles of Biology I
BIOL	1071	Biological Sciences/ Principles of Biology I Lab
BIOL	1083	Principles of Biology II
BIOL	2091	Principles of Biology II Laboratory

One of the following pairs of courses:

BIOL	2153	General Zoology and
BIOL	2161	General Zoology Laboratory
		or
BIOL	2143	General Botany and
BIOL	2171	General Botany Laboratory

BLOCK 2

BIOL	2233	Anatomy and Physiology I
BIOL	2291	Anatomy and Physiology I Lab
BIOL	2243	Anatomy and Physiology II
BIOL	2301	Anatomy and Physiology II Lab

One of the following pairs of courses:

BIOL	2153	General Zoology and
BIOL	2161	General Zoology Laboratory
		or
BIOL	2143	General Botany and
BIOL	2171	General Botany Laboratory

BLOCK 3

BIOL	2153	General Zoology
BIOL	2161	General Zoology Laboratory
BIOL	2143	General Botany
BIOL	2171	General Botany Laboratory

One of the following pairs of courses:

BIOL	2053	Principles of Biology I and
BIOL	1071	Biological Sciences/ Principles of Biology I Lab
		or
BIOL	1083	Introduction to Biological Science and
BIOL	1071	Biological Sciences/ Principles of Biology I Lab

Upper-Level Electives: 10 hours of BIOL 3000-4000 courses.

Chemistry Major, Bachelor of Science

Major Requirements: 36-37 hours

CHEM	1103	General Chemistry I
CHEM	1113	General Chemistry II
CHEM	1121	General Chemistry I Laboratory
CHEM	1131	General Chemistry II Laboratory
CHEM	3314	Quantitative Analysis
CHEM	3404	Organic Chemistry I
CHEM	3414	Organic Chemistry II
CHEM	3444	Instrumental Analysis
CHEM	4704	Physical Chemistry: Thermodynamics
CHEM	4714	Physical Chemistry: Kinetics and Quantum Mechanics

One of the following courses:

CHEM	4742	Advanced Laboratory Techniques
CHEM	4611	Chemistry Seminar
CHEM	4691	Senior Research

Electives: Three hours of 3000-4000 level chemistry courses

Supportive Requirements: 23 hours

MATH 2255 Calculus I
MATH 3495 Calculus II
MATH 3545 Calculus III
PHYS 2231 College and University Physics I Laboratory
PHYS 2241 College and University Physics II Laboratory
One of the following pairs of courses:
PHYS 2203 College Physics I and
PHYS 2213 College Physics II
or
PHYS 2313 University Physics I and
PHYS 2323 University Physics II

Chemistry Major, Biochemistry Option, Bachelor of Science

Major Requirements: 35-36 hours

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Laboratory
CHEM 1131 General Chemistry II Laboratory
CHEM 3314 Quantitative Analysis
CHEM 3404 Organic Chemistry I
CHEM 3414 Organic Chemistry II
CHEM 3424 Elements of Physical Chemistry
CHEM 4633 Biochemistry I
CHEM 4643 Biochemistry II
CHEM 4731 Biochemistry Laboratory
CHEM or BIOL 3000-4000 level elective (3 hours)
One of the following courses:
CHEM 4742 Advanced Laboratory Techniques
CHEM 4611 Chemistry Seminar
CHEM 4691 Senior Research
BIOL 4741 Biology Seminar

Supportive Requirements: 38 hours

BIOL 1071 Biological Sciences/Principles of Biology I Lab
BIOL 2053 Principles of Biology I
BIOL 2083 Principles of Biology II
BIOL 2091 Principles of Biology II Laboratory
BIOL 3553 Microbiology
BIOL 3561 Microbiology Laboratory
BIOL 3363 Cell Biology
BIOL 3354 Genetics
MATH 1043 College Algebra or
MATH 1143 College Algebra with Review
MATH 1033 Trigonometry
MATH 2255 Calculus I
PHYS 2231 College and University Physics I Laboratory
PHYS 2241 College and University Physics II Laboratory
One of the following pairs of courses:
PHYS 2203 College Physics I and
PHYS 2213 College Physics II
or
PHYS 2313 University Physics I and
PHYS 2323 University Physics II

NOTE: A student seeking biology as a second major or as a minor cannot use the BIOL 3000-4000 level elective nor BIOL 4741 Seminar in Biology to fulfill requirements for both degrees.

Chemistry Minor

Minor Requirements: 24 hours

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Laboratory
CHEM 1131 General Chemistry II Laboratory
CHEM 3314 Quantitative Analysis
CHEM 3404 Organic Chemistry I
CHEM 3414 Organic Chemistry II
Electives: Four hours of 3000-4000 level chemistry courses

Mathematics Major, Bachelor of Science

This major does not require a minor; however, students must complete 40 credit hours at the 3000-4000 level to be eligible for this degree.

Major Requirements: 43 hours

MATH 2233 Introduction to Mathematical Reasoning
MATH 2343 Introduction to Statistics
MATH 2255 Calculus I
MATH 3403 Probability & Statistics
MATH 3453 Abstract Algebra
MATH 3463 Linear Algebra
MATH 3495 Calculus II
MATH 3533 Differential Equations
MATH 3545 Calculus III
MATH 4711 Mathematics Seminar
Mathematics Electives: 9 hours at the 3000-4000 level (except courses specifically excluded).

Supportive Requirements: 17 hours

MATH 1033 Trigonometry **or** Passing departmental placement exam
CIS 2203 Programming Logic and Design
One course from the following courses:
- CS 3003 Python Programming
- CIS 3243 Introduction to Java Programming
- CIS 3423 COBOL
- CIS 3433 Introduction to C# Programming
- CIS 3443 Object-Oriented Programming Languages

Eight hours from the following courses:
- CHEM 1103 General Chemistry I and
- CHEM 1121 General Chemistry I Laboratory
- CHEM 1113 General Chemistry II and
- CHEM 1131 General Chemistry II Laboratory
- PHYS 2203 College Physics I and
- PHYS 2231 College and University Physics I Laboratory
- PHYS 2213 College Physics II and
- PHYS 2241 College and University Physics II Laboratory
- PHYS 2313 University Physics I and
- PHYS 2231 College and University Physics I Laboratory
- PHYS 2323 University Physics II and
- PHYS 2241 College and University Physics II Laboratory

NOTE: Students may use College Physics or University Physics but not both. A student who plans to teach should use MATH 3233 History of Mathematics, MATH 3423 College Geometry, and MATH 3513 Discrete Mathematics as his/her elective courses in mathematics.

Mathematics Major, Data Science Option, Bachelor of Science

Major Requirements: 43 Hours

MATH 1033 Trigonometry
MATH 2333 Introduction to Math Reasoning
MATH 2343 Introduction to Statistics
MATH 2255 Calculus I
MATH 3403 Probability and Statistics
MATH 3463 Linear Algebra
MATH 3495 Calculus II
MATH 3513 Discrete Mathematics
MATH 3523 Differential Equations
MATH 3545 Calculus III
MATH 4711 Math Seminar
6 hours of upper level MATH classes (electives)

Supportive Requirements: 33 Hours

CS 3003 Python Programming
CIS 1193 PC Hardware and Software Maintenance
CIS 2203 Programming Logic and Design
CIS 2223 Microcomputer Applications
CIS 3123 Linux Operating Systems
CIS 3103 Advanced Microcomputer Applications
Pick 2 of the following options
- CIS 3243 Introduction to JAVA
- CIS 3423 COBOL
- CIS 3443 Object-Oriented Programming

CIS 3523 System Analysis and Design
CIS 4503 Data Communications and Networking
CIS 4623 Database Management Systems

Mathematics Minor

Minor Requirements 24 hours

MATH 2255 Calculus I
MATH 3495 Calculus II
MATH 3545 Calculus III
Mathematics Electives: 9 hours at the 3000-4000 level (except courses specifically excluded).

Natural Science Major

This major does not require a minor; however, students must complete 40 credit hours at the 3000-4000 level to be eligible for this degree.

Major Requirements: 16 hours

CHEM 1103 General Chemistry I
CHEM 1121 General Chemistry I Laboratory
ESCI 1073 Earth and Atmosphere
ESCI 1081 Earth and Atmosphere Laboratory
PHYS 2203 College Physics I
PHYS 2213 College Physics II
PHYS 2231 College and University Physics I Laboratory
PHYS 2241 College and University Physics II Laboratory

Supportive Requirements: 17-18 hours

BIOL 1063 Introduction to Biological Science
BIOL 1071 Biological Science/ Principles of Biology I Lab
CHEM 1113 General Chemistry II
CHEM 1131 General Chemistry II Laboratory
ESCI 1051 Elements of Geology Laboratory
ESCI 1063 Elements of Geology
One of the following courses:
- MATH 1033 Trigonometry and

MATH	1043	College Algebra
		or
MATH	1175	Pre-calculus

Options: Choose the Life Science Option or the Physical Science Option

Life Science Option: 28 hours

BIOL	2143	General Botany
BIOL	2153	General Zoology
BIOL	2161	General Zoology Laboratory
BIOL	2171	General Botany Laboratory
BIOL	3484	General Ecology
BIOL	3553	Microbiology
BIOL	3561	Microbiology Laboratory

Electives: Twelve hours of 3000-4000 level biology courses

Physical Science Option: 27-29 hours

One of the following pairs of courses:

ESCI	1033	Elements of Astronomy and
ESCI	1041	Elements of Astronomy Laboratory
		or
ESCI	1123	Meteorology and
ESCI	1131	Meteorology Laboratory
CHEM	3314	Quantitative Analysis
CHEM	3404	Organic Chemistry I
CHEM	3414	Organic Chemistry II

One of the following courses:

MATH	1073	Compact Calculus
MATH	2255	Calculus I

Electives: Eight hours of 3000-4000 level chemistry or physics courses

Natural Science Minor

Minor Requirements: 25 hours

Choose two of the following three blocks of courses:

BLOCK 1

CHEM	1103	General Chemistry I
CHEM	1113	General Chemistry II
CHEM	1121	General Chemistry I Laboratory
CHEM	1131	General Chemistry II Laboratory

BLOCK 2

PHYS	2203	College Physics I
PHYS	2231	College and University Physics I Laboratory
PHYS	2213	College Physics II
PHYS	2241	College and University Physics II Laboratory

BLOCK 3

BIOL	2143	General Botany
BIOL	2171	General Botany Laboratory
BIOL	2153	General Zoology
BIOL	2161	General Zoology Laboratory

Electives: Nine additional hours of 3000-4000 level courses chosen from biology, chemistry, or physics. All nine hours must be from the same discipline.

Physics Minor

Minor Requirements: 18 hours

One of the following pairs of courses:

PHYS	2203	College Physics I and
PHYS	2213	College Physics II
		or
PHYS	2313	University Physics I and
PHYS	2323	University Physics II
PHYS	2231	College and University Physics I Laboratory
PHYS	2241	College and University Physics II Laboratory

Electives: Ten hours of physics courses with a minimum of 9 hours at the 3000-4000 level.

Gulf Coast Research Laboratory

The School of Mathematical and Natural Sciences is affiliated with the Gulf Coast Research Laboratory (GCRL) at Ocean Springs, Mississippi. Students may take courses there and receive credit at UAM. For a complete listing of courses at GCRL visit http://www.usm.edu/gcrl/



School of Nursing

Location: Sorrells Hall, Monticello
Telephone: (870) 460-1069 / Fax: (870) 460-1969
Mailing Address: P.O. Box 3606, Monticello, AR 71656
Website: http://www.uamont.edu/pages/department/school-nursing/

Faculty/Mission/Goals

Professor Felts; Associate Professors Haley (Dean), Hogue, O'Fallon, Shaw, and Walters; Assistant Professors Hyatt, Palmer, and Stringfellow; Clinical Instructor/Simulation Lab Coordinator Wood.

The overall mission of the School of Nursing is to strive for excellence in the preparation of technical (Associate of Applied Science in Nursing Degree) and professional (Bachelor of Science in Nursing Degree) nurse generalists. This mission is accomplished through the following goals:

A. The preparation of professional nurse graduates to provide nursing care for individuals, families, and communities within a variety of health care settings.

B. The preparation of technical nurse graduates to provide nursing care for individuals, families, and families in communities in structured settings;

C. The encouragement of critical thinking to guide technical or professional therapeutic nursing interventions which promote, maintain, and restore health; and

D. The development of accountability through a commitment to technical or professional nursing practice and lifelong learning.

Bachelor of Science in Nursing (BSN) Degree

The School of Nursing offers a four-year curriculum of study leading to a Bachelor of Science in Nursing (BSN) Degree. The University of Arkansas-Monticello, Bachelor of Science in Nursing program is accredited by the National League for Nursing Commission for Nursing Education Accreditation (NLN CNEA) located at 2600 Virginia Avenue, NW, Washington, DC 20037. The BSN program is also approved by the Arkansas State Board of Nursing.

Admission Requirements - BSN

A student must successfully complete all general education and nursing supportive requirements before entering the nursing sequence. Application for admission to the BSN program must be submitted to the School of Nursing between January 15 and March 1 for admission to the program which begins each year in Summer I (Intersession). No early or late applications will be considered. All applicants are required to:

1. Meet all University admission requirements as stipulated in the Admissions section of the UAM catalog—Admission Requirements;

2. Have a UAM cumulative GPA of 2.5 or higher;

3. Submit a letter of good standing from the dean/director from all Registered Nursing programs that the student has ever attended;

4. ACT total composite score of 19 or higher;

NOTE: The ACT requirement for admission may be waived for Practical Nursing graduates from the UAM College of Technology in Crossett or McGehee, if they graduated within two years of making application to the AASN or BSN program, and all other admission criteria are met;

5. Completion of the National League for Nursing (NLN) Pre-admission test (PAX) with a score at or above the national reported mean and;

6. Complete all general education and nursing supportive requirements with at least a "C" or better grade AND maintain a GPA of 2.50 or better in both sets of requirements:

General Education Requirements:

ENGL 1013 Composition I
ENGL 1023 Composition II

One of the following courses:

COMM 1023 Public Speaking
COMM 2203 Interpersonal Communication
COMM 2283 Business and Professional Speech*

*(preferred)

All the following courses:

BIOL 2233 Anatomy and Physiology I
BIOL 2291 Anatomy and Physiology I Laboratory
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology

One of the following courses with the corresponding lab:

CHEM 1023 Introductory Chemistry
CHEM 1031 Introductory Chemistry Laboratory
or
CHEM 1103 General Chemistry
CHEM 1121 General Chemistry Lab

One of the following courses:

ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation

One of the following Courses:

MATH 1003 Quantitative Literacy
MATH 1043 College Algebra

One of the following courses:

HIST 2213 American History I
HIST 2223 American History II
PSCI 2213 American National Government

One of the following courses:

ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II

Nursing Supportive Requirements: 22 hours

BIOL 2243 Anatomy and Physiology II
BIOL 2301 Anatomy and Physiology II Laboratory
BIOL 3553 Microbiology
BIOL 3561 Microbiology Laboratory
NURS 3393 Pathophysiology for Nursing
PE 2113 Nutrition
PSY 3443 Developmental Psychology

One of the following courses:

PSY 2203 Statistical Methods
PSY 2013 Research Methods I
ECON 2113 Business Statistics I
PSCI 3313 Statistics for the Social Sciences* *(same as CJ 3313)
MATH 2343 Intro to Statistics
MATH 3403 Probability and Statistics

Electives: Choose one 2- or 3-hour directed elective course at the 1000-level or above from the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, FA, GEOG, HIST, MATH, MUS, PHYS, PSCI, PSY, SOC, SWK.

Associate of Applied Science in Nursing (AASN) Degree

The School of Nursing offers a LPN-RN Fast Track Program leading to an Associate of Applied Science in Nursing (AASN) Degree. The University of Arkansas-Monticello, Associate of Applied Science in Nursing program is accredited by the National League for Nursing Commission for Nursing Education Accreditation (NLN CNEA) located at 2600 Virginia Avenue, NW, Washington, DC 20037. The AASN program is also approved by the Arkansas State Board of Nursing.

Admission Requirements – AASN

A student must successfully complete all general education and nursing supportive requirements before entering the nursing sequence. Application for admission to the AASN program must be submitted to the School of Nursing between January 15 and March 1 for admission into the program which begins each year in Summer I (Intersession) term. No early or late applications will be considered. All applicants are required to:

1. Meet all University admission requirements;
2. Have a UAM cumulative GPA of 2.50 or higher;
3. Complete all general education and supportive requirements with a grade of "C" or better AND maintain a GPA of 2.50 or better in each category of requirements;
4. Submit a letter of recommendation from the student's current or most recent RN supervisor; and
5. Have a current unencumbered Arkansas LPN license.
6. Submit a letter of good standing from the dean/director from all Registered Nursing programs that the student has ever attended.
7. ACT total composite score of 19 or higher;

NOTE: The ACT requirement for admission may be waived for Practical Nursing graduates from the UAM College of Technology in Crossett or McGehee, if they graduated within two years of making application to the AASN or BSN program, and all other admission criteria are met;

8. Completion of the National League for Nursing (NLN) Pre-admission test (PAX) with a score at or above the national reported mean.

General Education Requirements:

ENGL	1013	Composition I
ENGL	1023	Composition II
PSY	1013	Introduction to Psychology

One of the following courses:

MAT	2213	Advanced Industrial Mathematics
MATH	1003	Quantitative Literacy
MATH	1043	College Algebra

One of the following courses:

CIS	1013	Introduction to Computer-Based Systems
CIS	2223	Microcomputer Applications

Nursing Supportive Requirements:

BIOL	2233	Anatomy and Physiology I
BIOL	2243	Anatomy and Physiology II
BIOL	2291	Anatomy and Physiology I Laboratory
BIOL	2301	Anatomy and Physiology II Laboratory
BIOL	2553	Microbiology
BIOL	2561	Microbiology Laboratory
PSY	3443	Developmental Psychology

Advanced Placement

Registered Nurses (RNs), Licensed Practical Nurses (LPNs) and Licensed Psychiatric Technical Nurses (LPTNs) may qualify for advanced placement within the BSN course sequence. A student must successfully complete all general education and nursing supportive requirements before entering the nursing sequence which begins in Summer I (Intersession). RN-BSN seeking students may enter the program lacking nine prerequisite credit course hours. All lacking prerequisite courses must be completed the semester prior to graduation. Pathophysiology must be taken during the first session offered after admission. Verification of a current valid, unencumbered Arkansas RN, LPN, or LPTN license is required. The UAM School of Nursing will follow the Arkansas Nursing Education Progression Model to facilitate the educational mobility of graduates from Practical (LPN and LPTN), Diploma, and Associate nursing programs.

Admission Requirements - RN-BSN Advanced Placement Program

RNs with an Associate Degree or diploma from an accredited nursing school may apply for the RN to BSN Advanced Placement Program. RNs complete the same general education and supportive courses as students enrolled in the pre-licensure BSN program but have a specified program for completing theory and clinical nursing course requirements. The RN will receive credit for 33 semester hours to be held in escrow until successful completion of the program. All clinical experiences are preceptored at approved facilities. RNs may progress through the program using a 12-month accelerated option or a 24-month extended option. RN applicants may be required to provide demonstration of nursing skills competency through written and/or performance-based testing as defined by the Arkansas Nursing Education Progression Model. Nursing core courses begin Summer I.

Application for admission to the RN-BSN program must be submitted to the School of Nursing between January 15 and March 1 for admission to the program which begins each year in Summer I (Intersession).

All applicants are required to:

1. Meet all University admission requirements;
2. Have a UAM cumulative GPA of 2.5 or higher;
3. Complete all general education and supportive requirements with a grade of "C" or better AND maintain a GPA of 2.50 or better in both sets of requirements. Students may apply to the program who lack

nine prerequisite credit course hours. All lacking prerequisite courses must be completed the semester prior to graduation.

4. Submit a letter of recommendation from a current or most recent RN supervisor; and

5. Have a current unencumbered Arkansas RN license.

6. Submit a letter of good standing from the dean/director from all BSN programs that the student has ever attended

NOTE: Applicants seeking admission to the nursing program through advanced placement should meet with the School of Nursing dean. Candidates for this degree must complete 30 hours of coursework at the University of Arkansas at Monticello.

Admission Requirements - LPN to BSN

Applicants admitted to the nursing sequence who graduated twenty-four months or less from a practical nursing program must complete a validation examination with a score of greater than or equal to 75% to receive advanced placement credit for NURS 311V. The validation examination may only be taken once. Applicants admitted who graduated twenty-five months or more from a practical nursing program must take course NURS 311V.

Application for admission to the LPN to BSN program must be submitted to the School of Nursing between January 15 and March 1 for admission into the program, which begins each year in Summer I (Intersession). No early or late applications will be considered.

All applicants are required to:

1. Meet all University admission requirements;

2. Have a UAM cumulative GPA of 2.5 or higher;

3. Complete all general education and supportive requirements with a grade of "C" or better AND maintain a GPA of 2.50 or better in both categories of requirements;

4. Submit a letter of recommendation from a current or most recent RN supervisor; and

5. Have a current unencumbered Arkansas LPN license.

6. Submit a letter of good standing from the dean/director from all Registered Nursing programs that the student has ever attended.

Ranking of Students for Admission

Students are ranked based on ACT scores, NLN PAX test scores, and GPAs. The PAX test scores must be at the national average during the testing time frame. Applicant GPAs are calculated using only the general education and nursing supportive requirements completed at the time of application. To be considered for admission an application for admission to any nursing program must be submitted to the School of Nursing between January 15 and March 1.

All programs begin annually in Summer I (Intersession). No applications received before January 15 or after March 1 will be considered. Students must complete all outstanding coursework with a grade of "C" or better by the end of the Spring semester to be considered for admission.

Full Admission

Students who have completed all admission requirements and all general education and nursing supportive requirements with a GPA of 2.5 or higher will be considered for full admission to the nursing program.

Provisional Admission

Students who will complete all admission requirements and all general education and nursing supportive requirements by the end of the Spring semester will be considered for provisional admission to the nursing program. Students must complete the coursework with a grade of "C" or better AND maintain a 2.5 GPA.

Students will be ranked in numerical order according to the following criteria:

1. All prerequisites completed with a GPA of 2.5-4.0.

2. Provisional admission with a GPA of 2.5-4.0

UAM students will receive first consideration for admission, followed by transfer students. UAM students are those who have completed at least 12 hours of general education and/or nursing supportive courses in residency at UAM.

Progression in the Nursing Sequence

A minimum grade of "C" in each nursing course is required for progression in the nursing sequence.

Readmission

BSN readmission

A student who discontinues the nursing sequence for any reason must petition the School of Nursing Admissions Committee by December for consideration for readmission into the spring semester and May for consideration for readmission into the fall semester. Students are permitted only one readmission. Readmission is not guaranteed. Acceptance for readmission is based on availability of space, documentation of a plan to correct deficiencies, and approval of the Admissions Committee and faculty. Students who are granted readmission due to course failure will be required to follow a remediation plan designed by their remediation counselor (see Student Success Plan in this handbook). Readmission of students who withdraw from a nursing

course for reasons other than failure will be considered by faculty on an individual basis after the student has reapplied for admission and has submitted a letter explaining how the problems that led to withdrawal have been remedied.

Students who are readmitted are accountable for the degree requirements in force at the time of readmission. BSN applicants who are accepted for readmission and have been out of the program for more than one year must restart the nursing sequence with NURS 3333 Health Assessment.

A student who is accepted for readmission to any Concepts course within one year of failure or withdrawal must do the following:

1. If failed or withdrew from NURS 311V Concepts in Nursing Care I: retake NURS 311V Concepts in Nursing Care I. If successfully completed NURS Skills: audit Skills course, pass all Skills check-offs, and resume the nursing sequence;

2. If failed or withdrew from NURS 332V Concepts in Nursing Care II: retake NURS 311V Concepts I course, pass Skills check offs, and resume the nursing sequence;

3. If failed or withdrew from NURS 444V Concepts in Nursing Care III: retake NURS 332V Concepts in Nursing Care II, pass Skills check-offs, and resume the nursing sequence;

4. If failed or withdrew from NURS 452V Concepts in Nursing Care IV: retake NURS 444V Concepts in Nursing Care III, pass Skills check offs, and retake NURS 452V Concepts in Nursing Care IV.

AASN readmission

A student who discontinues the nursing sequence for any reason must petition the School of Nursing Admissions Committee by March 1 for consideration for readmission into the AASN summer or fall semester.

AASN applicants who are accepted for readmission and have been out of the program for more than one year must restart the nursing sequence with NURS 1015 Principles of Nursing Care I and pass all Skills check offs.

A student who reapplies for readmission to any Principles course within one year must do the following:

1. If failed or withdrew from NURS 1015 Principles of Nursing Care I: retake NURS 1015 Principles of Nursing Care I; pass Skills check-offs, and resume the nursing sequence;

2. If failed or withdrew from NURS 124V Principles of Nursing Care II: retake NURS 124V Principles of Nursing Care II, pass Skills check-offs, and resume the nursing sequence;

3. If failed or withdrew from NURS 225V Principles of Nursing Care III: retake NURS 124V Principles of Nursing Care II, pass Skills check-offs, and resume the nursing sequence.

Transfer Credit

Students seeking transfer credit from another institution must submit course descriptions and transcripts to the School of Nursing and meet with the School of Nursing dean. All faculty are included in the evaluation and placement of transfer students in the nursing sequence and make recommendations regarding transfer of nursing credit to the School of Nursing dean. Standardized testing and validation of skills may be required based on the evaluation of the transcript.

Criminal Background Checks

Many healthcare facilities utilized for student clinical experiences require completion of a criminal background check. Therefore, all students entering the UAM School of Nursing programs will be required to complete the criminal background check procedures as instructed by the School of Nursing. In addition, the Arkansas State Board of Nursing requires a criminal background check by the Federal Bureau of Investigation and by the Arkansas State Police for graduates of nursing schools before taking the Registered Nurse Licensure Examination (NCLEX-RN). One may not be substituted for the other. Criminal background checks are at the expense of the student and remain confidential. Positive background checks may result in dismissal from the program.

Conviction of a Crime

The Arkansas State Board of Nursing (ASBN) has the authority to deny licensure to any person who has been convicted of a crime. Conviction of a crime may prevent a student from taking clinical courses, the National Council Licensure Examination for Registered Nurses (NCLEX-RN) or becoming licensed to practice as an RN. Successful completion of this program does not assure ASBN's approval to take the NCLEX-RN per Criminal Background Checks – ACA §17-87-312 and Licensing Restrictions Based on Criminal Records ACA §17-3-102. If you have any questions or have been convicted of a crime of any type, make an appointment with the dean of the School of Nursing. Any violations or convictions during nursing school may result in dismissal from the program.

Drug Testing

Drug testing will occur upon admission into the nursing program and may occur at random, for cause, or as mandated by clinical agencies. Drug testing is at the expense of the student. Any student who tests positive for illegal, controlled, or abuse-potential substances as determined by the designated Medical Review Officer may be dismissed from the program.

Expenses

In addition to the usual student fees and expenses, nursing students can expect the following additional costs: uniforms, professional equipment and supplies, professional workshop fees, licensure examination review course, license examination fees, criminal background checks, supplementary book costs, and travel. Use of multiple clinical sites within a 100-mile radius of the main campus may necessitate overnight travel. These trips are mandatory for completion of the program. All expenses for food, lodging, and travel are the responsibility of the individual student. RN-BSN students are exempt from all expenses related to licensure including review course fees.

Other Information

Nursing students are NOT covered by the University or the clinical facilities for injuries and exposures to illnesses which occur in the course of clinical assignments or when traveling to and from clinical assignments. Additionally, all nursing students are assigned to care for persons with a wide variety of diagnoses including blood-borne illnesses. The UAM School of Nursing strongly recommends that each student be immunized or show proof of injection by date or titer against Hepatitis B virus (HBV). All students will be required to show proof of injection by date for the following immunizations: Influenza, Varicella, (2) MMRs, Hepatitis B and Tetanus (within the past 10 years). All students will be required to show proof of injection by date for the following immunizations: Hepatitis B, Influenza, Varicella, MMR, and Tdap. All students will be required to show proof of two negative TB skin tests, TB titer, or chest x-ray. Personal health and automobile insurance are recommended.

If the applicant's native language is other than English, an official transcript of the score for the Test of English as a Foreign Language (TOEFL) must be submitted directly from the Educational Testing Service. For undergraduate applicants, the required score for the paper-based test is 500; the required score for the computer-based test is 173; and the required score for the internet-based test is 80.

Information regarding tuition and fees may be found in the UAM catalog Fees and Expenses section. The CNEA serves as an additional resource for this information. The School of Nursing annually provides CNEA with information regarding tuition, fees, and the length of the nursing program. The CNEA may be contacted at National League for Nursing Commission for Nursing Education Accreditation (NLN CNEA), 2600 Virginia Avenue, NW, Washington, DC 20037
http://www.nln.org/accreditation-services/overview

Major Requirements

All baccalaureate degrees require at least 120 hours of college credit (courses at the 1000-level or above). These courses must include the general education and support courses cited below and must include at least 40 hours of 3000-4000 level courses.

Bachelor of Science in Nursing (BSN)

Major Requirements: 63 hours

NURS	2003	Introduction to Nursing Concepts and Roles
NURS	3103	Nursing Skills
NURS	311V	Concepts in Nursing Care I
NURS	332V	Concepts in Nursing Care II
NURS	3333	Health Assessment
NURS	4153	Community Health Nursing
NURS	444V	Concepts in Nursing Care III
NURS	4473	Nursing Research
NURS	452V	Concepts in Nursing Care IV
NURS	4504	Leadership and Management in Professional Nursing

General Education Requirements: 35 hours

ENGL	1013	Composition I
ENGL	1023	Composition II

One of the following courses:

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech* *(preferred)

PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology
BIOL	2233	Anatomy and Physiology I
BIOL	2291	Anatomy and Physiology I Laboratory

One of the following courses with the corresponding lab:

CHEM	1023	Introductory Chemistry
CHEM	1031	Introductory Chemistry Laboratory
		or
CHEM	1103	General Chemistry
CHEM	1121	General Chemistry Lab

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

One of the following courses:

MATH	1043	College Algebra
MATH	1003	Quantitative Literacy

One of the following courses:

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

One of the following courses:

ENGL	2283	Survey of World Literature I
ENGL	2293	Survey of World Literature II

Nursing Supportive Requirements: 22 hours

BIOL	2243	Anatomy and Physiology II
BIOL	2301	Anatomy and Physiology II Laboratory
BIOL	3553	Microbiology
BIOL	3561	Microbiology Laboratory
NURS	3393	Pathophysiology for Nursing
PE	2113	Nutrition
PSY	3443	Developmental Psychology

One of the following courses:

PSY	2203	Statistical Methods
PSY	2013	Research Methods I
ECON	2113	Business Statistics I
PSCI	3313	Statistics for the Social Sciences* *(same as CJ 3313)
MATH	2343	Intro to Statistics
MATH	3403	Probability and Statistics

Electives: 2 hours

All directed electives must be at the 1000 level or above from the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, FA, GEOG, HIST, MATH, MUS, PHYS, PSCI, PSY, SOC, and SWK.

Bachelor of Science in Nursing (BSN) (RN to BSN Advanced Placement Track)

Advanced Placement Upper Division Credit Award: 33 hours

Major Requirements: 30 hours

NURS	2211	Basic Skills Check Off*

*(May be required if graduated more than 24 months)

(See School of Nursing Admission/Advanced Placement elsewhere in this section.)

NURS	3064	Healthy Aging
NURS	3073	Role Transition
NURS	3333	Health Assessment
NURS	3404	Health Promotion
NURS	4153	Community Health Nursing
NURS	4473	Nursing Research
NURS	4504	Leadership and Management in Professional Nursing

Electives: 6 hours at the 3000-4000 level

General Education Requirements: 35 hours

ENGL	1013	Composition I
ENGL	1023	Composition II

One of the following courses:

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communication
COMM	2283	Business and Professional Speech*

*(preferred)

One of the following courses:

ART	1053	Art Appreciation
FA	1013	Fine Arts Appreciation
FA	1023	Film Appreciation
MUS	1113	Music Appreciation

One of the following courses:

HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government

One of the following courses:

ENGL	2283	World Literature I
ENGL	2293	World Literature II

One of the following courses:

MATH	1003	Quantitative Literacy
MATH	1043	College Algebra

BIOL	2233	Anatomy and Physiology I
BIOL	2291	Anatomy and Physiology I Laboratory
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

One of the following courses with the corresponding lab:

CHEM	1023	Introductory Chemistry
CHEM	1031	Introductory Chemistry Laboratory
		or
CHEM	1103	General Chemistry
CHEM	1121	General Chemistry Lab

Nursing Supportive Requirements: 22 hours

BIOL	2243	Anatomy and Physiology II
BIOL	2301	Anatomy and Physiology II Laboratory
BIOL	3553	Microbiology
BIOL	3561	Microbiology Laboratory
NURS	3393	Pathophysiology for Nursing
PE	2113	Nutrition
PSY	3443	Developmental Psychology

One of the following courses:

PSY	2203	Statistical Methods
PSY	2013	Research Methods I
ECON	2113	Business Statistics I
PSCI	3313	Statistics for the Social Sciences* *(same as CJ 3313)
MATH	2343	Intro to Statistics
MATH	3403	Probability and Statistics

Electives: Choose six hours at the 3000-4000 level

Associate of Applied Science in Nursing (AASN) (Fast Track LPN-RN Program)

Nursing Requirements: 34 hours

NURS	1015	Principles of Nursing Care I
NURS	1034	LPN-RN Transition
NURS	124V	Principles of Nursing Care II
NURS	2211	Basic Skills Check Off
NURS	225V	Principles of Nursing Care III

Nursing Supportive Requirements: 15 hours

BIOL	2243	Anatomy and Physiology I
BIOL	2301	Anatomy and Physiology II
BIOL	2243	Anatomy and Physiology I Laboratory
BIOL	2301	Anatomy and Physiology II Laboratory
BIOL	3553	Microbiology
BIOL	3561	Microbiology Laboratory
PSY	3443	Developmental Psychology

General Education Requirements: 15 hours

ENGL	1013	Composition I
ENGL	1023	Composition II
MATH	1043	College Algebra or equivalent level MATH course
PSY	1013	Introduction to Psychology

One of the following courses:

CIS	1013	Introduction to Computer-Based Systems
CIS	2223	Microcomputer Applications



School of Social and Behavioral Sciences

Location: Memorial Classroom Building, Montincello
Telephone: (870) 460-1047 / Fax: (870) 460-1087
Mailing Address: P.O. Box 3619, Monticello, AR 7165Website: http://www.uamont.edu/pages/department/school-social-and-behavioral-sciences/

Faculty/Mission

Professors Clubb (Dean), Day, and McKee; Associate Professors Davis, Henris, Jenkins, Miller, Lee, Strong, and Young; Assistant Professors Bransford, Grissom, Prichard, Silzell, and Walters; Instructor Everett; Arkansas Archeological Survey Station Archeologist Barnes.

The School of Social and Behavioral Sciences offers courses and programs in a broad range of social and behavioral sciences, designed to provide preparation for careers in social services, government, and teaching, as well as preparation for graduate and professional studies. Primarily geared to baccalaureate degree programs, the School also plays a significant role in the general education program of all students.

This School offers majors and minors in Criminal Justice, History, Political Science, Psychology and Social Work; a Human Services minor that is directly related to the Psychology major; a minor only in Sociology; and course work in Anthropology and Geography.

Major and Minor Requirements

All baccalaureate degrees require at least 120 hours of college credit courses at the 1000-level or above. These courses must include the General Education requirements found else-where in this catalog and at least 40 hours of 3000-4000 level courses.

Criminal Justice Major

Major Requirements: 49 hours

CJ	1001	Criminal Justice Pathways
CJ	1013	Introduction to Criminal Justice

(NOTE: Criminal Justice majors are strongly encouraged to complete CJ 1013 before completing any other criminal justice courses.)

CJ	2113	Policing
CJ	2123	Corrections
CJ	2133	Criminal Justice Ethics
CJ	2143	Juvenile Justice
CJ	2153	Research Methods in the Social Sciences (same as PSCI 2283)
CJ	2163	Multicultural Justice
CJ	3313	Statistics (same as PSCI 3313)
CJ	3233	Criminal Law
CJ	3243	Procedural Law
CJ	4373	Criminology
CJ	4903	Criminal Justice Capstone

12 hours of Criminal Justice electives of which at least 5 hours must be upper level.

Supportive Requirements: 12 hours

COMM	1023	Public Speaking
COMM	2203	Interpersonal Communication
ENGL	3253	Technical Writing
PSCI	2213	American National Government
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology or
SWK	1003	Survey of Social Work

Criminal Justice Minor

Minor Requirements: 18 hours

CJ 1013 Introduction to Criminal Justice
CJ 3413 Constitutional Criminal Procedure
12 hours of electives in Criminal Justice, at least 6 of these hours must be at the 3000-4000 level.

Associate of Science Degree in Criminal Justice

The Associate of Science degree in Criminal Justice consist of 35 hours of General Education courses and 25 criminal justice and supportive requirement credit hours. This degree may serve as a terminal degree for students or as an intermediate degree for students enrolled in a baccalaureate program. All hours earned at the 1000-level or above in satisfying the Associate of Science in Criminal Justice degree may be used toward a baccalaureate degree. The requirements for the Associate of Science degree are:

Total Hours: 60 hours

General Education Requirements: 35 hours
ENGL 1013 Composition I
ENGL 1023 Composition II
COMM 1023 Public Speaking
PSCI 2213 American National Government
PSY 1013 Introduction to Psychology
SOC 2213 Introduction to Sociology
or
SWK 1013 Introduction to Social Work
One of the following courses:
ENGL 2283 Survey of World Literature I
ENGL 2293 Survey of World Literature II
One of the following courses:
ART 1053 Art Appreciation
FA 1013 Fine Arts Appreciation
FA 1023 Film Appreciation
MUS 1113 Music Appreciation
Sciences
Eight hours from two 3-hour lecture courses with associated 1 hour-hour labs, or two 4-hour courses with integrated labs chosen from two of the following disciplines:
Biological Sciences
Chemistry
Earth Sciences
Physics
One of the following
MATH 1003 Quantitative Literacy
MATH 1043 College Algebra
Or any MATH 1000-level or above
Criminal Justice and Supportive Requirements: 25 hours
CJ 1013 Introduction to Criminal Justice
(NOTE: Criminal Justice majors are strongly encouraged to complete CJ 1013 before completing any other criminal justice courses.)
CJ 1001 Criminal Justice Pathway
CJ 2143 Multicultural Justice
CJ 2113 Policing
CJ 2123 Corrections
CJ 2133 Criminal Justice Ethics
CJ 2143 Juvenile Justice
CIS 2223 Microcomputer Applications
COMM 2203 Interpersonal Communication

Associate of Applied Science Degrees and Certificate Programs

The Associate of Applied Science Degree and the Certificate programs in Crime Scene Investigation and Law Enforcement Administration are available exclusively to Arkansas law enforcement personnel who are actively employed within a criminal justice organization of the State. The University of Arkansas at Monticello in partnership with the Criminal Justice Institute of the University of Arkansas System offers these certificate and degree programs. To successfully complete a program, students must take special courses through the Criminal Justice Institute along with general education courses from UAM. Contact the Criminal Justice Institute or the School of Social and Behavioral Sciences for more information.

Crime Scene Investigation Certificate of Proficiency

(NOTE: The certificate and Associate of Applied Science programs below must be completed sequentially.)

Certificate Requirements: 18 hours

Criminal Justice Institute (CJI):15 hours
University of Arkansas at Monticello: 3 hours
ENGL 1013 Composition I
CJI: Crime Scene Technician Certificate Program*
CJI: Law Enforcement Certification*

*These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon approval of the Arkansas Commission on Law Enforcement Standards and Training.

Crime Scene Investigation
Technical Certificate

Certificate Requirements: 36 hours

Crime Scene Investigation
Crime Scene Investigation Certificate of Proficiency
Criminal Justice Institute (CJI):12-15 hours

CJI:		Special Topics*
CJI:		Computer Applications* (If not completing CIS 2223)

*These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon approval of the Arkansas Commission on Law Enforcement Standards and Training.

University of Arkansas at Monticello: 6-9 hours

ENGL	1013	Composition I
ENGL	1023	Composition II
CIS	2223	Microcomputer Applications (If not completing CJI: Computer Applications)

Crime Scene Investigation
Associate of Applied Science Degree

Degree Requirements: 62-65 hours

Crime Scene Investigation Certificate of Proficiency
Crime Scene Investigation Technical Certificate
Criminal Justice Institute (CJI): 8 hours

CJI:		Advanced Crime Scene Technician Certificate Program*
CJI:		Advanced Crime Scene Special Topics*

University of Arkansas at Monticello: 24-27 hours

COMM	1023	Public Speaking
ENGL	1013	Composition I
ENGL	1023	Composition II
PSCI	2213	American National Government
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

One of the following courses:

HIST	1013	World History to 1500 or
HIST	1023	World History Since 1500
MAT	2213	Advanced Industrial Mathematics or higher course except MATH 2243 or MATH 3553

Law Enforcement Administration
Certificate of Proficiency

(NOTE: Sequential completion of the programs below is not a requirement.)

Certificate Requirements: 18 hours

Criminal Justice Institute (CJI): 15 hours

CJI:		Law Enforcement Administration and Management*
CJI:		Law Enforcement Communication*
CJI:		Law Enforcement Certification*

*These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon approval of the Arkansas Commission on Law Enforcement Standards and Training.

University of Arkansas at Monticello: 3 hours

ENGL	1013	Composition I

Law Enforcement Administration
Technical Certificate

Certificate Requirements: 36 hours
Criminal Justice Institute (CJI): 21 hours

CJI:		Law Enforcement Administration Certificate of Proficiency*
CJI:		Advanced Law Enforcement Special Topics*

*These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon approval of the Arkansas Commission on Law Enforcement Standards and Training.

University of Arkansas at Monticello: 15 hours

COMM	1023	Public Speaking
ENGL	1013	Composition I
ENGL	1023	Composition II
PSCI	2213	American National Government
MATH	0183	Intermediate Algebra or any higher-level mathematics course except MATH 2243 or MATH 3553

Law Enforcement Administration
Associate of Applied Science Degree

Degree Requirements: 63 hours

Criminal Justice Institute (CJI): 36 hours

Law Enforcement Administration Certificate of Proficiency (see above)

Law Enforcement Administration Technical Certificate (see above)

CJI:		School of Law Enforcement Supervision*
CJI:		Legal Aspects of Law Enforcement*
CJI:		Integrity in Law Enforcement*

*These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon approval of the Arkansas Commission on Law Enforcement Standards and Training.

University of Arkansas at Monticello: 27 hours

COMM	1023	Public Speaking
ENGL	1013	Composition I
ENGL	1023	Composition II
PSCI	2213	American National Government
SOC	2213	Introduction to Sociology
MAT	2213	Advanced Industrial Mathematics or higher- level mathematics course except MATH 2243 or MATH 3553

Nine (9) hours electives to be selected from the General Education requirements.

History Major

Major Requirements: 33 hours

HIST	1013	World History to 1500
HIST	1023	World History Since 1500
HIST	2213	American History I
HIST	2223	American History II
HIST	3513	Historiography and Historical Methods

9 hours of electives in American History at the 3000-4000 level

9 hours of electives in History other than American at the 3000-4000 level

Supportive Requirements: 9 Hours

6 Hours of same Foreign Language at the 1000-3000 level (a language other than English)

GEOG	2213	General Geography I

Minor Requirements: 18 hours

History majors must select a minor.

History Minor

Minor Requirements: 21 hours

HIST	1013	World History to 1500
HIST	1023	World History Since 1500
HIST	2213	American History I
HIST	2223	American History II

9 hours of History electives at the 3000-4000 level*

*3 hours at the 3000-4000 level must be an American history topic and 3 hours at the 3000-4000 level must be a non-American history topic.

(B.A.) Political Science Degree

Major Requirements: 33 hours

PSCI	2213	American National Government
PSCI	2233	Comparative Politics
PSCI	2283	Research Methods in the Social Sciences (same as CJ 2153)
PSCI	3313	Statistics for the Social Sciences (same as CJ 3313)
PSCI	4683	Western Political Theory

18 hours of electives in Political Science.

NOTE: A minimum of 20 hours must be taken at the 3000-4000 level to fulfill University requirements for a major. This may require a student to choose only 3000-4000 level courses for electives.

Minor Requirements: 18 or more hours

Political Science majors must select a minor.

Political Science Minor

Minor Requirements: 18 hours

PSCI	2213	American National Government
PSCI	2233	Comparative Politics

12 hours of electives in Political Science with at least 9 of these hours at the 3000-4000 level.

Supportive Requirements: 6 hours of the same foreign language

Pre-Law Courses in Political Science:

Through this program of study students will earn a B.A. in political science while taking courses which will help them prepare for law school.

Major Requirements: 33 hours

PSCI	2213	American National Government
PSCI	2233	Comparative Politics
PSCI	2283	Research Methods in the Social Sciences
PSCI	3313	Statistics for the Social Sciences (same as CJ 3313)
PSCI	4683	Western Political Theory

Pre-Law Recommended Courses:

PSCI	2223	State Government of Arkansas
PSCI	2293	Law and Society
PSCI	3413	Constitutional Criminal Procedure (same as CJ 3243)
PSCI	3433	Public Administration
PSCI	4663	American Constitutional Law
PSCI	4493	Civil Liberties and Civil Rights (same as CJ 4493)

NOTE: A minimum of 20 hours must be taken at the 3000-4000 level to fulfill University requirements for a major. This may require a student choose only 3000-4000 courses for electives.

Psychology Major

Major Requirements: 36 hours

PSY	1013	Introduction to Psychology
PSY	2203	Statistical Methods
PSY	2013	Research Methods I
PSY	3013	Research Methods II
PSY	4673	Abnormal Psychology

One course from each of the following categories:

Category 1

PSY	3443	Developmental Psychology
PSY	3433	Child Development
PSY	3253	Adolescence
PSY	4633	Gerontology

Category 2

PSY	3463	Guidance and Counseling
PSY	3493	Fundamentals of Measurement
PSY	4643	Applied Human Service Skills
PSY	465V	Practicum

Category 3

PSY	3413	Psychology of Learning
PSY	3103	Cognitive Psychology
PSY	3483	Physiological Psychology
PSY	3453	Exceptional Children

Category 4

PSY	3243	Social Psychology
PSY	4603	History and Systems in Psychology
PSY	4623	Psychology of Personality
PSY	3423	Industrial Psychology

9 hours of electives at the 3000-4000 level

*CLEP credit will not be awarded to psychology majors for PSY 3433 Child Development.

NOTE: Students must have a minimum of 40 hours of upper level courses for the B.S. degree therefore, in addition to the upper level courses required by the major, a minimum of 13 hours of the electives must be taken at the 3000-4000 level to fulfill University requirements for a major.

Minor Requirements: 18 hours

Psychology majors must select a minor.

Psychology Minor: 18 hours

PSY	1013	Introduction to Psychology
PSY	2203	Statistical Methods
PSY	2013	Research Methods I

9 hours of electives in psychology at the 3000-4000 level.

Human Services Minor*

Minor Requirements: 18 hours

PSY	4643	Applied Human Service Skills
PSY	465V	Practicum in Psychology (6 hours)

9 hours of electives in sociology or social work

*The Human Services minor is designed primarily for Psychology majors to: 1) prepare students for human services careers across a wide range of settings, and 2) provide a theoretical foundation and specific applied skills needed for Bachelor's level employment in the field. Students who choose to pursue the Human Services minor, particularly those with majors other than Psychology, may need to take additional Psychology courses to satisfy the prerequisites of required courses. Consult your academic advisor for further information.

Bachelor of Social Work (B.S.W.) Degree

The Department of Social Work offers a four-year curriculum of study leading to a Bachelor of Social Work Degree accredited by the Council of Social Work Education (CSWE). Social work education is grounded in the liberal arts and consists of a structured and integrated curriculum. Applied experiences designed to train students to

competently apply social work values, theories, and methods to the various social problems encountered by individuals, couples, families, groups, organizations, and communities are also included in the curriculum. The B.S.W. degree program is designed to support the mission of the University of Arkansas at Monticello and reflects the mission and charter of the social work profession.

The B.S.W. degree curriculum is designed to prepare generalist social work practitioners to work in a variety of areas including, but not limited to: child, adolescent, and family services; health care; mental health care; criminal justice settings; geriatrics; substance abuse services; and in a variety of social service organizations in the community. An emphasis is placed on the ecological perspective, providing students with an understanding of the reciprocal relationship between the person and environment.

Generalist social work practice includes the provision of social work services to individuals, couples, families, groups, organizations, and/or communities. Regardless of the area of practice (e.g., children and families, criminal justice, health care, mental health care, aging, substance abuse, and so forth) or level of practice (i.e., micro, mezzo, or macro), social workers seek to promote social and economic justice and to improve the biopsychosocial functioning of individuals, couples, families, groups, organizations, and communities.

B.S.W. Admission Requirements

Students must be formally admitted to the Social Work Program prior to entering the Social Work core curriculum. The procedure for formal admission to the B.S.W. degree program is as follows:

1. Students may apply for formal admission upon successful completion of the following courses: SWK 2123, SWK 2143, and SWK 3013

2. Students must have a minimum cumulative grade point average of 2.00, a "C" or better in all social work courses, and a minimum grade point average of 2.50 in social work at the time of admission.

3. Students must complete the B.S.W. degree program application form, complete 20 volunteer hours in social or human service, submit a resume and personal narrative as outlined by the B.S.W. application guidelines and have a formal interview with social work faculty.

Students who are admitted to the BSW degree program must maintain the following qualifications in order to remain in good standing with the program:

1. Receive a grade of "C" or better in each social work course taken;

2. Maintain a minimum cumulative GPA of 2.0;

3. Maintain a minimum Social work GPA of 2.5;

4. Join and maintain membership in any nationally recognized social work associations including, but not limited to the National Association of Social Workers (NASW), National Association of Black Social Workers, National Association of Hispanic Social Workers (NAHW), or the National Association of Christian Social Workers (NACSW).

The B.S.W. degree program does not give academic credit for life experience or previous work experience toward the B.S.W. degree.

Major Requirements: 57 hours

All social work majors are required to complete the following major requirements:

Major Requirements (C or better is required in each course; 2.50 overall GPA is required for the major):

SWK	2123	Introduction to Social Work
SWK	2143	Professional Writing
SWK	2153	Social Welfare Policy
SWK	2133	Human Behavior in Social Environment I
SWK	3113	Generalist Social Work Practice I
SWK	3123	Cultural Diversity
SWK	3213	Generalist Social Work Practice II
SWK	3233	Human Behavior in Social Environment II
SWK	3243	Methods of Social Work Research I (Cross listed with CJ 3313)
SWK	3343	Methods of Social Work Research II
SWK	4413	Generalist Social Work Practice III
SWK	4252	Field Practicum I Seminar
SWK	4302	Field Practicum II Seminar
SWK	4674	Social Work Field Practicum I
SWK	4704	Social Work Field Practicum II

12 hours from the following Social Work electives:

SWK	4333	Social Work and Aging
SWK	4343	Social Work and Health Care
SWK	4353	Social Work and Mental Health
SWK	4373	Social Work and Substance Abuse
SWK	4393	Spirituality in Social Work Practice
SWK	4653	Special Topics in Social Work

Supportive Requirements: 22 hours

BIOL	1063	Introduction to Biological Science*
BIOL	1071	Biological Science/ Principles of Biology I Lab*
CIS	2223	Microcomputer Applications

One of the following courses:*

ECON	2203	Principles of Macroeconomics
ECON	2213	Principles of Microeconomics

PSCI	2213	American National Government*
PSY	1013	Introduction to Psychology*
SOC	2213	Introduction to Sociology*
SWK	3013	Social Work Values and Ethics

*This course may fulfill the General Education requirement.

Total Supportive Hours: 22

Total Major Hours: 57

Elective Hours: 16

Total Degree Requirement Hours: 120

Social Work Minor

Minor Requirements: 18 hours

SWK	2123	Introduction to Social Work
SWK	2153	Social Welfare Policy
SWK	3133	Human Behavior in the Social Environment I

9 additional hours of any other SWK course

Sociology Minor

Minor Requirements: 18 hours

SOC	2213	Introduction to Sociology
SOC	2283	Research Methods in Social Sciences

(same as CJ 2283; PSCI 2283)

12 additional hours of sociology electives from the following course options with a minimum of 9 hours at the 3000-4000 level

SOC	2223	Social Problems
SOC	3413	The Family
SOC	3453	Race and Ethnic Relations
SOC	3543	Learning through Community Service
SOC	4373	Criminology (same as CJ 4273)
SOC	4513	Drugs in Society (same as CJ 4413)
SOC	4643	Population Problems
SOC	4663	Seminar in Sociology
SOC	4673	Terrorism and Social Change

Plans of Study

Bachelor of Arts Degree in Art

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
ART	1013	Drawing I	3
ART	1023	Design and Color	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Communication	3
		General Education American History or Political Science	3
		Elective	3
ART	2243	Painting	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science W/Lab	4
		General Education Social Science	3
		General Education Social Science	3
ART	2223	Ceramics I	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science W/Lab	4
		Elective	3
ART	3323	Painting II	3
ART	2283	Drawing II	3
ART	2263	Ceramics III	3

Fifth Semester (15 hours)			Credit Hrs.
		Elective	3
		Elective	3
ART	3403	Art History I	3
ART		Major Elective (3000-4000 Level)	3
ART		Elective (3000-4000 Level)	3

Sixth Semester (15 hours)			Credit Hrs.
ART		Major Elective	3
ART		Major Elective (3000-4000 Level)	3
ART	3413	Art History II	3
ART		Major Elective	3
		Major Elective	3

Seventh Semester (15 hours)			Credit Hrs.
ART		Major Elective	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3

Eighth Semester (13 hours)			Credit Hrs.
ART	4693	Senior Thesis	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective	1

Bachelor of Arts Degree in Communication

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
		Elective	3
		General Education Social Science	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
		General Education American History or Political Science	3
		Elective	3
		General Education Social Science	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
COMM	2293	Intro. to Communication Studies	3
COMM	2023	Intro. to Electronic Communication	3
COMM	2223	Modern Media Literacy	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
COMM		Concentration Course	3
COMM	3363	Classical Rhetoric	3
COMM		Concentration Course	3
COMM	2203	Interpersonal Communication	3

Fifth Semester (15 hours)			Credit Hrs.
COMM	2273	Argumentation and Debate	3
COMM	3033	Communication Writing	3
COMM		Concentration Course	3
COMM		Concentration Course	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
COMM		Concentration Course	3
COMM		Concentration Course	3
COMM		Supportive Requirement	3
		Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
COMM	4653	Theories of Human Communication	3
		Communication Supportive Requirement or Elective	3
		Elective	3
		Elective	3
		Elective (Upper Level)	3

Eighth Semester (13 hours)			Credit Hrs.
COMM	4043	Modern Rhetoric	3
COMM		Concentration Course	3
		Elective (Upper Level)	3
		Elective (Upper Level)	3
		Elective	1

Bachelor of Arts Degree in English Concentration in Composition and Rhetoric

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
		General Education Communication	3
		Elective	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Elective	3
		General Education American History or Political Science	3
		General Education Social Science	3
		General Education Social Science	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science with Laboratory	4
ENGL	2323	Intro. to Literary Studies	3
ENGL	2223	Intro. to Creative Writing	3
		Supportive Requirement	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science with Laboratory	4
		Supportive Requirement	3
ENGL	2303	Creative Nonfiction Writing	3
ENGL	3333	Weevil Pond or	
ENGL	3453	Writing Center Internship	3
ENGL	3543	Creative Writing	3

Fifth Semester (15 hours)			Credit Hrs.
ENGL	3403	American Literature I	3
ENGL	3423	British Literature I	3
		Supportive Requirement	3
ENGL	4683	Seminar in Writing	3
ENGL		Major Elective	3

Sixth Semester (15 hours)			Credit Hrs.
ENGL	3413	American Literature II	3
ENGL	3433	British Literature II	3
ENGL	4703	Contemporary Writers or	
ENGL	4733	Minority Writers	3
ENGL	4753	Advance Grammar or	
ENGL	4593	Intro. to Language Study	3
		Supportive Requirement	3

Seventh Semester (15 hours)			Credit Hrs.
ENGL		Major Elective	3
ENGL	4763	Advanced Composition	3
ENGL		Major Elective	3
		Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
ENGL	4913	Senior Project in Creative Writing	3
ENGL		Major Elective	3
		Elective	3
		Elective	3
		Elective	1

Bachelor of Arts Degree in English Concentration in Creative Writing

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
		General Education Communication	3
		Elective	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Elective	3
		General Education American History or Political Science	3
		General Education Social Science	3
		General Education Social Science	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
ENGL	2323	Intro. to Literary Studies	3
ENGL	2223	Intro. to Creative Writing	3
		Supportive Requirement	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
		Supportive Requirement	3
ENGL	2303	Creative Nonfiction Writing	3
ENGL	3333	Weevil Pond or	
ENGL	3453	Writing Center Internship	3
ENGL	3543	Creative Writing	3

Fifth Semester (15 hours)			Credit Hrs.
ENGL	3403	American Literature I	3
ENGL	3423	British Literature I	3
		Supportive Requirement	3
ENGL	4683	Seminar in Writing	3
ENGL		Major Elective	3

Sixth Semester (15 hours)			Credit Hrs.
ENGL	3413	American Literature II	3
ENGL	3433	British Literature II	3
ENGL	4703	Contemporary Writers or	
ENGL	4733	Minority Writers	3
ENGL	4753	Advance Grammar or	
ENGL	4593	Intro. to Language Study	3
		Supportive Requirement	3

Seventh Semester (15 hours)			Credit Hrs.
ENGL		Major Elective	3
ENGL	4763	Advanced Composition	3
ENGL		Major Elective	3
		Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
ENGL	4913	Senior Project in Creative Writing	3
ENGL		Major Elective	3
		Elective	3
		Elective	3
		Elective	3

Bachelor of Arts Degree in English Concentration in Literature

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
		General Education Communication	3
		Elective	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Elective	3
		General Education American History or	
		Political Science	3
		General Education Social Science	3
		General Education Social Science	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science W/Lab	4
ENGL	2323	Intro. to Literary Studies	3
ENGL	3403	American Lit I	3
		Supportive Requirement	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science W/Lab	4
		Supportive Requirement	3
ENGL	2223	Intro. to Creative Writing	3
ENGL	3413	American Lit II	3
ENGL	3353	History & Development of Film or	
ENGL	4753	Film and Lit	3

Fifth Semester (15 hours)			Credit Hrs.
ENGL	3423	British Lit I	3
		Elective	3
		Supportive Requirement	3
ENGL	3543	Creative Writing or	
ENGL	3253	Technical Writing	3
ENGL	4623	Shakespeare	3

Sixth Semester (15 hours)			Credit Hrs.
ENGL	4613	British Novel or	
ENGL	4633	American Novel	3
ENGL	4703	Contemporary Writers	3
ENGL	4753	Advance Grammar or	
ENGL	4593	Intro. to Language Study	3
ENGL	3433	British Lit II	3
		Supportive Requirement	3

Seventh Semester (15 hours)			Credit Hrs.
ENGL		Major Elective	3
ENGL	4763	Advanced Composition	3
ENGL	4733	Minority Writers	3
ENGL		Major Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
ENGL		Major Elective	3
ENGL		Major Elective	3
		Elective	3
		Elective	3
		Elective	1

Bachelor of Arts Degree in Health and Physical Education (Non-Licensure)

9 Semester Program
Total Hours 123

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or	
MATH	1043	College Algebra (ACTS # MATH 1103)	3
PE	2272	First Aid/CPR	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation	3
PE	2703	Theory and Principles of PE and Coaching	3

Second Semester (15 hour)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
PE	1443	Team Sports	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013) or	
GEOG	1103	Gen Geography I (ACTS # GEOG 1103) or	
GEOG	2223	Gen Geography II or	
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
		Minor Course	3

Third Semester (13 hours)			Credit Hrs.
BIOL	2233	Anatomy and Physiology and	
BIOL	2291	Anatomy and Physiology Lab	4
PE	2203	Health and Wellness Promotion	3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2203	Interpersonal Communications or	
COMM	2283	Business and Professional Speech	3
		Minor Course	3

Fourth Semester (13 hours)			Credit Hrs.
PE	3422	Coaching of Basketball or	
PE	3382	Volleyball or	
PE	3392	Track or	
PE	3472	Football or	
PE	3372	Baseball/Softball	2
PE	2262	Officiating	2
		Minor Course	3
PE	2213	Gymnastics and Rhythmic Activities for Children	3
		Minor Course	3

Fifth Semester (12 hours)			Credit Hrs.
		Physical Science with Lab (Chemistry, Earth Science, Physics, or Astronomy)	4
PE	3553	Child Growth and Motor Development	3
PE	3422	Coaching Basketball or	
PE	3382	Volleyball or	
PE	3392	Track or	
PE	3472	Football or	
PE	3372	Baseball/Softball	2
		Minor Course	3

Sixth Semester (14 hours)			Credit Hrs.
PE	3503	Adapted PE	3
		Minor Course	3
PE	3422	Coaching Basketball or	
PE	3382	Volleyball	
PE	3392	Track or	
PE	3472	Football or	
PE	3372	Baseball/Softball	2
PE	2313	Care and Prevention of Athletic Injuries	3
PE	1453	Individual Sports	3

Seventh Semester (12 hours)			Credit Hrs.
EXSC	3323	Strength and Conditioning	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
PSY	1013	Intro. to Psychology or	
SOC	2213	Intro. to Sociology or	
GEOG	2113	Gen Geography I or	
GEOG	2223	Gen Geography II or	
HIST	1013	World History to 1500 or	
HIST	1023	World History Since 1500	3
PE	3523	Exercise Physiology	3

Eighth Semester (12 hours)			Credit Hrs.
PE	2113	Nutrition	3
PE	4713	Sports Administration	3
PE	4693	Health Methods	3
EXSC	4533	Sports Psychology	3

Ninth Semester (14 hours)			Credit Hrs.
PE	4663	Methods and Materials of PE	3
PE	4603	Physical Education Tests and Measurements	3
EXSC	4643	Anatomical Kinesiology	3
		Electives	5

Bachelor of Arts Degree in History

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
HIST	1013	World History to 1500 (ACTS # HIST 1113)	3
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or	
MATH	1043	College Algebra (ACTS # MATH 1103)	3
PSY	1013	Introduction to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Introduction to Sociology (ACTS # SOCI 1013)	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
COMM	2283	Business and Professional Speech or	
COMM	1023	Public Speech or	
COMM	2203	Interpersonal Communications	3
		General Education Science with Lab	4
		Course for Minor	3

Third Semester (16 hours)			Credit Hrs.
HIST	2213	American History I (ACTS # HIST 2113)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		General Education Science with Lab	4
		Minor Course	3
		Foreign Language	3

Fourth Semester (15 hours)			Credit Hrs.
HIST	2223	American History II (ACTS # HIST 2123)	3
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
GEOG	2213	General Geography (ACTS # GEOG 1103)	3
		Foreign Language	3
		Course for Minor	3

Fifth Semester (15 hours)			Credit Hrs.
HIST	3513	Historiography	3
HIST		American History (3000-4000 level)	3
HIST		Non-American History (3000-4000 level)	3
		Course for Minor (3000-4000 level)	3
		Course for Minor	3

Sixth Semester (15 hours)			Credit Hrs.
HIST		American History (3000-4000 level)	3
HIST		Non-American (3000-4000 level)	3
		Minor Course (3000-4000 level)	3
		Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
HIST		American History (3000-4000 level)	3
HIST		Non-American History (3000-4000 level)	3
		Elective	3
		Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
		Elective (3000-4000 level)	3
		Elective (3000-4000 level)	3
		Elective	3
		Elective	3
		Elective	1

Bachelor of Arts Degree in K-6 Elementary Education

9 Semester Program
Total Hours 125

First Semester (16 hours) ..... Credit Hrs.

ENGL	1013	Composition I (ACTS # ENGL 1013)	3
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation or	
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
BIOL	1063	Introduction to Biological Sciences and	
BIOL	1071	Lab (ACTS # BIOL 1004)	4

Second Semester (16 hours)..... Credit Hrs.

ENGL	1023	Composition II (ACTS # ENGL 1023)	3
EDUC	2233	Instructional Technology	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings	3
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
ESCI	1073	Earth and Atmosphere and	
ESCI	1081	Lab	4

Third Semester (12 hours) ..... Credit Hrs.

ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
SPED	2213	Characteristics of Exceptional Learning Needs	3
EDUC	2263	Learning and Development	3
PHYS	1003	Elements of Physics	3

Fourth Semester (12 hours)..... Credit Hrs.

HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123)	3
MAED	2243	Fundamentals of Geometric Concepts	3
EDUC	3573	Classroom Management	3
PE	2013	Health and Physical Education for Teachers	3

Fifth Semester (15 hours) ..... Credit Hrs.

EDUC	3013	K-6 Planning, Curriculum and Programming	3
MAED	3553	Number Systems	3
EDUC	3203	Educational Psychology: Developing Learners	3
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
GEOG	2213	Gen Geography I (ACTS # GEOG 1103)	3

Sixth Semester (15 hours)..... Credit Hrs.

EDUC	3583	Assessment Techniques	3
SPED	3413	Teaching and Assessing Students with Exceptional Learning Needs	3
CIS	2203	Programming Logic and Design	3
EDUC	3563	Effective Instructional and Management Strategies	3
READ	2023	Intro. to Teaching Reading	3

Seventh Semester (15 hours)..... Credit Hrs.

HIST	3593	Arkansas History	3
EDUC	3023	Scientific Concepts and Methods	3
EDUC	4013	Teaching Social Studies	3
EDUC	4023	Teaching Mathematics	3
READ	4013	Teaching Literacy	3

Eighth Semester (12 hours)..... Credit Hrs.

EDUC	4123	Advanced Teaching Mathematics	3
EDUC	4133	Advanced Assessment Techniques	3
READ	4143	Advanced Teaching Literacy	3
EDUC	460V	Clinical Internship I	3

Ninth Semester (12 hours) ..... Credit Hrs.

EDUC	463V	Clinical Internship II	12

Bachelor of Arts Degree in Liberal Arts

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics	3
		Fine Arts Appreciation	3
		Speech	3
		Gen Ed. Social Science	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Liberal Arts Core	3
		US History or Government	3
		Gen Ed. Social Science	3
		Basic Science with Lab	4

Third Semester (16 hours)			Credit Hrs.
		Basic Science with Lab	4
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
		Liberal Arts Core	3
		Liberal Arts Core	3
		Liberal Arts: Emphasis Area	3

Fourth Semester (15 hours)			Credit Hrs.
		Liberal Arts Core	3
		Liberal Arts Emphasis Area	3
		Elective	3
		Elective	3
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
		Elective	3
		Liberal Arts Emphasis Area	3
		Liberal Arts Core	3
		Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
		Liberal Arts Core	3
		Elective	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3

Seventh Semester (15 hours)			Credit Hrs.
		Liberal Arts Core	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3

Eighth Semester (13 hours)			Credit Hrs.
		Liberal Arts Core	3
		Liberal Arts: Emphasis Area	3
		Liberal Arts: Emphasis Area	3
		Elective	3
		Elective	1

Bachelor of Arts Degree in Middle Childhood Education (Language Arts/Mathematics Emphasis)

9 Semester Program
Total Hours 120

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro to Biology* (ACTS # BIOL 1004) and	
BIOL	1071	Intro to Biology Lab*	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (13 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings**	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)* or	
FA	1023	Film Appreciation*	3
		Elective (1000-4000 Level)*	1

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113)* or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)*	3
ENGL	2283	World Literature I (ACTS # ENGL 2113)** or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)**	3
EDUC	2233	Instructional Technology**	3
MATH	1043	College Algebra (ACTS # MATH 1103)*	3
READ	2023	Intro. to Teaching Reading**	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
MAED	2243	Fundamentals of Geometric Concepts*	3

Fifth Semester (12 hours)			Credit Hrs.
CIS	2203	Programming Logic & Design*	3
HIST	3593	Arkansas History*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
MAED	3553	Number Systems*	3

Sixth Semester (13 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
MAED	3563	Geometric Investigations*	3
READ	4013	Teaching Literacy**	3

Seventh Semester (15 hours)			Credit Hrs.
ENGL	3573	Literature for Adolescent*	3
ENGL	2323	Intro. to Literary Studies*	3
ENGL	3413	American Literature II*	3
ENGL	4753	Advanced Grammar*	3
EDUC	4023	Teaching Math**	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
READ	4143	Advanced Teaching Literacy**	3
EDUC	4123	Advanced Teaching Math**	3
EDUC	4133	Advanced Assessment**	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Middle Childhood Education (Language Arts/Science Emphasis)

9 Semester Program
Total Hours 121

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro. to Biology* and	
BIOL	1071	Lab*	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (13 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings**	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)* or	
FA	1023	Film Appreciation*	3
		Elective (1000-4000 Level)	1

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113)* or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)*	3
ENGL	2283	World Literature I (ACTS # ENGL 2113)* or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)*	3
EDUC	2233	Instructional Technology**	3
ESCI	1063	Elements of Geology*	3
READ	2023	Intro. to Teaching Reading**	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
HIST	3593	Arkansas History*	3

Fifth Semester (12 hours)			Credit Hrs.
CHEM	1103	General Chemistry I*	3
ESCI	1033	Astronomy*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
PHYS	2203	College Physics I*	3

Sixth Semester (13 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
READ	4013	Teaching Literacy	3
ENGL	3413	American Literature II*	3

Seventh Semester (15 hours)			Credit Hrs.
ENGL	3573	Literature for Adolescents*	3
ENGL	2323	Intro. to Literary Studies*	3
BIOL	2233	Anatomy and Physiology I*	3
ENGL	4753	Advanced Grammar*	3
CIS	2203	Programming Logic and Design*	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
READ	4143	Advanced Teaching Literacy**	3
EDUC	4133	Advanced Assessment**	3
EDUC	3023	Scientific Concepts and Methods	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Middle Childhood Education (Language Arts/Social Studies Emphasis)

9 Semester Program
Total Hours 120

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro. to Biology* and	
BIOL	1071	Lab*	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (12 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings*	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUS 1003)* or	
FA	1023	Film Appreciation*	3

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113)* or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)*	3
EDUC	2233	Instructional Technology**	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)*	3
READ	2023	Intro. to Teaching Reading*	3

Fourth Semester (13 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
		Elective (1000-4000 Level)	1

Fifth Semester (15 hours)			Credit Hrs.
HIST	2223	American History II (ACTS # HIST 2123)*	3
HIST	3593	Arkansas History*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
ENGL	2323	Intro. to Literary Studies*	3
CIS	2203	Programming Logic and Design	3

Sixth Semester (16 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
HIST	1023	World History Since 1500 (ACTS # HIST 1123)*	3
ENGL	3413	American Literature II*	3
PSCI	2213	American National Government (ACTS # PLSC 2003)*	3

Seventh Semester (12 hours)			Credit Hrs.
ENGL	3573	Literature for Adolescents*	3
READ	4013	Teaching Literacy**	3
GEOG	2213	General Geography I (ACTS # GEOG 1103)*	3
ENGL	4753	Advanced Grammar*	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
EDUC	4133	Advanced Assessment**	3
READ	4143	Advanced Teaching Literacy**	3
EDUC	4013	Teaching Social Studies	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Middle Childhood Education (Mathematics/Science Emphasis)

9 Semester Program
Total Hours 121

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro. to Biology* and	
BIOL	1071	Lab* (ACTS # BIOL 1004)	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (12 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings**	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1023	Film Appreciation*	3

Third Semester (13 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
		Elective*	1
ENGL	2283	World Literature I (ACTS # ENGL 2113)* or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)*	3
EDUC	2233	Instructional Technology**	3
MATH	1043	College Algebra (ACTS # MATH 1103)*	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
MAED	2243	Fundamentals of Geometric Concepts*	3

Fifth Semester (15 hours)			Credit Hrs.
CIS	2203	Programming Logic and Design*	3
HIST	3593	Arkansas History*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
MAED	3553	Number Systems*	3
ESCI	1033	Astronomy*	3

Sixth Semester (13 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
READ	2023	Intro. to Teaching Reading**	3
MAED	3563	Geometric Investigations*	3

Seventh Semester (15 hours)			Credit Hrs.
PHYS	2203	College Physics I*	3
CHEM	1103	General Chemistry I*	3
BIOL	2233	Anatomy and Physiology I*	3
ESCI	1063	Elements of Geology*	3
EDUC	4023	Teaching Math**	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
EDUC	4123	Advanced Teaching Math**	3
EDUC	4133	Advanced Assessment**	3
EDUC	3023	Scientific Concepts and Methods**	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Middle Childhood Education (Mathematics/Social Studies Emphasis)

9 Semester Program
Total Hours 120

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro. to Biology* and	
BIOL	1071	Lab* (ACTS # BIOL 1004)	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (12 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings**	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)* or	
FA	1023	Film Appreciation*	3

Third Semester (16 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113)*	3
		Elective*	1
ENGL	2283	World Literature I (ACTS # ENGL 2113)* or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)*	3
EDUC	2233	Instructional Technology**	3
MATH	1043	College Algebra (ACTS # MATH 1103)*	3
READ	2023	Intro. to Teaching Reading**	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
MAED	2243	Fundamentals of Geometric Concepts*	3

Fifth Semester (12 hours)			Credit Hrs.
CIS	2203	Programming Logic and Design*	3
HIST	3593	Arkansas History*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
MAED	3553	Number Systems*	3

Sixth Semester (13 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
HIST	1023	World History Since 1500 (ACTS # HIST 1123)*	3
MAED	3563	Geometric Investigations*	3

Seventh Semester (15 hours)			Credit Hrs.
PSCI	2213	American National Government (ACTS # PLSC 2003)*	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)*	3
GEOG	2213	General Geography I (ACTS # GEOG 1103)*	3
HIST	2223	American History II (ACTS # HIST 2123)*	3
EDUC	4023	Teaching Math**	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
EDUC	4123	Advanced Teaching Math**	3
EDUC	4133	Advanced Assessment**	3
EDUC	4013	Teaching Social Studies**	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Middle Childhood Education (Social Studies/Science Emphasis)

9 Semester Program
Total Hours 121

First Semester (13 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)*	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)*	3
BIOL	1063	Intro. to Biology* and	
BIOL	1071	Lab (ACTS # BIOL 1004)*	4
COMM	1023	Public Speaking (ACTS # SPCH 1003)* or	
COMM	2203	Interpersonal Communications* or	
COMM	2283	Business and Professional Speech*	3

Second Semester (12 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)*	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings**	3
HIST	2213	American History I (ACTS # HIST 2113)*	3
FA	1013	Fine Arts Appreciation* or	
ART	1053	Art Appreciation (ACTS # ARTA 1003)* or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)* or	
FA	1023	Film Appreciation*	3

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113)*	3
ENGL	2283	World Literature I (ACTS # ENGL 2113)* or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)*	3
EDUC	2233	Instructional Technology**	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)*	3
READ	2023	Intro. to Teaching Reading**	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)* or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)*	3
EDUC	2263	Learning and Development**	3
EDUC	3573	Classroom Management**	3
EDUC	3583	Assessment Techniques**	3
CIS	2203	Programming Logic and Design*	3

Fifth Semester (13 hours)			Credit Hrs.
HIST	2223	American History II (ACTS # HIST 2123)**	3
HIST	3593	Arkansas History*	3
EDUC	3203	Educational Psychology: Developing Learners**	3
CHEM	1103	General Chemistry I*	3
		Elective (1000-4000 Level)	1

Sixth Semester (16 hours)			Credit Hrs.
EDUC	3563	Effective Instructional and Management Strategies**	3
ESCI	1073	Earth and Atmosphere* and	
ESCI	1081	Lab*	4
HIST	1023	World History Since 1500 (ACTS # HIST 1123)*	3
ESCI	1063	Elements of Geology*	3
PSCI	2213	American National Government (ACTS # PLSC 2003)*	3

Seventh Semester (12 hours)			Credit Hrs.
ESCI	1033	Astronomy	3
PHYS	2203	College Physics I (ACTS PHYS 2014)*	3
GEOG	2213	General Geography I (ACTS # GEOG 1103)*	3
BIOL	2233	Anatomy and Physiology I*	3

Eighth Semester (12 hours)			Credit Hrs.
EDUC	460V	Clinical Internship I	3
EDUC	4133	Advanced Assessment**	3
EDUC	3023	Scientific Concepts and Methods**	3
EDUC	4013	Teaching Social Studies	3

Ninth Semester (12 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	12

* A grade of C or better is required.

** A grade of B or better is required.

Bachelor of Arts Degree in Modern Languages

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts	3
		General Education Communication	3
		General Education Social Science	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Elective	3
		General Education American History or Political Science	3
		General Education Social Science	3
		Elective	3

Third Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
FREN/SPAN		Major Requirement	3
FREN/SPAN		Major Requirement	3
MODL	2303	Supportive Requirement Latin I	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Science with Lab	4
		Elective	3
FREN/SPAN		Major Requirement	3
FREN/SPAN		Major Requirement	3
MODL LANG		Supportive Requirement	3

Fifth Semester (15 hours)			Credit Hrs.
FREN/SPAN		Major Requirement	3
FREN/SPAN		Major Requirement OR Major Elective	3
FREN/SPAN		Major Elective	3
		Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
		Elective	3
		Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
FREN/SPAN		Major Elective	3
		Elective (Upper Level)	3
		Elective (Upper Level)	3

Bachelor of Arts Degree in Music Instrumental Concentration

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH		General Education Mathematics	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1
MUS	1142	Piano Class I	2
MUS		Music Elective (3000-4000 Level)	1
PMUS		Applied Music	2

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM		Speech Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Third Semester (14 hours)			Credit Hrs.
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	2213	Music Theory III	3
MUS	2231	Ear Training and Sight Singing III	1
MUS		Music Elective (3000-4000 Level)	1
PMUS		Applied Music	2

Fourth Semester (15 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
		Elective	3
MUS		Major Ensemble	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
MUS		Music Elective (3000-4000 Level)	2
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2233	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
PMUS		Applied Music	2

Fifth Semester (16 hours)			Credit Hrs.
MUS		Music Elective (3000-4000 Level)	1
MUS	1040	Recitals/Concerts/Productions	0
MUS	4712	Instrumental Conducting	2
		Science Course w/Laboratory	4
MUS		Music Ensemble	1
MUS	3563	Music History I	3
		Social Science Elective	3
PMUS		Applied Music	2

Sixth Semester (15 hours)			Credit Hrs.
		Social Science Elective	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	3573	Music History II	3
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Seventh Semester (14 hours)			Credit Hrs.
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1072	Music Technology	2
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Eighth Semester (14 hours)			Credit Hrs.
		Science Course w/Laboratory	4
		Elective	3
MUS		Major Ensemble	1
MUS		Music Elective (3000-4000 Level)	2
		Social Science Elective	3
MUS		Recitals/Concerts/Productions	0
PMUS	4011	Senior Recital/Project	1

Bachelor of Arts Degree in Music Jazz Concentration

8 Semester Program
Total Hours 120

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH		General Education Mathematics	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1
MUS	2161	Jazz Improvisation I	1
PMUS		Applied Music	2

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM		Speech Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1
MUS	3353	History of Jazz	3
PMUS		Applied Music	2

Third Semester (17 hours)			Credit Hrs.
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	2213	Music Theory III	3
MUS	2231	Ear Training and Sight Singing III	1
		Social Science Elective	3
MUS	2171	Jazz Combo I	1
PMUS		Applied Music	2

Fourth Semester (15 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
		Elective	3
MUS		Major Ensemble	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS	3311	Jazz Improvisation II	1
MUS	3181	Jazz Combo II	1
PMUS		Applied Music	2

Fifth Semester (16 hours)			Credit Hrs.
MUS		Elective	2
MUS	1040	Recitals/Concerts/Productions	0
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2233	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government	
		(ACTS # PLSC 2003)	3
		Science Course w/Laboratory	4
MUS		Major Ensemble	1
MUS	3563	Music History I	3
MUS	3591	Jazz Ensemble	1
PMUS		Applied Music	2

Sixth Semester (15 hours)			Credit Hrs.
		Social Science Elective	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	3573	Music History II	3
MUS	3363	Jazz Theory and Arranging	3
PMUS		Applied Music	2

Seventh Semester (14 hours)			Credit Hrs.
		Elective	3
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1072	Music Technology	2
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Eighth Semester (13 hours)			Credit Hrs.
		Science Course w/Laboratory	4
		Elective	3
MUS		Major Ensemble	1
		Music Elective (3000-4000 Level)	2
		Elective	2
MUS		Recitals/Concerts/Productions	0
PMUS	4011	Senior Recital/Project	1

Bachelor of Arts Degree in Music Piano Concentration

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH		Mathematics (1000 Level)	3
MUS	1051	Piano Repertoire	1
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1
MUS		Music Elective (3000-4000 Level)	1
PMUS		Applied Music	2

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM		Speech Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	2
MUS		Music Elective (3000-4000 Level)	1
PMUS		Applied Music	2

Third Semester (16 hours)			Credit Hrs.
		Elective	3
MUS	1072	Music Technology	2
MUS		Music Elective (3000-4000 Level)	1
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	2213	Music Theory III	3
MUS	2231	Ear Training and Sight Singing III	1
HIST	1013	World History to 1500 (ACTS # HIST 1113 or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
PMUS		Applied Music	2

Fourth Semester (16 hours)			Credit Hrs.
		Elective	3
MUS		Recitals/Concerts/Productions	0
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS		Major Ensemble	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2233	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
PMUS		Applied Music	2

Fifth Semester (15 hours)			Credit Hrs.
MUS	4712	Instrumental Conducting or	
MUS	4722	Choral Conducting	2
MUS	1040	Recitals/Concerts/Productions	0
		Social Science Elective	3
MUS		Major Ensemble	1
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		Science Course w/Laboratory	4
PMUS		Applied Music	2

Sixth Semester (14 hours)			Credit Hrs.
		Social Science Elective	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS		Music Elective (3000-4000 Level)	5
PMUS		Applied Music	2

Seventh Semester (14 hours)			Credit Hrs.
MUS	3563	Music History I	3
MUS	4632	Piano Pedagogy	2
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Eighth Semester (15 hours)			Credit Hrs.
MUS	3573	Music History II	3
		Science Course w/Laboratory	4
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
		Music Elective (3000-4000 Level)	3
		Elective	3
PMUS	4011	Senior Recital/Project	1

Bachelor of Arts Degree in Music
Voice Concentration

8 Semester Program
Total Hours 120

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH		1000-Level Mathematics	3
MUS	1040	Recitals/Concerts/Productions	0
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1
MUS		Music Elective (3000-4000 Level)	1
PMUS		Applied Music	2

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM		Speech Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Third Semester (15 hours)			Credit Hrs.
		Foreign Language Elective	3
MUS		Music Elective (3000-4000 Level)	2
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	2213	Music Theory III	3
MUS	2231	Ear Training and Sight Singing III	1
		Social Science Elective	3
PMUS		Applied Music	2

Fourth Semester (15 hours)			Credit Hrs.
MUS		Music Elective (3000-4000 Level)	2
MUS	1040	Recitals/Concerts/Productions	0
		Social Science Elective	3
MUS		Major Ensemble	1
MUS	3563	Music History I	3
		Science Course w/Laboratory	4
PMUS		Applied Music	2

Fifth Semester (15 hours)			Credit Hrs.
MUS		Music Elective (3000-4000 Level)	1
MUS	1040	Recitals/Concerts/Productions	0
MUS	4712	Instrumental Conducting	2
MUS		Music Ensemble	1
		Social Science Elective	3
PMUS		Applied Music	2

Sixth Semester (15 hours)			Credit Hrs.
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		Elective	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	3573	Music History II	3
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Seventh Semester (16 hours)			Credit Hrs.
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2233	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government	
		(ACTS # PLSC 2003)	3
MUS	4722	Choral Conducting	2
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS	1072	Music Technology	2
MUS		Music Elective (3000-4000 Level)	3
PMUS		Applied Music	2

Eighth Semester (14 hours)			Credit Hrs.
		General Education Elective	3
		Science Course w/Laboratory	4
MUS		Recitals/Concerts/Productions	0
MUS		Major Ensemble	1
MUS		Music Elective (3000-4000 Level)	2
		Elective	3
PMUS	4011	Senior Recital/Project	1

Bachelor of Arts Degree in Political Science

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123)	3
MATH		General Education Math	3
		General Education Social Science	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
PSCI	2233	Comparative Politics	3
COMM		General Education Communications	3
		General Education Social Science	3
		Course for Minor	3

Third Semester (16 hours)			Credit Hrs.
PSCI	2283	Research Methods in Social Sciences (Same as CJ 2283)	3
PSCI	4683	Western Political Theory	3
		General Education Humanities	3
		General Education Science with Lab	4
		Minor Course	3

Fourth Semester (16 hours)			Credit Hrs.
		General Education Fine Arts	3
		General Education Science with Lab	4
		Minor Course	3
		Elective	3
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
PSCI	3313	Statistics for the Social Sciences (same as CJ 3313)	3
PSCI		Elective (3000-4000 level)	3
		Foreign Language	3
		Minor Course	3
		Minor Course	3

Sixth Semester (15 hours)			Credit Hrs.
PSCI		Elective (3000-4000 level)	3
		Elective	3
		Foreign Language	3
		Minor Course (3000-4000 level)	3
		Minor Course (3000-4000 level)	3

Seventh Semester (15 hours)			Credit Hrs.
PSCI		Elective (3000-4000 level)	3
PSCI		Elective (3000-4000 level)	3
		Elective (3000-4000 level)	3
		Elective	3
		Minor Course (3000-4000 level)	3

Eighth Semester (13 hours)			Credit Hrs.
PSCI		Elective (3000-4000 level)	3
PSCI		Elective (3000-4000 level)	3
		Elective (3000-4000 level)	3
		Elective	3
		Elective	1

Bachelor of Applied Science Degree

8 Semester Program
Total Hours 125

This program plan depends heavily upon the technical program selected. A technical program may require more than 45 hours and/or a different arrangement of the technical coursework any given semester.

First Semester (15 hours)		**Credit Hrs.**
		Technical Program hours 15

Second Semester (15 hours)		**Credit Hrs.**
		Technical Program hours 15

Third Semester (18 hours)		**Credit Hrs.**
		Technical Program hours 15
ENGL	1013	Composition I (ACTS # ENGL 1013) 3

Fourth Semester (15 hours)		**Credit Hrs.**
ENGL	1023	Composition II (ACTS # ENGL 1023) 3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or
MATH	1103	Quantitative Literacy with Review (ACTS # MATH 1113) 3
CIS	1013	Intro. to Computer Systems or
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003) 3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or
FA	1013	Fine Arts Appreciation or
FA	1023	Film Appreciation or
MUS	1113	Music Appreciation (ACTS # MUSC 1003) 3
HIST	2213	American History I (ACTS # HIST 2113) or
HIST	2223	American History II (ACTS # HIST 2123) or
PSCI	2213	American National Government (ACTS # PLSC 2003) 3

Fifth Semester (16 hours)		**Credit Hrs.**
ENGL	2283	World Literature I (ACTS # ENGL 2113) or
ENGL	2293	World Literature II (ACTS # ENGL 2123) 3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or
COMM	2203	Interpersonal Communications or
COMM	2283	Business and Professional Speech 3
		Science with Lab (Chemistry, Earth Science, Physics, or Biological Science) 4
		General Education Social Science 3
MKT	3403	Principles of Marketing or
COMM	3453	Persuasion 3

Sixth Semester (16 hours)		**Credit Hrs.**
		Science with Lab (Chemistry, Earth Science, Physics, or Biological Science) 4
		General Education Social Science 3
MGMT	3463	Leadership or
MGMT	3473	Principles of Management 3
SOC	3453	Race and Ethnic Relations or
COMM	3413	Intercultural Communication 3
CIS	4263	Ethics in Information Technology or
GB	3493	Business Ethics or
PHIL	3623	Ethics 3

Seventh Semester (15 hours)		**Credit Hrs.**
COMM	3033	Communication Writing or
ENGL	3253	Technical Writing and Communication 3
		Academic and Professional Core List 12

Eighth Semester (15 hours)		**Credit Hrs.**
		Academic and Professional Core List 15

Bachelor of Business Administration Degree in Accounting

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics Requirement	3
		Social Studies Requirement	3
		Communication Requirement	3
		Science Requirement with Lab	4

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Science Requirement with Lab	4
		American History or US Government	3
		Social Science Requirement	3
		Fine Arts Appreciation Requirement	3

Third Semester (13 hours)			Credit Hrs.
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
		Humanities Requirement	3
		Non Business Elective	1

Fourth Semester (15 hours)			Credit Hrs.
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3
GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
		Non-Business Elective	3

Fifth Semester (15 hours)			Credit Hrs.
ACCT	3403	Intermediate Accounting I	3
ACCT	3433	Cost Accounting I	3
GB	3353	International Business	3
MGMT	3473	Principles of Management	3
GB	3233	Business Statistics II	3

Sixth Semester (15 hours)			Credit Hrs.
ACCT	3413	Intermediate Accounting II	3
FIN	3473	Principles of Finance	3
ACCT		Accounting Elective	3
GB	2043	Business Communications (ACTS # BUSI 2013)	3
MKT	3403	Principles of Marketing	3

Seventh Semester (15 hours)			Credit Hrs.
ACCT	4723	Advanced Accounting I	3
ACCT	4683	Federal Income Tax I	3
ACCT	4773	Auditing	3
MGMT	4643	Production Operations Management	3
ACCT		Accounting Elective	3

Eighth Semester (15 hours)			Credit Hrs.
MGMT	4653	Strategic Management	3
ACCT	4693	Federal Income Tax II	3
ACCT	4513	Accounting Information Systems	3
ACCT	4733	Advanced Accounting II	3
GB	3493	Business Ethics	3

Bachelor of Business Administration Degree
Emphasis in Finance

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics Requirement	3
		Social Science Requirement	3
		Elective	3
		Science Requirement with Lab	4

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II	3
		Fine Arts Appreciation Requirement	3
		Science Requirement with Lab	4
		Communication Requirement	3
		Elective	3

Third Semester (15 hours)			Credit Hrs.
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3
		US History or US Government	3
		Humanities Requirement	3
		Elective	3

Fourth Semester (15 hours)			Credit Hrs.
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		Social Science Requirement	3
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
GB	2043	Business Communications (ACTS # BUSI 2013)	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
FIN	3473	Principles of Finance	3
MGMT	3473	Principles of Management	3

Sixth Semester (15 hours)			Credit Hrs.
ECON	3453	Money, Banking, and Credit	3
MGMT	4613	Management Information Systems	3
GB	3233	Business Statistics II	3
GB	3353	International Business	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
GB	3493	Business Ethics	3
FIN	4603	Financial Policy and Planning	3
MGMT	4643	Production/Operations Management	3
MKT	3403	Principles of Marketing	3
		Finance Elective	3

Eighth Semester (13 hours)			Credit Hrs.
MGMT	4653	Strategic Management	3
FIN	4613	Investments	3
		Finance Elective	3
		Non-Business Electives	4

Bachelor of Business Administration Degree
Emphasis in General Business

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics Requirement	3
		Social Science Requirement	3
		Communication Requirement	3
		Fine Arts Requirement	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		Science Requirement with Lab	4
		Electives	6

Third Semester (15 hours)			Credit Hrs.
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3
		Social Science Requirement	3
		Humanities Requirement	3
		Elective	3

Fourth Semester (16 hours)			Credit Hrs.
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
		Science Requirement with Lab	4
		US History or US Government	3

Fifth Semester (15 hours)			Credit Hrs.
		Business Area I	3
GB	3233	Business Statistics II	3
MKT	3403	Principles of Marketing	3
GB	2043	Business Communications (ACTS # BUSI 2013)	3
MGMT	3473	Principles of Management	3

Sixth Semester (15 hours)			Credit Hrs.
GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
FIN	3473	Principles of Finance	3
		Business Area I	3
GB	3353	International Business	3
GB	3493	Business Ethics	3

Seventh Semester (15 hours)			Credit Hrs.
MGMT	4613	Management Information Systems	3
		Business Area II	3
		Business Area III	3
		Business Area III	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
MGMT	4653	Strategic Management	3
		Business Area II	3
MGMT	4643	Production/Operations Management	3
		Non-Business Electives	4

Bachelor of Business Administration Degree
Emphasis in Management

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics Requirement	3
		Social Science Requirement	3
		Communication Requirement	3
		Fine Arts Requirement	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		Science Course with Lab	4
		Elective	3
		US History or US Government	3

Third Semester (16 hours)			Credit Hrs.
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3
		Social Science Requirement	3
		Humanities Requirement	3
		Science Requirement with Lab	4

Fourth Semester (15 hours)			Credit Hrs.
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
MGMT	3473	Principles of Management	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3

Fifth Semester (15 hours)			Credit Hrs.
GB	2043	Business Communications (ACTS # BUSI 2013)	3
GB	3233	Business Statistics II	3
MKT	3403	Principles of Marketing	3
		Management Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
GB	3493	Business Ethics	3
GB	3353	International Business	3
MGMT	4613	Management Information Services	3
FIN	3473	Principles of Finance	3
		Management Elective	3

Seventh Semester (15 hours)			Credit Hrs.
MGMT	4643	Production/Operations Management	3
MGMT	4663	Organization Behavior and Theory	3
		Management Elective	3
		Electives	6

Eighth Semester (13 hours)			Credit Hrs.
MGMT	4653	Strategic Management	3
MGMT	4633	Human Resource Management	3
		Elective	3
		Non-Business Electives	4

Bachelor of Business Administration Degree
Emphasis in Marketing

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		Mathematics Requirement	3
		Social Science Requirement	3
		Communication Requirement	3
		Elective	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		Fine Arts Requirement	3
		Science Requirement with Lab	4
		Social Science Requirement	3

Third Semester (15 hours)			Credit Hrs.
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
		Humanities Requirement	3
		US History or US Government	3
		Elective	3

Fourth Semester (16 hours)			Credit Hrs.
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
MKT	3403	Principles of Marketing	3
		Science Requirement with Lab	4

Fifth Semester (15 hours)			Credit Hrs.
GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
GB	3233	Business Statistics II	3
MKT	3463	Consumer Behavior	3
GB	2043	Business Communications (ACTS # BUSI 2013)	3
MGMT	3473	Principles of Management	3

Sixth Semester (15 hours)			Credit Hrs.
MGMT	4643	Production/Operations Management	3
FIN	3473	Principles of Finance	3
MGMT	4613	Management Information Services	3
		Marketing Requirement or Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
MGMT	4623	Marketing Research	3
GB	3353	International Business	3
GB	3493	Business Ethics	3
		Marketing Requirement or Elective	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
MGMT	4653	Strategic Management	3
MGMT	4663	Marketing Management	3
		Elective	3
		Non-Business Electives	4

Bachelor of Interdisciplinary Studies Degree

8 Semester Program
Total Hours 120

First Semester (15 hours)			**Credit Hrs.**
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		Gen. Ed. Social Science Requirement	3
		Gen. Ed. Fine Arts Appreciation Requirement	3
		Gen. Ed. Communications Requirement	3

Second Semester (16 hours)			**Credit Hrs.**
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		Gen. Ed. Social Science Requirement	3
		Gen. Ed. American History or Government	3
		Gen. Ed. Science w/Lab	4
		Elective	3

Third Semester (16 hours)			**Credit Hrs.**
		General Education Humanities Requirement	3
		Gen. Ed. Science w/Lab	4
		Electives	9

Fourth Semester (15 hours)			**Credit Hrs.**
		Primary Theme	6
		Secondary Theme	3
		Elective	3
		Elective (3000-4000 level)	3

Fifth Semester (15 hours)			**Credit Hrs.**
		Primary Theme (3000-4000 level)	6
		Secondary Theme	3
		Elective	3
		Elective (3000-4000 level)	3

Sixth Semester (15 hours)			**Credit Hrs.**
		Primary Theme	3
		Primary Theme (3000-4000 level)	6
		Secondary Theme (3000-4000 level)	3
		Electives (3000-4000 level)	3

Seventh Semester (15 hours)			**Credit Hrs.**
		Primary Theme	6
		Primary Theme (3000-4000 level)	3
		Secondary Theme	3
		Secondary Theme (3000-4000 level)	3

Eighth Semester (13 hours)			**Credit Hrs.**
		Primary Theme (3000-4000 level)	3
		Primary Theme	3
		Secondary Theme (3000-4000 level)	3
		Electives (3000-4000 level)	3
UST	4001	Interdisciplinary Studies Capstone	1

**A student must select a primary theme and a secondary theme. The themes can be found in the General Studies section of this catalog.

Bachelor of Music Education Degree Instrumental Concentration

9 Semester Program
Total Hours 130

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts Appreciation	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS	4671	Marching Band	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1

Second Semester (13 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Communication Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Applied Music	2
MUS	4751	Wind Symphony	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1

Third Semester (17 hours)			Credit Hrs.
		General Education Science with Lab	4
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS	4671	Marching Band	1
MUS	2213	Music Theory II	3
MUS	2231	Ear Training and Sight Singing III	1

Fourth Semester (17 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
		General Education Science with Lab	4
PMUS		Applied Music (3000-4000 Level)	2
MUS	4751	Wind Symphony	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
		General Education Social Science Requirement	3
		General Education Social Science Requirement	3

Fifth Semester (14 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4671	Marching Band	1
MUS	4712	Instrumental Conducting	2
MUS	3563	Music History I	3
EDUC	1143	Education for Schools and Society	3
MUS	3441	Woodwind Class	1
MUS	3481	Brass Class	1
MUS	3491	Percussion Class	1

Sixth Semester (12 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4751	Wind Symphony	1
MUS	3573	Music History II	3
MUS	4613	Secondary Instrumental Methods	3
MUS	3583	Elementary Music Methods	3

Seventh Semester (12 hours)			Credit Hrs.
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4671	Marching Band	1
EDUC	2253	Needs of Diverse Learners	3
EDUC	3203	Educational Psychology: Dev Learners	3

Eighth Semester (14 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
PMUS	4011	Senior Recital Project	1
EDUC	460V	Clinical Internship I	6
MUS	4722	Choral Conducting	2
MUS	3501	String Class	1
MUS	1072	Music Technology	2

Ninth Semester (15 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	15

Bachelor of Music Education Degree Piano Concentration

9 Semester Program
Total Hours 131

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts Appreciation	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS		Concert Choir	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1

Second Semester (14 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Communication Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Applied Music	2
MUS	4691	Concert Choir	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1
MUS	1051	Piano Pedagogy	1

Third Semester (17 hours)			Credit Hrs.
		General Education Science with Lab	4
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS	4691	Concert Choir	1
MUS	2213	Music Theory III	3
MUS	2231	Ear Training and Sight Singing III	1

Fourth Semester (17 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
		General Education Science with Lab	4
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
		General Education Social Science Requirement	3
		General Education Social Science Requirement	3

Fifth Semester (15 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	4722	Choral Conducting	2
MUS	3563	Music History I	3
EDUC	1143	Education for Schools and Society	3
MUS	3322	Vocal Pedagogy	2
MUS	4632	Piano	2

Sixth Semester (12 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	3573	Music History II	3
MUS	4783	Secondary Vocal Methods	3
MUS	3583	Elementary Music Methods	3

Seventh Semester (12 hours)			Credit Hrs.
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
EDUC	2253	Needs of Diverse Learners	3
EDUC	3203	Educational Psychology: Developing Learners	3

Eighth Semester (13 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
PMUS	4011	Senior Recital Project	1
EDUC	460V	Clinical Internship I	6
MUS	4722	Choral Conducting	2
MUS	1072	Music Technology	2

Ninth Semester (15 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	15

Bachelor of Music Education Degree Vocal Concentration

9 Semester Program
Total Hours 130

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Mathematics	3
		General Education Fine Arts Appreciation	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS	4691	Concert Choir	1
MUS	1023	Music Theory I	3
MUS	1061	Ear Training and Sight Singing I	1

Second Semester (13 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Communication Requirement	3
MUS	1040	Recitals/Concerts/Productions	0
MUS		Applied Music	2
MUS	4691	Concert Choir	1
MUS	1033	Music Theory II	3
MUS	1091	Ear Training and Sight Singing II	1

Third Semester (17 hours)			Credit Hrs.
		General Education Science with Lab	4
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
MUS	4691	Concert Choir	1
MUS	2213	Music Theory II	3
MUS	2231	Ear Training and Sight Singing III	1

Fourth Semester (17 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
		General Education Science with Lab	4
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	2223	Music Theory IV	3
MUS	2241	Ear Training and Sight Singing IV	1
		General Education Social Science Requirement	3
		General Education Social Science Requirement	3

Fifth Semester (13 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	4722	Choral Conducting	2
MUS	3563	Music History I	3
EDUC	1143	Education for Schools and Society	3
MUS	2292	Diction for Singers	2

Sixth Semester (14 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
MUS	3573	Music History II	3
MUS	4783	Secondary Vocal Methods	3
MUS	3583	Elementary Music Methods	3
MUS	3322	Vocal Pedagogy	2

Seventh Semester (12 hours)			Credit Hrs.
MUS	3413	Music Analysis and Literature	3
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music (3000-4000 Level)	2
MUS	4691	Concert Choir	1
EDUC	2253	Needs of Diverse Learners	3
EDUC	3203	Educational Psychology	3

Eighth Semester (13 hours)			Credit Hrs.
MUS	1040	Recitals/Concerts/Productions	0
PMUS		Applied Music	2
PMUS	4011	Senior Recital Project	1
EDUC	460V	Clinical Internship I	6
MUS	4722	Choral Conducting	2
MUS	1072	Music Technology	2

Ninth Semester (15 hours)			Credit Hrs.
EDUC	463V	Clinical Internship II	15

Bachelor of Science Degree in Agriculture Agri-Business Option

8 Semester Program
Total Hours 120

First Semester (16 hours) ..... Credit Hrs.

AGRI	1101	Agriculture Orientation	1
ANSC	1003	Principles of Animal Science w/Lab	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3

Second Semester (15 hour) ..... Credit Hrs.

ENGL	1023	Composition II (ACTS # ENGL 1023)	3
AGRO	1033	Principles of Field Crops	3
BIOL	1063	Intro. to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
		Elective	2

Third Semester (15 hours) ..... Credit Hrs.

CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
AGEC	2273	Agricultural Economics	3
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
		Elective	2

Fourth Semester (16 hours)..... Credit Hrs.

ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
ENTO	2283	Applied Entomology	3
ANSC	2213	Feeds and Feeding	3
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ECON	2203	Principles of Macroeconomics (ACTS # ECON 2103)	3

Fifth Semester (14 hours) ..... Credit Hrs.

AGRO	2244	Soils & Lab	4
ECON	2113	Business Statistics I (ACTS # BUSI 2103) or	
PSY	2203	Statistical Methods	3
ANSC	3474	Beef Production w/Lab	4
AGEC	4623	Farm Management	3

Sixth Semester (16 hours) ..... Credit Hrs.

GB	2533	Legal Environment of Business (ACTS # BLAW 2003)	3
AGEC	4613	Agricultural Policy	3
AGEC	4803	Agribusiness Firm Management	3
AGRO	3503	Cereal Crops	3
BIOL	2153	General Zoology and	
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054) or	
BIOL	2143	General Botany and	
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	4

Seventh Semester (15 hours)..... Credit Hrs.

AGRO	3453	Forage Crops	3
AGEC	4683	Commodity Marketing	3
AGEC	4823	Economics of Environmental Management	3
ENGL	3253	Technical Writing	3
		Elective	3

Eighth Semester (13 hours)..... Credit Hrs.

AGEC	4703	Contract Marketing and Futures	3
MGMT	3473	Principles of Management	3
AGRI	4771	Seminar	1
AGEC	4713	Agricultural Finance	3
ANSC	3463	Poultry Production	3

Bachelor of Science Degree in Agriculture Animal Science Option

8 Semester Program
Total Hours 120

First Semester (16 hours) ..... Credit Hrs.

AGRI	1101	Agriculture Orientation	1
ANSC	1003	Principles of Animal Science	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3

Second Semester (16 hour) ..... Credit Hrs.

ENGL	1023	Composition II (ACTS # ENGL 1023)	3
AGRO	1033	Principles of Field Crops	3
BIOL	1063	Intro. to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
HIST	2213	American History I (ACTS # HIST 2113)	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013	3

Third Semester (15 hours) ..... Credit Hrs.

AGEC	2273	Agricultural Economics	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
ANSC	2223	Anatomy and Physiology of Domestic Animals	3

Fourth Semester (13 hours)..... Credit Hrs.

ANSC	2213	Feeds and Feeding	3
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENTO	2283	Applied Entomology	3
		Elective	3

Fifth Semester (17 hours)..... Credit Hrs.

AGRO	2244	Soils & Lab	4
ANSC	3413	Livestock Breeding	3
ANSC	3474	Beef Production	4
AGEC	4623	Farm Management	3
CHEM	2203	Introduction to Organic and Biochemistry	3

Sixth Semester (16 hours) ..... Credit Hrs.

BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1
ANSC	3463	Poultry Production	3
ANSC	3523	Horse Production	3
ANSC	4633	Animal Metabolism & Nutrition	3
ENGL	3253	Technical Writing	3

Seventh Semester (12 hours)..... Credit Hrs.

AGRO	3453	Forage Crops	3
PSY	2203	Statistical Methods	3
AGEC	4683	Commodity Marketing	3
		Elective	3

Eighth Semester (14 hours) ..... Credit Hrs.

BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
AGRI	4771	Seminar	1
ANSC	4643	Diseases of Domestic Animals	3
ANSC	4653	Reproduction of Farm Animals	3
		Elective	3

Bachelor of Science Degree in Agriculture General Agriculture Option

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
AGRI	1101	Agriculture Orientation	1
ANSC	1003	Principles of Animal Science	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3

Second Semester (14 hour)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
AGRO	1033	Principles of Field Crops	3
BIOL	1063	Introduction to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
		Elective	1

Third Semester (16 hours)			Credit Hrs.
AGEC	2273	Agricultural Economics	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
HORT+	2443	Principles of Horticulture and Lab	3
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3

Fourth Semester (13 hours)			Credit Hrs.
ANSC	2213	Feeds and Feeding	3
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENTO	2283	Applied Entomology	3
HIST	2213	American History I (ACTS # HIST 2113)	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3

Fifth Semester (16 hours)			Credit Hrs.
AGRO	2244	Soils and Lab	4
AGEC	4623	Farm Management	3
AGRO+	3513	Fiber and Oilseed Crops	3
AGRO+	2053	Applied Plant Pathology	3
AGRO	3453	Forage Crops	3

Sixth Semester (16 hours)			Credit Hrs.
AGRO	3503	Cereal Crops	3
AGEN+	2263	Soil and Water Conservation and Lab	3
ANSC	3523	Horse Production	3
AGEC	4613	Agriculture Policy	3
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1

Seventh Semester (16 hours)			Credit Hrs.
ENGL	3253	Technical Writing	3
AGEC	4823	Economics of Environmental Management	3
AGEC	4683	Commodity Marketing	3
ANSC	3474	Beef Production	4
PSY	2203	Statistical Methods	3

Eighth Semester (13 hours)			Credit Hrs.
AGRI	4771	Seminar	1
ANSC	3463	Poultry Production	3
ANSC	4653	Reproduction of Farm Animals	3
AGEC	4713	Agricultural Finance	3
AGRO	3533	Introduction to Weed Science w/Lab	3

+ Courses taught every other year.

Bachelor of Science Degree in Agriculture Plant and Soil Science Option

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
AGRI	1101	Agriculture Orientation	1
ANSC	1003	Principles of Animal Science w/lab	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3

Second Semester (16 hour)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
AGRO	1033	Principles of Field Crops	3
BIOL	1063	Intro. to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
HIST	2213	American History I (ACTS # HIST 2113)	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3

Third Semester (16 hours)			Credit Hrs.
AGEC	2273	Agricultural Economics	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
HORT	2443	Principles of Horticulture and Lab	3
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3

Fourth Semester (13 hours)			Credit Hrs.
ESCI	1063	Elements of Geology	3
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENTO	2283	Applied Entomology	3
AGRO	3503	Cereal Crops	3

Fifth Semester (16 hours)			Credit Hrs.
AGRO	2244	Soils and Lab	4
AGEC	4623	Farm Management	3
AGRO	2053	Applied Plant Pathology w/lab	3
AGRO	3513	Fiber and Oilseed Crops	3
CHEM	2203	Introduction to Organic & Biochemistry	3

Sixth Semester (14 hours)			Credit Hrs.
AGEN	2263	Soil and Water Conservation w/Lab	3
AGRO	4743	Soil Fertility	3
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
		Elective	4

Seventh Semester (15 hours)			Credit Hrs.
AGRO	3453	Forage Crops	3
PSY	2203	Statistical Methods	3
AGEC	4683	Commodity Marketing	3
ENGL	3253	Technical Writing	3
		Elective	3

Eighth Semester (14 hours)			Credit Hrs.
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Laboratory	1
AGRI	4771	Seminar	1
AGEC	4613	Agriculture Policy	3
AGRO	3533	Introduction to Weed Science w/Lab	3
AGRO	4753	Crop Physiology	3

Bachelor of Science Degree in Agriculture
Site Specific Management Option

8 Semester Program
Total Hours 120

First Semester (16 hour)			Credit Hrs.
AGRI	1101	Agriculture Orientation	1
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
ANSC	1003	Principles of Animal Science & Lab	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
AGEC	2273	Agriculture Economics	3
		General Education Fine Arts Requirement	3

Second Semester (16 hour)			Credit Hrs.
AGRO	1033	Principles of Field Crops & Lab	3
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
BIOL	1063	Intro. to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
		General Education Social Science Requirement	3
		General Education American History or Government Requirement	3

Third Semester (16 hours)			Credit Hrs.
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
AGRO	2053	Applied Plant Pathology	3
AGEC	4623	Farm Management	3
		General Education Communication Requirement	3
		General Education Social Science Requirement	3

Fourth Semester (16 hours)			Credit Hrs.
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
AGRO	3503	Cereal Crops	3
ENGL	3253	Technical Writing	3
AGRO	3553	Introduction to Weed Science	3
		General Education English Literature	3

Fifth Semester (13 hours)			Credit Hrs.
AGRO	2244	Soils & Lab	4
AGRO	3513	Fiber and Oilseed Crops	3
		Upper Level Elective	3
AGRO	3013	Introduction to Precision Agriculture	3

Sixth Semester (13 hours)			Credit Hrs.
AGEC	4713	Agriculture Finance	3
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
PSY	2203	Statistical Methods or	
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
AGRI	3003	Agriculture Technology and Utilization	3

Seventh Semester (15 hours)			Credit Hrs.
AGEC	4683	Commodity Marketing or	
AGEC	4823	Economics of Environmental Management	3
AGEC	4633	Site Specific Farm Management	3
AGRO	3453	Forage Crops	3
		Upper Level Elective	3
		Upper Level Elective	3

Eighth Semester (15 hours)			Credit Hrs.
AGEC	4703	Contract Marketing & Futures Trading or	
AGEC	4613	Agriculture Policy	3
ENTO	2283	Applied Entomology	3
		General Elective	3
		General Elective	3
		General Elective	3

Bachelor of Science Degree
Biochemistry/Biology Double Major

8 Semester Program
Total Hours 120

NOTE: Pre-Medicine and Pre-Pharmacy majors take a slightly different course sequence. See your advisor for details.

First Semester (14 hours)			Credit Hrs.
BIOL	2053	Principles of Biology I	3
BIOL	1071	Biological Science/Principles of Biology I Lab	1
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
MATH	1043	College Algebra (ACTS # MATH 1103)	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3

Second Semester (17 hours)			Credit Hrs.
BIOL	2083	Principles of Biology II (ACTS # BIOL 1014)	3
BIOL	2091	Principles of Biology II Lab (ACTS # BIOL 1014)	1
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Social Science Requirement	3

Third Semester (16 hours)			Credit Hrs.
BIOL	3354	Genetics w/Lab	4
CHEM	3404	Organic Chemistry I w/Lab	4
MATH	2255	Calculus I	5
		Gen. Ed. Communication Requirement	3

Fourth Semester (14 hours)			Credit Hrs.
BIOL	3363	Cell Biology	3
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
CHEM	3414	Organic Chemistry II w/Lab	4
		Gen. Ed. American History or Government	3

Fifth Semester (14 hours)			Credit Hrs.
BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1
CHEM	4633	Biochemistry I	3
PHYS	2203	College Physics I	3
PHYS	2231	College & University Physics Lab	1
		Gen. Ed. Social Science Requirement	3

Sixth Semester (17 hours)			Credit Hrs.
BIOL	2143	Botany (ACTS # BIOL 1034)	3
BIOL	2171	Botany Lab (ACTS # BIOL 1034)	1
BIOL	3763	Evolution	3
PHYS	2213	College Physics II	3
PHYS	2241	College & University Physics II Lab	1
CHEM	4643	Biochemistry II	3
CHEM	4731	Biochemistry Lab	1
		Elective	3

Seventh Semester (16-17 hours)			Credit Hrs.
BIOL	3484	General Ecology with Lab or	4
BIOL	3574	Comparative Anatomy	4
CHEM	3314	Quantitative Analysis w/Lab	4
		BIOL or CHEM Elective (3000-4000 Level) *	
		*will not count toward both majors	3/4
		General Education Humanities Requirement	3
		Gen. Ed. Fine Arts Appreciation Requirement	3

Eighth Semester (12-17 hours)			Credit Hrs.
BIOL	4634	Vertebrate Physiology w/Lab	4
CHEM	3424	Elements of Physical Chemistry w/Lab	4
CHEM	4742	Advanced Lab Techniques*	2
		Electives as needed to reach 40 hours 300-4000 Level	
		And 120 hours	2-6

*(see catalog for other options)

Bachelor of Science Degree in Biology

8 Semester Program
Total Hours 120

First Semester (14 hours)			Credit Hrs.
BIOL	2053	Principles of Biology I	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
MATH	1043	College Algebra (ACTS # MATH 1103) or	
MATH	1143	College Algebra with Review (ACTS # MATH 1103)	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3

Second Semester (17 hours)			Credit Hrs.
BIOL	2083	Principles of Biology II (ACTS # BIOL 1014)	3
BIOL	2091	Principles of Biology II Lab (ACTS # BIOL 1014)	1
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Fine Arts Appreciation Requirement	3

Third Semester (14 hours)			Credit Hrs.
BIOL	3354	Genetics	4
CHEM	3404	Organic Chemistry I	4
		Gen. Ed. Communication Requirement	3
		Minor Course or Elective	3

Fourth Semester (16 hours)			Credit Hrs.
BIOL	3363	Cell Biology	3
CHEM	3414	Organic Chemistry II w/Lab	4
		Gen. Ed. American History or Government	3
		General Education Humanities Requirement	3
		Gen. Ed. Social Science Requirement	3

Fifth Semester (15 hours)			Credit Hrs.
BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
PHYS	2203	College Physics I	3
PHYS	2231	College and University Physics Lab	1
		Minor Course or Elective (3000-4000 Level)	3

Sixth Semester (14 hours)			Credit Hrs.
BIOL	3763	Evolution	3
BIOL		Biology Elective (3000-4000 level)	4
PHYS	2213	College Physics II	3
PHYS	2241	College & University Physics II Lab	1
		Minor Courses or Elective	3

Seventh Semester (16 hours)			Credit Hrs.
BIOL	3484	General Ecology with Lab or	
BIOL	3574	Comparative Anatomy	4
		Minor Course or Elective (3000-4000 Level)	3
		Minor Course or Elective	6
		Gen. Ed. Social Science Requirement	3

Eighth Semester (14-16 hours)			Credit Hrs.
BIOL	4634	Vertebrate Physiology	4
		Minor Course or Elective	3
		Elective (3000-4000 Level)	6
		Electives as needed to reach 120 hours And 40 hours (3000-4000 Level)	1-3

Bachelor of Science Degree in Organismal Biology

8 Semester Program
Total Hours 120

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
BIOL	2053	Principles of Biology I	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
MATH	1043	College Algebra (ACTS # MATH 1103) or	
MATH	1143	College Algebra with Review (ACTS # MATH 1103)	3

Second Semester (17 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
BIOL	2083	Principles of Biology II (ACTS # BIOL 1014)	3
BIOL	2091	Principles of Biology II Lab (ACTS # BIOL 1014)	1
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Fine Arts Appreciation Requirement	3

Third Semester (17 hours)			Credit Hrs.
BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1
CHEM	2203	Introduction to Organic & Biochemistry	3
CHEM	2211	Introduction to Organic & Biochemistry Lab	1
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		Gen. Ed. Social Science Requirement	3
		Gen. Ed. Communication Requirement	3

Fourth Semester (16-17 hours)			Credit Hrs.
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
BIOL		Prescribed Field Course or BIOL Elective	3-4
		Gen. Ed. American History or Government	3
		Gen. Ed. Social Science Requirement	3
		General Education Humanities Requirement	3

Fifth Semester (15-16 hours)			Credit Hrs.
BIOL	3354	Genetics	4
BIOL		Prescribed Field Course or BIOL Elective	4
PHYS	2203	College Physics I	3
PHYS	2231	College and University Physics Lab	1
BIOL		Prescribed Field Course or BIOL Elective	3-4

Sixth Semester (15-17 hours)			Credit Hrs.
BIOL	3363	Cell Biology	3
BIOL	3763	Evolution	3
BIOL	3223	Biological Statistics	3
BIOL		Prescribed Field Course or BIOL Elective	3-4
BIOL		Prescribed Field Course or BIOL Elective	3-4

Seventh Semester (15-16 hours)			Credit Hrs.
BIOL		Prescribed Field Course or BIOL Elective	4
BIOL	3484	General Ecology	4
BIOL	3574	Comparative Anatomy or	
BIOL		Prescribed Field Course or BIOL Elective	7-8

Eighth Semester (15-16 hours)			Credit Hrs.
BIOL	4634	Vertebrate Physiology	4
BIOL		Prescribed Field Course or BIOL Elective	4
BIOL		Prescribed Field Course or BIOL Elective (if needed)	3-4
		Electives to reach 40 hours 3000-4000 Level and 120 hours	3-4

Bachelor of Science Degree in Biology (Pre-Veterinary Pathway)

8 Semester Program
Total Hours 120

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
BIOL	2053	Principles of Biology I	3

Second Semester (17 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
BIOL	2083	Principles of Biology II (ACTS # BIOL 1014)	3
BIOL	2091	Principles of Biology II Lab (ACTS # BIOL 1014)	1
		Fine Arts Appreciation General Ed Requirement	3

Third Semester (14 hours)			Credit Hrs.
CHEM	3434	Organic Chemistry I	4
BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
		Speech General Ed Requirement	3

Fourth Semester (15 hours)			Credit Hrs.
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
CHEM	3414	Organic Chemistry II	4
		Social Science General Ed Requirement	3

Fifth Semester (17 hours)			Credit Hrs.
PHYS	2203	College Physics I (ACTS # PHYS 2014)	3
PHYS	2231	College & University Physics Lab (ACTS # PHYS 2014)	1
BIOL	3354	Genetics	4
ANSC	1003	Principles of Animal Science	3
PSY	2203	Statistical Methods	3
		History or Government General Ed Requirement	3

Sixth Semester (16 hours)			Credit Hrs.
PHYS	2213	College Physics II (ACTS # PHYS 2024)	3
PHYS	2241	College & Univ. Physics II Lab (ACTS # PHYS 2044)	1
BIOL	3363	Cell Biology	3
BIOL	3763	Evolution	3
ANSC	2213	Feeds and Feeding	3
		Minor Requirement or Elective (3000-4000 Level)	3

Seventh Semester (14-17 hours)			Credit Hrs.
BIOL	3574	Comparative Anatomy	4
BIOL	3484	General Ecology	4
CHEM	4633	Biochemistry I	3
		Humanities Gen Ed Requirement	3
		Minor Requirement or Elective (3000-4000 Level)	0-3

Eighth Semester (13-16 hours)			Credit Hrs.
BIOL	4634	Vertebrate Physiology	4
		Minor or Elective as needed to reach 120 hours and 40 hours 3000-4000 Level	9-12

Bachelor of Science Degree in Chemistry

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Social Science Requirement	3

Second Semester (15 hours)			Credit Hrs.
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	2255	Calculus I	5
		Gen. Ed. Social Science Requirement	3

Third Semester (16 hours)			Credit Hrs.
BIOL	1063	Introduction to Biology (ACTS # BIOL 1004) OR	
BIOL	2053	Principles of Biology I	3
BIOL	1071	Introduction to Biology Lab/ Principles of Biology I Lab	1
CHEM	3404	Organic Chemistry I	4
MATH	3495	Calculus II	5
		Gen. Ed. Speech Requirement	3

Fourth Semester (15 hours)			Credit Hrs.
CHEM	3414	Organic Chemistry II w/Lab	4
MATH	3545	Calculus III	5
		Gen. Ed. American History or Government	3
		General Education Humanities Requirement	3

Fifth Semester (14 hours)			Credit Hrs.
CHEM	3314	Quantitative Analysis	4
PHYS	2203	College Physics I	3
PHYS	2231	College & University Physics Lab	1
		Gen. Ed. Fine Arts Appreciation Requirement	3
		Minor Requirement	3

Sixth Semester (14-15 hours)			Credit Hrs.
CHEM	4704	Physical Chemistry Thermodynamics or	
CHEM	4714	Physical Chemistry: Kinetic and Quantum Mechanics	4
CHEM	3444	Instrumental Analysis or	
		Minor Requirement or Elective	3-4
PHYS	2213	University Physics II	3
PHYS	2241	College & University Physics II Lab	1
		Minor Requirements or Elective	3

Seventh Semester (15 hours)			Credit Hrs.
CHEM		Chemistry 3000-4000 Level Elective	3
		Minor Requirement	3
		Minor Requirement	3
		Elective	3
		Elective	3

Eighth Semester (15-17 hours)			Credit Hrs.
CHEM	4704	Physical Chemistry Thermodynamics or	
CHEM	4714	Physical Chemistry: Kinetic and Quantum Mechanics	4
CHEM	4742	Advanced Lab Techniques OR	
CHEM	469V	Senior Research	1-3
CHEM	3444	Instrumental Analysis or	
		Minor Requirement	3-4
		Minor Requirement	3
		Electives as needed to reach 120 hours and 40 hours 3000-4000 Level	3-6

Bachelor of Science Degree in Computer Information Systems Programming Concentration

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
CIS	1013	Introduction to Computer Based Systems	3
CIS	1193	PC Hardware/Software Maintenance	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Communication Requirement	3
		General Education Mathematics Requirement	3

Second Semester (15 hours)			Credit Hrs.
CIS	2203	Programming Logic & Design	3
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education U.S. History or Government Requirement	3
		General Education Social Science Requirement	3
		Elective	3

Third Semester (16 hours)			Credit Hrs.
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
CIS	3423	COBOL	3
		General Education Fine Arts Requirement	3
		General Education Science Course w/ Lab	4
		General Education Social Science Requirement	3

Fourth Semester (16 hours)			Credit Hrs.
CIS	3553	Advanced COBOL	3
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
		General Education Humanities Requirement	3
		General Education Science Course w/ Lab	4
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
CIS	3453	WWW Programming OR	
CIS	3463	Programming Mobile Applications	3
CIS		Major Elective (3000-4000 level)	3
ACCT	2223	Prin. of Managerial Accounting (ACTS # ACCT 2013)	3
		Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
CIS	3523	Systems Analysis & Design	3
CIS	4503	Data Communications and Networking	3
GB	2043	Business Communications (ACTS # BUSI 2013)	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
CIS	3443	Object-Oriented Programming Language	3
CIS	4623	Database Management Systems	3
ECON		Economic Supportive Requirement	3
MKT	3403	Principles of Marketing	3
		Elective (3000-4000 level)	3

Eighth Semester (13 hours)			Credit Hrs.
CIS	4634	Software Development Project	4
CIS		Major Elective (3000-4000 level)	3
MGMT		Management Supportive Requirement	3
		Elective	3

Bachelor of Science Degree in Computer Information Systems Cybersecurity Concentration

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
CIS	1013	Introduction to Computer Based Systems	3
CIS	1193	PC Hardware/Software Maintenance	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Communication Requirement	3
		General Education Mathematics Requirement	3

Second Semester (15 hours)			Credit Hrs.
CJ	1013	Introduction to Criminal Justice (ACTS # CRJU 1023)	3
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education U.S. History or Government Requirement	3
		General Education Social Science Requirement	3
		Elective	3

Third Semester (16 hours)			Credit Hrs.
CIS	2203	Programming Logic & Design	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
		General Education Fine Arts Requirement	3
		General Education Science Course w/ Lab	4
		General Education Social Science Requirement	3

Fourth Semester (16 hours)			Credit Hrs.
CIS	3423	COBOL OR	
CIS	3443	Object-Oriented Programming Language	3
ACCT	2213	Prin. of Financial Accounting (ACTS # ACCT 2003)	3
		General Education Humanities Requirement	3
		General Education Science Course w/ Lab	4
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
CIS	3523	Systems Analysis & Design	3
CIS	3623	Computer Forensics	3
GB	2043	Business Communications (ACTS # BUSI 2013)	3
		Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
CIS	3123	Linux Operating Systems	3
CIS	3473	Cyberlaw	3
CIS	4503	Data Communications and Networking	3
ECON	2113	Business Statistics I (ACTS # BUSI 2103)	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
CIS	4253	Cybersecurity	3
CIS	4623	Database Management Systems	3
ECON		Economic Supportive Requirement	3
MKT	3403	Principles of Marketing	3
		Elective (3000-4000 level)	3

Eighth Semester (13 hours)			Credit Hrs.
CIS	4263	Ethics in Information Technology	3
CIS	4634	Software Development Project	4
MGMT		Management Supportive Requirement	3
		Elective	3

Bachelor of Science Degree in Criminal Justice

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
CJ	1013	Introduction to Criminal Justice (ACTS # CRJU 1023)	3
CJ	1001	Criminal Justice Pathways	1
		General Education Mathematics	3
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
CJ	2113	Policing	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation	3
		General Education Science with Lab	4
		Fine Arts Requirement	3

Third Semester (16 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
CJ	2123	Corrections	3
CJ	2143	Juvenile Justice	3
COMM	1023	Public Speaking (ACTS # SPCH 1003)	3
		General Education Science with Lab	4

Fourth Semester (15 hours)			Credit Hrs.
CJ	2133	Criminal Justice Ethics	3
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013) or	
SWK	1013	Intro. to Social Work	3
COMM	2203	Interpersonal Communications	3
CJ	2163	Multicultural Justice or	
SWK	3123	Cultural Diversity	3
CJ		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
CJ	2153	Research Methods (Same as PSCI 2283)	3
CJ	3233	Criminal Law	3
CJ		Elective	3
		Elective	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
CJ	3313	Statistics (Same as PSCI 3313)	3
CJ	3243	Procedural law (Same as PSCI 3243)	3
CJ		Elective	3
		Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
CJ		Criminal Justice Capstone	3
		CJ Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3
		Elective (3000-4000 Level)	3

Eighth Semester (12 hours)			Credit Hrs.
CJ	4373	Criminology	3
		CJ Elective	3
		Elective	3
		Elective	3

Online Bachelor of Science Degree in Education Studies (Non-Licensure)

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2203	Interpersonal Communications or	
COMM	2283	Business and Professional Speech	3
		Elective	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
EDUC	2233	Instructional Technology	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings	3
		Elective	3

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
READ	2023	Intro. to Teaching Reading	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
EDUC	2263	Learning and Development	3

Fourth Semester (15 hours)			Credit Hrs.
SPED	2213	Characteristics of Exceptional Learning Needs	3
MAED	2243	Fundamentals of Geometric Concepts	3
EDUC	1143	Education, Schools, and Society	3
EDUC	3013	K-6 Planning, Curriculum and Programming	3
		Elective	3

Fifth Semester (16 hours)			Credit Hrs.
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
MAED	3553	Number Systems	3
EDUC	3583	Assessment Techniques	3
EDUC	3203	Educational Psychology: Developing Learners	3
		Any Science Course with Lab	4

Sixth Semester (16 hours)			Credit Hrs.
		Any Science Course with Lab	4
SPED	3413	Teaching and Assessing Students with Exceptional Learning Needs	3
EDUC	3573	Classroom Management	3
EDUC	4013	Teaching Social Studies	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
GEOG	2213	Gen Geography I (ACTS # GEOG 1103)	3
READ	4023	Disciplinary Literacy	3
EDUC	3403	Family and Community Relationships	3
EDUC	4613	Education Field Study	3
CIS	2223	Microcomputer Applications	3

Eighth Semester (13 hours)			Credit Hrs.
MLED	3313	Programs and Practices	3
EDUC	4613	Education Field Study	3
EDUC	3563	Effective Instructional and Management Strategies	3
HIST	3593	Arkansas History	3
		Elective	1

Bachelor of Science Degree in Exercise Science

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or	
MATH	1043	College Algebra (ACTS # MATH 1103) or Math 1000 Level or Above	3
PE	1002	Introduction to Exercise Science	2
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation	3
BIOL	1063	Introduction to Biological Science and	
BIOL	1071	Biological Science / Principles of Biology I Lab (ACTS # BIOL 1004) or	
BIOL	2053	Principles of Biology I and	
BIOL	1071	Biological Science / Principles of Biology I Lab (ACTS # BIOL 1004)	4

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
EXSC	1012	Concepts of Fitness	2
PSY	1013	Intro to Psychology (ACTS # PSYC 1103)	3
CHEM	1023	Intro. to Chemistry and	
CHEM	1031	Lab (ACTS # CHEM 1004) or	
CHEM	1103	General Chemistry I and	
CHEM	1121	Lab (ACTS # CHEM 1414)	4

Third Semester (17 hours)			Credit Hrs.
BIOL	2233	Anatomy and Physiology I and	
BIOL	2291	Lab (ACTS # BIOL 2404)	4
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
PE	2203	Health and Wellness Promotion (ACTS # HEAL 1003)	3
PE	1101	Weight Training	1
PSY	2203	Statistical Methods	3
		Elective	3

Fourth Semester (16 hours)			Credit Hrs.
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2203	Interpersonal Communication or	
COMM	2283	Business and Professional Speech	3
PE	2113	Nutrition	3
PE	2313	Care and Prevention of Athletic Injuries	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
BIOL	2243	Anatomy and Physiology II and	
BIOL	2301	Lab (ACTS # BIOL 2404)	4

Fifth Semester (12 hours)			Credit Hrs.
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
EXSC	3483	Sports Entrepreneurship	3
EXSC	3323	Strength and Conditioning	3
EXSC	4503	Exercise Prescription	3

Sixth Semester (14 hours)			Credit Hrs.
PE	3523	Exercise Physiology and	
PE	3461	Lab	4
PE	2272	First Aid/CPR	3
PE	4713	Sports Administration	3
EXSC	4523	Geriatric Internship	3
PE	1131	Fitness Through Aerobic Dance	1

Seventh Semester (16 hours)			Credit Hrs.
		Elective	3
PE	4643	Kinesiology and	
PE	4401	Lab	4
EXSC	4513	Exercise Certification Preparation	3
EXSC	4533	Sports Psychology	3
EXSC	4683	Methods and Technology of Exercise Science	3

Eighth Semester (15 hours)			Credit Hrs.
EXSC	4783	Research Methods for Exercise Science	3
EXSC	4403	Pharmacology & Exercise Performance	3
PSY	3443	Developmental Psychology	3
		Elective	3
		Elective	3

Bachelor of Science Degree in Health and Physical Education (Non-Licensure)

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or	
MATH	1043	College Algebra (ACTS # MATH 1103) or	
		Math 1000 Level or Above	3
CIS	1013	Intro. to Computer Systems	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation	3
PE	2703	Theory and Principles of PE and Coaching	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government	
		(ACTS # PLSC 2003)	3
PE	1443	Team Sports	3
GEOG	2113	Gen Geography I (ACTS # GEOG 1103) or	
GEOG	2223	Gen Geography II or	
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123) or	
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
		Elective (1000-4000)	3

Third Semester (15 hours)			Credit Hrs.
BIOL	2233	Anatomy and Physiology I	3
PE	4603	Physical Education Tests and Measurements	3
PE	2203	Health and Wellness Promotion (ACTS # HEAL 1003)	3
PE	2273	First Aid/CPR	3
		Elective	3

Fourth Semester (15 hours)			Credit Hrs.
PE	3422	Coaching of Basketball	2
PE	3382	Coaching of Volleyball	2
PE	3392	Coaching of Track	2
PE	3372	Coaching of Baseball/Softball	2
		General Education Communication	3
		Science with Lab (Chemistry, Earth Science, Physics, or Biological Science)	4

Fifth Semester (16 hours)			Credit Hrs.
		Science with Lab (Chemistry, Earth Science, Physics, or Biological Science)	4
PE	3553	Child Growth and Motor Development	3
PE	3472	Coaching of Football	2
		Elective (3000-4000 Level)	3
EXSC	4643	Anatomical Kinesiology and	
PE	4401	Lab	4

Sixth Semester (15 hours)			Credit Hrs.
PE	3303	Community Health	3
		Elective (3000-4000 Level)	3
PE	2403	Lead-Up Games	3
PE	3523	Exercise Physiology	3
PE	1453	Individual Sports	3

Seventh Semester (14 hours)			Credit Hrs.
PE	2262	Officiating	2
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
GEOG	2213	Geography I (ACTS # GEOG 1103) or	
GEOG	2223	Geography II or	
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123) or	
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103) or	
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
PE	2313	Care and Prevention of Athletic Injuries	3
EXSC	3323	Strength and Conditioning	3

Eighth Semester (15 hours)			Credit Hrs.
PE	2113	Nutrition	3
PE	4713	Sports Administration	3
EXSC	4133	Methods of Physical Education and Health	3
EXSC	4533	Sports Psychology	3
PE	3503	Adapted PE	3

Bachelor of Science Degree in Land Surveying

8 Semester Program
120 Hours

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Requirement	3
		General Education History/Political Science Requirement	3
SURV	1001	Introduction to Surveying	1
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
CIS	2203	Programming Logic and Design	3
SURV	2202	Coordinate Systems	2
SURV	2201	Cartographic Design and Drafting	1

Third Semester (14 hours)			Credit Hrs.
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
ENGL	3253	Technical Writing	3
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
SURV	2114	Plane Surveying	4

Fourth Semester (13-15 hours)			Credit Hrs.
		General Education Science with Lab Requirement	4
MATH	2255	Calculus I (ACTS # MATH 2405) or	
MATH	1073	Compact Calculus (ACTS # MATH 2203)	3 or 5
		General Education Communications Requirement	3
NRM	3063	Biometrics in Natural Resources	3

Fifth Semester (16 hours)			Credit Hrs.
PHYS	1003	Elements of Physics and	
PHYS	1021	Lab or	
PHYS	2203	General Physics I (ACTS # PHYS 2014) and	
PHYS	2231	Lab	4
NRM	2052	Dendrology	2
SURV	2014	Boundary Surveying	4
NRM	3123	Remote Sensing	3
		Elective	3

Sixth Semester (16 hours)			Credit Hrs.
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
SURV	3153	Survey Plats and Deeds	3
		Ethics Course (from designated list	3
SURV	3264	Route and Construction Surveying	4
GIS	3113	Advanced Geographic Information Systems	3

Seventh Semester (16 hours)			Credit Hrs.
MGMT	3473	Principles of Management and Organizational	
Behavior	3		
SURV	4183	Law and Professionalism in Geomatics	3
GIS	4123	Global Navigation Satellite Systems	3
SURV	4454	Advanced Surveying	4
		Elective	3

Eighth Semester (12-14 hours)			Credit Hrs.
SURV	4884	Surveying Practicum	4
		CIS Programming Course (from designated list)	3
		Elective	5-7

Bachelor of Science Degree in Natural Resource Management (Communications Option)

9 Semester Program
120 Hours

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Requirement	3
BIOL	2143	General Botany (ACTS # BIOL 1034) and	
BIOL	2171	Lab or	
BIOL	2153	General Zoology (ACTS # BIOL 1054) and	
BIOL	2161	Lab	4
NRM	1001	Introduction to Natural Resource Management	1

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Laboratory	1
NRM	2023	Human Dimensions in Natural Resources	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3

Third Semester (16 hours)			Credit Hrs.
		General Education Communications Requirement	3
		General Education History/Political Science Requirement	3
NRM	2033	Soil Science	3
NRM	2031	Soil Science Laboratory	1
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
NRM	2052	Dendrology	2

Fourth Semester (15 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
NRM	2063	Natural Resources Communication	3
NRM	2073	Natural Resource Sampling and Monitoring	3
NRM	2093	Fire Management	3

Fifth Semester (4 hours)			Credit Hrs.
NRM	2082	Applications in Natural Resource Sampling and Monitoring	2
NRM	3032	Contemporary Natural Resource Issues	2

Sixth Semester (13 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
NRM	4013	Natural Resources Economics	3
COMM	2273	Argumentation and Debate	3
COMM	3033	Communication Writing	3

Seventh Semester (15 hours)			Credit Hrs.
NRM	3063	Biometrics in Natural Resources	3
		Elective	3
COMM	2223	Modern Media Literacy	3
		COMM Elective (from designated list)	3
		COMM Elective (from designated list)	3

Eighth Semester (15 hours)			Credit Hrs.
NRM	4043	Natural Resource Policy	3
		COMM Elective (from designated list)	3
		COMM Elective (from designated list)	3
		Elective	6

Ninth Semester (12 hours)			Credit Hrs.
NRM	4063	Natural Resources Practicum	3
COMM	4653	Theories of Human Communications	3
		COMM Elective (from designated list)	3
		COMM Elective	3

Bachelor of Science Degree in Natural Resource Management (Environmental Science Option)

9 Semester Program
120 Hours

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Requirement	3
BIOL	2143	General Botany and	
BIOL	2171	Lab (ACTS # BIOL 1034) or	
BIOL	2153	General Zoology and	
BIOL	2161	Lab (ACTS # BIOL 1054)	4
NRM	1001	Introduction to Natural Resource Management	1

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Laboratory	1
NRM	2023	Human Dimensions in Natural Resources	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3

Third Semester (16 hours)			Credit Hrs.
		General Education Communications Requirement	3
		General Education History/Political Science Requirement	3
NRM	2033	Soil Science	3
NRM	2031	Soil Science Laboratory	1
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
NRM	2052	Dendrology	2

Fourth Semester (15 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
NRM	2063	Natural Resources Communication	3
NRM	2073	Natural Resource Sampling and Monitoring	3
NRM	2093	Fire Management	3

Fifth Semester (4 hours)			Credit Hrs.
NRM	2082	Applications in Natural Resource Sampling and Monitoring	2
NRM	3032	Contemporary Natural Resource Issues	2

Sixth Semester (13-16 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
NRM	4013	Natural Resource Economics	3
ESCI	3493	Environmental Science (even years)	3
		Environmental Science Elective (from designated list)	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
NRM	3063	Biometrics in Natural Resources	3
		Environmental Science Elective (from designated list)	3
		Elective	9

Eighth Semester (12-15 hours)			Credit Hrs.
NRM	4043	Natural Resource Policy	3
ESCI	3493	Environmental Science (even years)	3
		Environmental Science Elective (from designated list)	3
		Environmental Science Elective (from designated list)	3
		Elective	3

Ninth Semester (12 hours)			Credit Hrs.
NRM	4063	Natural Resources Practicum	3
NRM	3083	Concepts in Watershed Management	3
		Environmental Science Elective (from designated list)	4
		Elective	2

Bachelor of Science Degree in Natural Resource Management (Forestry Option)

9 Semester Program
120 Hours

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Requirement	3
BIOL	2143	General Botany and	
BIOL	2171	Lab (ACTS # BIOL 1034) or	
BIOL	2153	General Zoology and	
BIOL	2161	Lab (ACTS # BIOL 1054)	4
NRM	1001	Introduction to Natural Resource Management	1

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
NRM	2023	Human Dimensions in Natural Resources	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3

Third Semester (16 hours)			Credit Hrs.
		General Education Communications Requirement	3
		General Education History/Political Science Requirement	3
NRM	2033	Soil Science	3
NRM	2031	Soil Science Laboratory	1
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
NRM	2052	Dendrology	2

Fourth Semester (15 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
NRM	2063	Natural Resources Communication	3
NRM	2073	Natural Resource Sampling and Monitoring	3
NRM	2093	Fire Management	3

Fifth Semester (4 hours)			Credit Hrs.
NRM	2082	Applications in Natural Resource Sampling and Monitoring	2
NRM	3032	Contemporary Natural Resource Issues	2

Sixth Semester (15 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
NRM	4013	Natural Resource Economics	3
NRM	3053	Forest Ecology and Tree Ecophysiology	3
NRM	2042	Forest Inventory	2
		Elective	3

Seventh Semester (13 hours)			Credit Hrs.
NRM	3063	Biometrics in Natural Resources	3
NRM	3074	Silviculture	4
NRM	3083	Concepts in Watershed Management	3
NRM	4023	Wildlife Habitat Management	3

Eighth Semester (16 hours)			Credit Hrs.
NRM	4043	Natural Resource Policy	3
NRM	4053	Forest Management	3
		Elective	3
		Elective	4
		Elective	3

Ninth Semester (11 hours)			Credit Hrs.
NRM	4063	Natural Resources Practicum	3
NRM	3091	Forest Herbicides	1
NRM	4072	Wood Structure and Forest Products	2
NRM	4084	Forest Health	4
NRM	4031	Registered Foresters Test Prep	1

Bachelor of Science Degree in Natural Resource Management (Geospatial Option)

9 Semester Program
120 Hours

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Requirement	3
BIOL	2143	General Botany and	
BIOL	2171	Lab (ACTS # BIOL 1034) or	
BIOL	2153	General Zoology and	
BIOL	2161	Lab (ACTS # BIOL 1054)	4
NRM	1001	Introduction to Natural Resource Management	1

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
NRM	2023	Human Dimensions in Natural Resources	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3

Third Semester (16 hours)			Credit Hrs.
		General Education Communications Requirement	3
		General Education History/Political Science Requirement	3
NRM	2033	Soil Science	3
NRM	2031	Soil Science Laboratory	1
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
NRM	2052	Dendrology	2

Fourth Semester (15 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
NRM	2063	Natural Resources Communication	3
NRM	2073	Natural Resource Sampling and Monitoring	3
NRM	2093	Fire Management	3

Fifth Semester (4 hours)			Credit Hrs.
NRM	2082	Applications in Natural Resource Sampling and Monitoring	2
NRM	3032	Contemporary Natural Resource Issues	2

Sixth Semester (16 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
NRM	4013	Natural Resource Economics	3
NRM	3123	Remote Sensing	3
GIS	4123	Global Navigation Satellite Systems	3
CIS	2203	Programming Logic and Designs	3

Seventh Semester (12 hours)			Credit Hrs.
NRM	3063	Biometrics in Natural Resources	3
CIS	3443	Object-Oriented Programming Language	3
GIS	3113	Advanced Geographic Information Systems	3
		Elective	3

Eighth Semester (15 hours)			Credit Hrs.
NRM	4043	Natural Resource Policy	3
CIS	3243	Introduction to Java Programming or	
CIS	3433	Introduction to C# Programing	3
NRM or SURV		3000+ Level Elective	3
		Elective	6

Ninth Semester (12 hours)			Credit Hrs.
NRM	4063	Natural Resources Practicum	3
CIS	4623	Database Management Systems	3
NRM or SURV		3000+ Level Elective	3
		Elective	3

Bachelor of Science Degree in Natural Resource Management (Wildlife Management and Conservation Option)

9 Semester Program
124 Hours

First Semester (14 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
ART or	MUS	General Education Fine Arts Requirement	3
BIOL	2143	General Botany and	
BIOL	2171	Lab (ACTS # BIOL 1034) or	
BIOL	2153	General Zoology and	
BIOL	2161	Lab (ACTS # BIOL 1054)	4
NRM	1001	Introduction to Natural Resource Management	1

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
CHEM	1103	General Chemistry I (ACTS # CHEM 1414)	3
CHEM	1121	General Chemistry I Lab (ACTS # CHEM 1414)	1
NRM	2023	Human Dimensions in Natural Resources	3
		General Education Social Science Requirement	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3

Third Semester (16 hours)			Credit Hrs.
		General Education Communications Requirement	3
		General Education History/Political Science Requirement	3
NRM	2033	Soil Science	3
NRM	2031	Soil Science Laboratory	1
GIS	2014	Introduction of GIS/GPS/Remote Sensing	4
NRM	2052	Dendrology	2

Fourth Semester (15 hours)			Credit Hrs.
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
NRM	2063	Natural Resources Communication	3
NRM	2073	Natural Resource Sampling and Monitoring	3
NRM	2093	Fire Management	3

Fifth Semester (4 hours)			Credit Hrs.
NRM	2082	Applications in Natural Resource Sampling and Monitoring	2
NRM	3032	Contemporary Natural Resource Issues	2

Sixth Semester (14 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
NRM	4013	Natural Resource Economics	3
NRM	2032	Wildlife Conservation and Management	2
BIOL	2143	General Botany and	
BIOL	2171	Lab (ACTS # BIOL 1034) or	
BIOL	2153	General Zoology and	
BIOL	2161	Lab (ACTS # BIOL 1054)	4
NRM	3101	Methods in Wildlife Conservation and Management	1

Seventh Semester (13-17 hours)			Credit Hrs.
NRM	3063	Biometrics in Natural Resources	3
NRM	3074	Silviculture	4
BIOL	3434	Regional Flora (when offered)	4
NRM	4023	Wildlife Habitat Management	3
		Elective	3

Eighth Semester (13 hours)			Credit Hrs.
NRM	4043	Natural Resource Policy	3
BIOL	3414	Mammalogy and	
BIOL	3451	Lab or	
BIOL	3384	Herpetology	4
NRM	4093	Applied Quantitative Wildlife Population Ecology	3
NRM	4103	Wetland Ecology and Management	3

Ninth Semester (11-15 hours)			Credit Hrs.
NRM	4063	Natural Resources Practicum	3
BIOL	3524	Ornithology or	
BIOL	3394	Ichthyology	4
BIOL	3434	Regional Flora (when offered)	4
		Select –ology course with lab (not previously taken)	4

Bachelor of Science Degree in Mathematics

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	2343	Introduction to Statistics	3
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Fine Arts Appreciation Requirement	3
		Gen. Ed. Social Science Requirement	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
MATH	2255	Calculus I	5
MATH	2333	Introduction to Math Reasoning (Spring Odd) OR	
CIS	2003	Programming Logic and Design (Spring Even)	3
		Gen. Ed. American History or Government	3
		Gen. Ed. Social Science Requirement	3
		Gen. Ed. Communication Requirement	3

Third Semester (15 hours)			Credit Hrs.
		CHEM or PHYS supportive requirement w/Lab	4
MATH	3495	Calculus II	5
		Gen. Ed. American History or Government	3
		Gen. Ed. Communication Requirement	3

Fourth Semester (15 hours)			Credit Hrs.
MATH	3545	Calculus III	5
		Gen. Ed. Humanities Requirement	3
		CHEM or PHYS Supportive Requirement w/Lab	4
MATH	2333	Introduction of Math Reasoning (Spring Odd) or	
CIS	2003	Programming Logic and Design (Spring Even)	3

Fifth Semester (15 hours)			Credit Hrs.
MATH	3403	Probability & Statistics (fall, odd years) or	
MATH	3423	College Geometry (fall, even years)	3
MATH	3453	Abstract Algebra (fall, odd years) or	
MATH	3413	Number Theory (fall, even years)	3
		Electives	6
		Upper Level Electives	3

Sixth Semester (15 hours)			Credit Hrs.
MATH	3463	Linear Algebra (spring, even years) or	
MATH	4453	Differential Equations (spring, odd years)	3
CS	3003	Python Programming (spring, odd years) OR	
		MATH Upper Level elective (spring, even years)	3
		Electives	3
		Upper Level Electives	6

Seventh Semester (15 hours)			Credit Hrs.
MATH	3403	Probability & Statistics (fall, odd years) or	
MATH	3423	College Geometry (fall, even years)	3
MATH	3453	Abstract Algebra (fall, odd years) or	
MATH	3413	Number Theory (fall, even years)	3
		Electives	3
		Upper Level Electives	6

Eighth Semester (15-17 hours)			Credit Hrs.
MATH	4711	Mathematics Seminar	1
MATH	3463	Linear Algebra (spring, even years) or	
MATH	4453	Differential Equations (spring, odd years)	3
CS	3003	Python Programming (spring, odd years) OR	
		MATH Upper Level Elective (spring, even years)	3
		Upper Level Electives to reach 40 hours	3-6
		Electives as needed to reach 120 hours	2-5

Bachelor of Science Degree in Mathematics, Data Science Option

8 Semester Program
Total Hours 120

First Semester (15 hours).....Credit Hrs.

CIS 1193 PC Hardware/Software Maintenance 3
ENGL 1013 Composition I 3
MATH 2343 Introduction to Statistics.....3
MATH 1033 Trigonometry (or Gen Ed course if waived by dept exam) 3
Gen. Ed. Communication Requirement 3

Second Semester (17 hours).....Credit Hrs.

CIS 2203 Programming Logic & Design 3
CIS 2223 Microcomputer Applications 3
ENGL 1023 Composition II 3
MATH 2255 Calculus ...5
MATH 2233 Introduction of Math Reasoning (Spring Odd) OR
Gen. Ed U.S. History or Govt. (Spring Even)..... 3

Third Semester (15 hours).....Credit Hrs.

CIS* 3423 COBOL..... 3
MATH 3495 Calculus II 5
Gen. Ed. Science Requirement with Lab..... 4
Gen. Ed. Fine Arts Requirement 3

Fourth Semester (15 hours).....Credit Hrs.

CIS 3103 Advanced Microcomputer Applications 3
MATH 3545 Calculus III 5
MATH 2233 Introduction of Math Reasoning (Spring Odd) OR
Gen. Ed. History or Govt (Spring Even) 3
Gen. Ed. Science Requirement with lab 4
*Other CIS Programming Options exist, such as CIS 3243 Introduction to Java

Fifth Semester (15 hours).....Credit Hrs.

MATH 3403 Probability & Statistics (fall, odd years) OR
MATH Math Upper Level Elective (fall, even years) 3
CIS* 3443 Object Oriented Programming Language 3
Gen. Ed. Humanities Requirement 3
Gen Ed Social Science Requirement.....3
Elective 3

Sixth Semester (15 hours).....Credit Hrs.

MATH 3463 Linear Algebra (spring, even years) OR
MATH 4453 Differential Equations (spring, odd years) 3
MATH Math Upper Level Elective.....3
MATH 3513 Discrete Mathematics (spring even years) OR
C S 3003 Python Programming (spring odd years) 3
CIS 3123 Linux Operating Systems (spring even years) 3
CIS 3523 System Analysis and Design 3

Seventh Semester (15 hours).....Credit Hrs.

MATH 3403 Probability & Statistics (fall, odd years) OR
MATH Math Upper Level Elective (fall, even years) 3
CIS 4623 Database Management Systems.....3
Gen Ed Social Science Requirement.....3
Electives 6

Eighth Semester (13-16 hours).....Credit Hrs.

MATH 4711 Mathematics Seminar.....1
MATH 3463 Linear Algebra (spring, even years) OR
MATH 4453 Differential Equations (spring, odd years) 3
MATH 3513 Discrete Mathematics (spring even years) OR
C S 3003 Python Programming (spring odd years) 3
CIS 4503 Data Communications and Networking 3
Electives as needed to reach 40 hours upper level and 120 hours total 3-6

Bachelor of Science Degree in Natural Science Life Science Option

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
BIOL	1063	Intro. to Biological Science (ACTS # BIOL 1004)	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
MATH	1043	College Algebra (ACTS # MATH 1103)	3
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
		General Education Fine Arts Appreciation Requirement	3
		General Education Social Science Requirement	3

Second Semester (14 hours)			Credit Hrs.
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
ESCI	1073	Earth and Atmosphere	3
ESCI	1081	Earth and Atmosphere Lab	1
BIOL	2153	General Zoology (ACTS # BIOL 1054)	3
BIOL	2161	General Zoology Lab (ACTS # BIOL 1054)	1

Third Semester (14 hours)			Credit Hrs.
CHEM	1103	General Chemistry I	3
CHEM	1121	General Chemistry I Lab	1
BIOL	2143	General Botany (ACTS # BIOL 1034)	3
BIOL	2171	General Botany Lab (ACTS # BIOL 1034)	1
		Gen. Ed. Communication Requirement	3
		Gen. Ed. Social Science Requirement	3

Fourth Semester (16 hours)			Credit Hrs.
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
		Gen. Ed. Humanities Requirement	3
		Gen. Ed. American History or Government	3
		Elective (3000-4000 level)	3
		Elective	3

Fifth Semester (15 hours)			Credit Hrs.
ESCI	1063	Elements of Geology	3
ESCI	1051	Elements of Geology Lab	1
PHYS	2203	College Physics I	3
PHYS	2231	College and University Physics I Lab	1
BIOL		Biology Elective (3000-4000 level)	4
		Elective (3000-4000 level	3

Sixth Semester (17 hours)			Credit Hrs.
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
PHYS	2213	College Physics II	3
PHYS	2241	College and University Physics II Lab	1
		Elective Course (3000-4000 level)	3
		Elective Courses	6

Seventh Semester (14 hours)			Credit Hrs.
BIOL	3484	General Ecology	4
BIOL		Biology Elective (3000-4000 level)	3-4
		Electives (3000-4000 level)	7

Eighth Semester (14-16 hours)			Credit Hrs.
BIOL		Elective (3000-4000 level)	3
BIOL		BIOL Elective (3000-4000 level)	3-4
		Elective (3000-4000 level)	3-4
		Electives to reach 120 hours And 40 hours 3000-4000 Level	5

Bachelor of Science Degree in Natural Science
Physical Science Option

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
ESCI	1063	Elements of Geology	3
ESCI	1051	Elements of Geology Lab	1
MATH	1043	College Algebra (ACTS # MATH 1103)	3
		General Education Fine Arts Appreciation Requirement	3
		General Education Social Science Requirement	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
ESCI	1073	Earth and Atmosphere	3
ESCI	1081	Earth and Atmosphere Lab	1
MATH	1033	Trigonometry (ACTS # MATH 1203)	3
		Gen. Ed. Social Science Requirement	3
		Elective	3

Third Semester (14 hours)			Credit Hrs.
CHEM	1103	General Chemistry I	3
CHEM	1121	General Chemistry I Lab	1
ESCI	1033	Elements of Astronomy and	
ESCI	1041	Elements of Astronomy Lab or	
ESCI	1123	Meteorology and	3
ESCI	1131	Meteorology Lab	1
		Gen. Ed. Communication Requirement	3
		Gen. Ed. Humanities Requirement	3

Fourth Semester (14-16 hours)			Credit Hrs.
BIOL	1063	Introduction to Biological Science	3
BIOL	1071	Biological Science/ Principles of Biology I Lab	1
CHEM	1113	General Chemistry II (ACTS # CHEM 1424)	3
CHEM	1131	General Chemistry II Lab (ACTS # CHEM 1424)	1
MATH	1043	Compact Calculus or	
MATH	1065	Calculus I	3/5
		Gen. Ed. American History or Government	3

Fifth Semester (14 hours)			Credit Hrs.
CHEM	3404	Organic Chemistry I	4
PHYS	2203	College Physics I	3
PHYS	2231	College and University Physics I Lab	1
		Elective (3000-4000 level)	3
		Elective (3000-4000 level)	3

Sixth Semester (15 hours)			Credit Hrs.
PHYS	2213	College Physics II	3
PHYS	2241	College and University Physics II Lab	1
CHEM	3413	Organic Chemistry II	4
		Elective (3000-4000 level)	4
		Elective (3000-4000 level)	3

Seventh Semester (15 hours)			Credit Hrs.
CHEM	3314	Quantitative Analysis	4
		Chemistry or Physics Elective (3000-4000 level)	4
		Elective (3000-4000 level)	4
		Elective	3

Eighth Semester (16 hours)			Credit Hrs.
		Chemistry or Physics Elective (3000-4000 level)	3
		Chemistry or Physics Elective (3000-4000 level)	3
		Elective (3000-4000 level)	4
		Elective	3
		Elective as needed to reach 120 hours And 40 hours 3000-4000 level	3

Bachelor of Science Degree in Psychology

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
PSY	1013	Intro to Psychology (ACTS # PSYC 1103)	3
		General Social Science (cannot be PSY)	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or	
MATH	1013	College Algebra (ACTS # MATH 1103)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2203	Interpersonal Communications	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
		General Education Social Science	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
		General Education Science with Lab	4
		Minor Course	3

Third Semester (16 hours)			Credit Hrs.
PSY	2203	Statistical Methods I	3
		General Education American History or	
		National Government	3
		General Education Humanities	3
		General Education Science with Lab	4
		General Elective	3

Fourth Semester (15 hours)			Credit Hrs.
PSY	2013	Research Methods I	3
PSY	4673	Abnormal Psychology	3
		Elective (3000-4000 level)	3
		Elective	3
		Minor Course	3

Fifth Semester (15 hours)			Credit Hrs.
PSY	3013	Research Methods II	3
PSY	3253	Adolescence or	
PSY	3443	Developmental Psychology	3
PSY		Elective (3000-4000 level)	3
		Minor Course	3
		Elective	3

Sixth Semester (15 hours)			Credit Hrs.
PSY	3463	Principles of Guidance and Counseling or	
PSY	3493	Fundamentals of Measurement	3
PSY		Elective (3000-4000 level)	3
		Minor Course (3000-4000 level)	3
		Elective	3
		Elective	3

Seventh Semester (15 hours)			Credit Hrs.
PSY	3483	Physiological Psychology or	
PSY	4603	History and Systems of Psychology	3
		Minor Course (3000-4000 level)	3
		Elective	3
		Elective	3
		Elective	3

Eighth Semester (12 hours)			Credit Hrs.
PSY	3243	Social Psychology or	
PSY	4623	Psychology of Personality	3
		Minor Course (3000-4000 level)	3
		Elective	3
		Elective	3

Bachelor of Science Degree in Teaching and Learning

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2203	Interpersonal Communication or	
COMM	2283	Business and Professional Speech	3
		Course for Collateral	3

Second Semester (15 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
EDUC	2233	Instructional Technology	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
EDUC	2253	Needs of Diverse Learners in Inclusive Settings	3
		Course for Collateral	3

Third Semester (15 hours)			Credit Hrs.
HIST	1013	World History to 1500 (ACTS # HIST 1113) or	
HIST	1023	World History Since 1500 (ACTS # HIST 1123)	3
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
READ	2023	Introduction to Teaching Reading	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government	
		(ACTS # PLSC 2003)	3
ECED	2263	Learning and Development	3

Fourth Semester (15 hours)			Credit Hrs.
EDUC	1143	Education for Schools and Society	3
EDUC	3013	K-6 Planning, Curriculum and Programming	3
MAED	2243	Fundamentals of Geometric Concepts	3
		Course for Collateral	3
		Course for Collateral	3

Fifth Semester (16 hours)			Credit Hrs.
EDUC	3583	Assessment Techniques	3
EDUC	3203	Educational Psychology: Developing Learners	3
ESCI	1063	Elements of Geology and	3
ESCI	1051	Elements of Geology Lab	1
FA	1013	Fine Arts Appreciation or	
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003)	3
MAED	3553	Number Systems	3

Sixth Semester (16 hours)			Credit Hrs.
BIOL		Four hours from a 3-hour lecture w/associated lab	
or			
		4-hour course w/integrated lab from biology	4
EDUC	3573	Classroom Management	3
MAED	3563	Geometric Investigations	3
SPED	3413	Teaching & Assessing Students w/Exceptional	
		Learning Needs	3
		Course for Collateral	3

Seventh Semester (13 hours)			Credit Hrs.
READ	4023	Disciplinary Literacy	3
SOC	2213	Introduction to Sociology (ACTS # SOCI 1013) or	
GEOG	2213	General Geography I (ACTS # GEOG 1103) or	
GEOG	2223	General Geography II	3
ESCI	1073	Earth and Atmosphere and	3
ESCI	1081	Earth and Atmosphere Lab or	1
ESCI	1123	Meteorology and	3
ESCI	1131	Meteorology Lab	1
		Course for Collateral	3

Eighth Semester (15 hours)			Credit Hrs.
MLED	3103	Programs and Practices of Middle Schools	3
MLED	4513	Teaching and Learning in the Middle Grades	3
EDUC	3563	Effective Instructional and Management Strategies	3
HIST	3593	Arkansas History	3
		Course for Collateral	3

Bachelor of Science in Nursing Degree

9 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103) or	
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
COMM	2233	Business and Professional Speech	3
BIOL	2233	Anatomy & Physiology I (ACTS # BIOL 2404)	3
BIOL	2291	Anatomy & Physiology Lab (ACTS # 2404)	1

Second Semester (14 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
ART	1053	Art Appreciation (ACTS # 1003) or	
MUS	1113	Music Appreciation (ACTS # 1003) or	
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation	3
CHEM	1023	Intro. to Chemistry (ACTS # CHEM 1004) or	
CHEM	1121	General Chemistry (ACTS # CHEM 1414)	3
CHEM	1031	Intro. to Chemistry Lab (ACTS # CHEM 1004) or	
CHEM	1121	General Chemistry Lab (ACTS # CHEM 1414)	1
BIOL	2243	Anatomy & Physiology II (ACTS # BIOL 2414)	3
BIOL	2301	Anatomy & Physiology II Lab (ACTS # 2414)	1

Third Semester (13 hours)			Credit Hrs.
PSY	3443	Development Psychology (ACTS # PSYC 2103)	3
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3

Fourth Semester (14 hours)			Credit Hrs.
NURS	3393	Pathophysiology for Nursing	3
PSY	2203	Statistical Methods or	
ECON	2113	Business Statistics I (ACTS # BUSI 2103) or	
PSCI	3313	Statistics for the Social Sciences	3
PE	2113	Nutrition	3
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
		Elective (1000 Level or Above) from the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, GEOG, HIST, MATH, MUS, PHYS, PSCI, PSY, SOC, SWK	2 or 3

Fifth Semester (6 hours)			Credit Hrs.
NURS	2003	Intro. to Nursing	3
NURS	3333	Health Assessment	3

Sixth Semester (14 hours)			Credit Hrs.
NURS	3103	Nursing Skills	3
NURS	311V	Concepts 1	11

Seventh Semester (14 hours)			Credit Hrs.
NURS	4473	Nursing Research	3
NURS	332V	Concepts II	11

Eighth Semester (14 hours)			Credit Hrs.
NURS	4153	Community Health	3
NURS	444V	Concepts III	11

Ninth Semester (15 hours)			Credit Hrs.
NURS	4504	Leadership & Management in Prof. Nursing	4
NURS	452V	Concepts IV	11

Bachelor of Science in Nursing Degree (RN to BSN)

8 Semester Program
Total Hours 120

First Semester (16 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103) or	
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
COMM	2233	Business and Professional Speech	3
BIOL	2233	Anatomy & Physiology I (ACTS # BIOL 2404)	3
BIOL	2291	Anatomy & Physiology Lab (ACTS # 2404)	1

Second Semester (14 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation	3
CHEM	1023	Intro. to Chemistry (ACTS # CHEM 1004) or	
CHEM	1103	General Chemistry (ACTS # CHEM 1414)	3
CHEM	1031	Intro. to Chemistry Lab (ACTS # CHEM 1004) or	
CHEM	1121	General Chemistry Lab (ACTS # CHEM 1414)	1
BIOL	2243	Anatomy & Physiology II (ACTS # BIOL 2414)	3
BIOL	2301	Anatomy & Physiology II Lab (ACTS # BIOL 2414)	1

Third Semester (13 hours)			Credit Hrs.
PSY	3443	Development Psychology (ACTS # PSYC 2103)	3
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
ENGL	2283	World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	World Literature II (ACTS # ENGL 2123)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3

Fourth Semester (14 hours)			Credit Hrs.
NURS	3393	Pathophysiology for Nursing	3
PSY	2203	Statistical Methods or	
ECON	2113	Business Statistics I (ACTS # BUSI 2103) or	
PSCI	3313	Statistics for the Social Sciences	3
PE	2113	Nutrition	3
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
		Elective (1000 Level or Above from the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, GEOG, HIST, MATH, MUS, PHYS, PSCI, SOC, SWK)	2 or 3

Fifth Semester (10 hours)			Credit Hrs.
NURS	3073	Role Transition	3
NURS	3404	Health Promotion	4
NURS	3333	Health Assessment	3

Sixth Semester (7 hours)			Credit Hrs.
NURS	3064	Healthy Aging	4
NURS	4153	Community Health Nursing	3

Seventh Semester (13 hours)			Credit Hrs.
NURS	4473	Nursing Research	3
NURS	4054	Leadership & Management in Professional Nursing	4
		Electives (3000 or 4000 level)	6

Eighth Semester (33 hours)			Credit Hrs.
		Previous Coursework Held in escrow	33

Bachelor of Science in Nursing Degree (LPN to BSN)

9 Semester Program
Total Hours 120-121

First Semester (16 hours) ..... Credit Hrs.

ENGL	1013	Composition I (ACTS # ENGL 1013)	3
MATH	1043	College Algebra (ACTS # MATH 1103) or	
MATH	1003	Quantitative Literacy (ACTS # MATH 1113)	3
PSY	1013	Intro. to Psychology (ACTS # PSYC 1103)	3
COMM	2233	Business and Professional Speech	3
BIOL	2233	Anatomy & Physiology I (ACTS # BIOL 2404)	3
BIOL	2291	Anatomy & Physiology Lab (ACTS # BIOL 2404)	1

Second Semester (14 hours)..... Credit Hrs.

ENGL	1023	Composition II (ACTS # ENGL 1023)	3
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation or	
FA	1023	Film Appreciation	3
CHEM	1023	Intro. to Chemistry (ACTS # CHEM 1004) or	
CHEM	1103	General Chemistry (ACTS # CHEM 1414)	3
CHEM	1031	Intro. to Chemistry Lab (ACTS # CHEM 1004) or	
CHEM	1121	General Chemistry Lab (ACTS # CHEM 1414)	1
BIOL	2243	Anatomy & Physiology II (ACTS # BIOL 2414)	3
BIOL	2301	Anatomy & Physiology II Lab (ACTS # BIOL 2414)	1

Third Semester (13 hours) ..... Credit Hrs.

PSY	3443	Development Psychology (ACTS # PSYC 2103)	3
BIOL	3553	Microbiology	3
BIOL	3561	Microbiology Lab	1
ENGL	2283	Survey of World Lit I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Lit II (ACTS # ENGL 2123)	3
HIST	2213	American History I (ACTS # HIST 2113) or	
HIST	2223	American History II (ACTS # HIST 2123) or	
PSCI	2213	American National Government (ACTS # PLSC 2003)	3

Fourth Semester (14-15 hours)..... Credit Hrs.

NURS	3393	Pathophysiology for Nursing	3
PSY	2203	Statistical Methods or	
ECON	2213	Business Statistics I (ACTS # BUSI 2103) or	
PSCI	3313	Statistics for the Social Sciences	3
PE	2113	Nutrition	3
SOC	2213	Intro. to Sociology (ACTS # SOCI 1013)	3
		Elective (1000 Level or Above from the following prefixes: ANTH, ART, BIOL, CHEM, CJ, COMM, ECON, ENGL, ESCI, GEOG, HIST, MATH, MUS, PHYS, PSCI, SOC, SWK)	2 or 3

Fifth Semester (6 hours)..... Credit Hrs.

NURS	2003	Intro. to Nursing	3
NURS	3333	Health Assessment	3

Sixth Semester (14 hours)..... Credit Hrs.

NURS	3103	Nursing Skills	3
NURS	311V	Concepts I*	11

Seventh Semester (14 hours)..... Credit Hrs.

NURS	4473	Nursing Research	3
NURS	332V	Concepts II	11

Eighth Semester (14 hours) ..... Credit Hrs.

NURS	4153	Community Health	3
NURS	444V	Concepts III	11

Ninth Semester (15 hours) ..... Credit Hrs.

NURS	4504	Leadership & Management in Prof. Nursing	4
NURS	452V	Concepts IV	11

*Course or credit

Bachelor of Social Work Degree

8 Semester Program
Total Hours 120

First Semester (15 hours)			Credit Hrs.
ENGL	1013	Composition I (ACTS # ENGL 1013)	3
HIST	1013	World History to 1500 or	
HIST	1023	World History Since 1500	3
MATH	1003	Quantitative Literacy (ACTS # MATH 1113) or higher level math	3
PSY	1013	Introduction to Psychology (ACTS # PSYC 1103)	3
SOC	2213	Introduction to Sociology (ACTS # SOCI 1013)	3

Second Semester (16 hours)			Credit Hrs.
ENGL	1023	Composition II (ACTS # ENGL 1023)	3
COMM	1023	Public Speaking (ACTS # SPCH 1003) or	
COMM	2283	Business and Professional Speaking or	
COMM	2203	Interpersonal Communications	3
CIS	2223	Microcomputer Applications (ACTS # CPSI 1003)	3
BIOL	1063	Introduction to Biological Science	3
BIOL	1071	Biological Science/Principles of Biology I Lab	1
ART	1053	Art Appreciation (ACTS # ARTA 1003) or	
MUS	1113	Music Appreciation (ACTS # MUSC 1003) or	
FA	1013	Fine Arts Appreciation	3

Third Semester (15 hours)			Credit Hrs.
SWK	2123	Introduction to Social Work	3
SWK	2143	Professional Writing	3
ENGL	2283	Survey of World Literature I (ACTS # ENGL 2113) or	
ENGL	2293	Survey of World Literature II (ACTS # ENGL 2123)	3
PSCI	2213	American National Government (ACTS # PLSC 2003)	3
SWK	3013	Social Work Values and Ethics	3

Fourth Semester (16 hours)			Credit Hrs.
SWK	2153	Social Welfare Policy	3
SWK	2133	Human Behavior in Social Environment I	3
SWK	2323	Child Welfare or	
CJ	1013	Introduction to Criminal Justice (ACTS # CRJU 1023) or	
SWK	2283	Domestic Violence	3
ECON	2203	Principles Macroeconomics (ACTS # ECON 2103) or	
ECON	2213	Principles of Microeconomics (ACTS # ECON 2203)	3
		General Education Science with Lab	4

Fifth Semester (15 hours)			Credit Hrs.
SWK	3233	Human Behavior in Social Environment II	3
SWK	3113	Generalist Social Work Practice I	3
SWK	3243	Methods of Social Work Research I (Same as CJ 3313)	3
		Social Sciences or Arts & Humanities Elective	3
		General Elective	3

Sixth Semester (15 hours)			Credit Hrs.
SWK	3213	Generalist Social Work Practice II	3
SWK	3343	Social Work Research II	3
SWK	3123	Cultural Diversity	3
		General Elective	3
		General Elective	3

Seventh Semester (15 hours)			Credit Hrs.
SWK	4674	Field Practicum I	4
SWK	4252	Filed Practicum Seminar I	2
SWK	4413	Generalist Social Work Practice III	3
SWK		Elective (4000 Level)	3
SWK		Elective (4000 Level)	3

Eighth Semester (15 hours)			Credit Hrs.
SWK	4704	Field Practicum II	4
SWK	4302	Field Practicum Seminar II	2
SWK		Elective (4000 Level)	3
SWK		Elective (4000 Level)	3
		General Elective	3



Colleges of Technology

The University of Arkansas at Monticello offers the following certificates of proficiency and technical certificates at its locations in Crossett and McGehee, Arkansas. Courses that enable a student to work toward an advanced degree are also offered at these locations. Technical courses required for these programs may be transferable toward a limited number of associate and baccalaureate degrees. Contact the school at each location for information regarding transferability of courses.

UAM College of Technology at Crossett

Telephone: (870) 364-6414 / (866) 323-3384
Fax: (870) 364-5707
Mailing Address: 1326 Highway 52 West, Crossett, AR 71635
E-mail: rushingl@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-crossett/

UAM College of Technology at McGehee

Telephone: (870) 222-5360 / (800) 747-5360
Fax: (870) 222-4709
Mailing Address: 1609 East Ash Street, P. O. Box 747, McGehee, AR 71654
E-mail: wareb@uamont.edu
Website: http://www.uamont.edu/pages/department/college-technology-mcgehee/

Bachelor of Applied Science degree

Students may choose to earn a Baccalaureate of Applied Science degree. Details of requirements for this degree are found in the Division of General Studies section of this catalog.

Associate of Applied Science in General Technology degree

Students may choose to earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan; details of requirements for this degree are found in the Division of General Studies section of this catalog.

Associate of Applied Science in Advanced Manufacturing Technology (Crossett)

Students may choose to earn an Associate of Applied Science in Advanced Manufacturing Technology degree by completion of the following courses:

Major Requirements: 60 hours

CIS	1013	Introduction to Computer-based Systems or higher-level computer course
ENGL	1013	Composition I
ENGL	1023	Composition II
IPT	1013	Introduction to Manufacturing
IPT	1022	Industrial Safety for Manufacturing
IPT	1043	Industrial Plant Processes
IPT	1053	Electricity for Manufacturing
IPT	1063	Manufacturing Equipment Maintenance & Operation
IPT	1073	Print Reading, Tolerancing & Precision Measurement
IPT	1522	Professional Behaviors
IPT	1923	Advanced Manufacturing Application
MANF	1032	Quality Management
MANF	2034	Industrial Automation for Manufacturing
MANF	2013	Circuits & Controls for Manufacturing
MANF	2023	Fluid Control for Manufacturing
MANF	2042	DC Equipment & Controls
MANF	2063	Industrial Motors & Motor Controls
MANF	2073	Programmable Logic Controls for Manufacturing
MAT	2213	Advanced Industrial Mathematics

One of the following courses:

HIST	1013	World History to 1500
HIST	1023	World History Since 1500
HIST	2213	American History I
HIST	2223	American History II
PSCI	2213	American National Government
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

NOTE: Technical courses required for this degree may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Associate of Applied Science in Hospitality and Tourism Management (Crossett and McGehee)

The Associate of Applied Science in Hospitality and Tourism Management is designed to provide the knowledge, skills, and technical ability appropriate for employment in a variety of positions in the hospitality and tourism industry. Students who complete the requirements for the Hospitality Services Technical Certificate will have the option of continuing their program of study in the Associate of Applied Science in Hospitality and Tourism Management.

Major Requirements: 60 hours

BUS	2003	Tech Business English
CFA	1103	Tech Computer Fundamentals
COM	1102	Employability Skills/Ethics
MAT	1203	Tech Mathematics
HOSP	1022	Safety and Sanitation
HOSP	1033	Customer Service Relations
HOSP	1013	Hospitality, Travel and Tourism
HOSP	1094	Culinary Fundamentals
HOSP	1063	Principles of Lodging Operations
HOSP	1103	Culinary Preparation and Presentation
HOSP	1113	Principles of Baking
HOSP	1082	Internship in Hospitality Services
HTM	2112	Catering and Events Management
HTM	2113	Hospitality Management
HTM	2133	Advanced Tourism
HTM	2143	Recreation, Leisure & Gaming
CIS	1013	Introduction to Computer-Based Systems or higher level computer course
ENGL	1013	Composition I
ENGL	1023	Composition II
MAT	2213	Advanced Industrial Math or higher level mathematics course

One of the following courses:

PSCI	2213	American National Government
HIST	2213	American History I
HIST	2223	American History II
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

NOTE: Technical courses required for this degree may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Associate of Applied Science in Industrial Technology (Crossett)

Electromechanical Technology-Instrumentation students may choose to earn an Associate of Applied Science in Industrial Technology degree by completion of the following courses:

Major Requirements: 72 hours

CIS	1013	Introduction to Computer-based Systems or higher-level computer course
COM	1102	Employability Skills/Ethics
EIT	1112	Precision Maintenance
EIT	1112	Industrial Safety
EIT	2104	Industrial Electrical Motors/AC Drives
EIT	2145	Instrumentation
EIT	2155	Programmable Logic and Controls
EIT	2163	Advanced Instrumentation and Troubleshooting
EIT	2175	Industrial Automation/Robotics Concepts
EIT	2612	DC Controls
ELM	1012	Maintenance Welding
ELM	1023	Basic Machine Shop
ELM	1033	Industrial Diagrams
ELM	1043	Pneumatics and Hydraulics
ELM	1054	Industrial Circuits and Controls
ELM	1064	Industrial Electricity
ELM	1074	Industrial Mechanics
ELM	2084	Advanced Industrial Mechanics
ENGL	1013	Composition I
ENGL	1023	Composition II
MAT	2213	Advanced Industrial Mathematics or higher

One of the following courses:

PSY	1013	Introduction to Psychology
HIST	1013	World History to 1500
HIST	1023	World History Since 1500
HIST	2213	American History I
HIST	2223	American History II
SOC	2213	Introduction to Sociology
PSCI	2213	American National Government

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Requirements Applicable to all Technical Certificates

The following General Education requirements apply to all technical certificates. These requirements ensure that each program contains general education courses that meet the Arkansas Department of Higher Education requirements for proficiency in mathematics and communication.

Communication: 3 hours

All students must complete COM 1203 Tech Communication or a higher-level composition course with a grade of "C" or better. Individual technical programs may require a higher-level composition course.

Mathematics: 3 hours

All students must complete MAT 1203 Tech Mathematics or a higher-level mathematics course with a grade of "C" or better. Individual technical programs may require a higher-level mathematics course.

1. Each technical program of study requires designated mathematics and English courses. Some courses within a program have mathematics or language course prerequisites or corequisites for enrollment.

2. Placement in mathematics and English courses is determined by ACT, SAT, ACCUPLACER, or equivalent placement test scores. Students whose placement test scores fall below minimum requirements listed for each program will be assigned to appropriate mathematics and/or English courses.

3. Students must be consistently enrolled in a mathematics and/or English course until a grade of "C" or higher is achieved to satisfy the prerequisite for other courses.

4. Students receiving a grade of "C" or higher will not be allowed to enroll for credit in any course which is a prerequisite or lower-level course.

5. Students who wish to enroll more than three times in a specific course must have approval of the administration.

6. Students with low entrance scores in both mathematics and English will be restricted to a credit hour enrollment limit based on their specific program requirements including the appropriate math and English course. A student should consult his/her counselor or advisor to make appropriate course selections to satisfy the credit hour enrollment limit.

Advanced Manufacturing Technology Technical Certificate (Crossett)

The Advanced Manufacturing Technology program will provide individuals with the knowledge, skills, and technical ability to identify and resolve production problems in the manufacture of products. Includes instruction in machine operation and maintenance, plant processes, quality management and control, precision measurement, electrical concepts, fluid control, industrial automation, teamwork, communication, and work ethic.

Major Requirements: 54 hours

CFA	1103	Tech Computer Fundamentals or higher level computer course
COM	1203	Technical Communication or higher level composition course
IPT	1013	Introduction to Manufacturing
IPT	1022	Industrial Safety for Manufacturing
IPT	1043	Industrial Plant Processes
IPT	1053	Electricity for Manufacturing
IPT	1063	Manufacturing Equipment Maintenance & Operation
IPT	1073	Print Reading, Tolerancing & Precision Measurement
IPT	1522	Professional Behaviors
IPT	1923	Advanced Manufacturing Applications
MAT	2213	Advanced Industrial Mathematics
MANF	1032	Quality Management
MANF	2013	Circuits & Controls for Manufacturing
MANF	2023	Fluid Control for Manufacturing
MANF	2034	Industrial Automation for Manufacturing
MANF	2042	DC Equipment & Controls
MANF	2053	Environmental Protection Systems
MANF	2063	Industrial Motors and Motor Control
MANF	2073	Programmable Logic Controls for Manufacturing

NOTE: Technical courses are required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Automotive Diagnostics Certificate of Proficiency* (McGehee)

Students in Automotive Diagnostics learn basic automotive knowledge and skills. They earn the Certificate of Proficiency by completing 16 credit hours of automotive core courses.

NOTE: Technical courses are required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 16 hours

AUTO	1134	Suspension & Steering
AUTO	1214	Engine Repair
AUTO	1224	Electrical/Electronic Systems
AUTO	1264	Brakes

*Automotive Service Technology students may choose to continue their studies and earn a Technical Certificate and an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Automotive Service Technology Technical Certificate* (McGehee)

The Automotive Service Technology certificate prepares individuals to engage in the service and maintenance of all types of automobiles. The program includes instruction in the eight areas of ASE certification: Engine Repair, Automotive Transmission and Transaxle, Manual Drive Train and Axles, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning and Engine Performance.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 42 hours

AUTO	1134	Suspension & Steering
AUTO	1214	Engine Repair
AUTO	1224	Electrical/Electronic Systems
AUTO	1237	Engine Performance
AUTO	1244	Automotive Transmission and Transaxle
AUTO	1253	Heating and Air Conditioning
AUTO	1264	Brakes
AUTO	1273	Manual Drive Train and Axles
CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Technical Communication or higher-level composition course
MAT	1203	Technical Mathematics or higher-level mathematics course

*Automotive Service Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Basic Business Principles
Certificate of Proficiency (Crossett and McGehee)

The Basic Business Principles Certificate of Proficiency provides students the opportunity to achieve marketable skills and the knowledge necessary to succeed in entry-level positions within a business occupation.

NOTE: Technical course required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 15 hours

BUS	1123	Tech Accounting I
BUS	2003	Tech Business English
BUS	2143	Tech Business Mathematics

Six (6) credits from the following:

BUS	1203	Tech Keyboarding
BUS	1303	Tech Computer Applications for Business
BUS	1563	Tech Administrative Support Procedures
BUS	2613	Tech Small Business Management

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Business Technology
Technical Certificate* (Crossett and McGehee)

The Business Technology program provides contemporary training required in business occupations. Courses include computer applications of word processing, spreadsheets, database concepts, presentation, and desktop publishing. Also included are accounting, administrative support procedures, and both written and oral professional communication skills.

NOTE: Technical course required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 36 hours

BUS	**1123**	**Tech Accounting**
BUS	1303	Tech Computer Applications for Business
BUS	1563	Tech Administrative Support Procedures
BUS	2003	Tech Business English
BUS	2013	Tech Business Communications
BUS	2143	Tech Business Math
BUS	2153	Tech Computerized Accounting
BUS	2613	Tech Small Business Management
BUS	2623	Tech Business Practicum

Nine (9) hours from the following:

BUS	1033	Tech Principles of Banking
BUS	1043	Tech Bank Teller Operations
BUS	1073	Tech Introduction to Law
BUS	1083	Tech Legal Transcription
BUS	1203	Tech Keyboarding
BUS	1213	Tech Keyboarding Applications
BUS	1603	Tech Vocabulary Development
BUS	2163	Tech Spreadsheet Applications
BUS	2173	Tech Data Entry
BUS	2023	Tech Introduction to Marketing
BUS	2033	Tech Electronic Presentations
BUS	2043	Microsoft Office® Prep and Certification
HOSP	1033	Customer Service Relations

*Business Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Child Development Associate
Certificate of Proficiency
(Monticello, Crossett and McGehee campuses)

This program provides students with the opportunity to develop knowledge and skills to successfully complete the Assessment and Competency Standards for the Child Development Associate credential awarded through the Council for Early Childhood Professional Recognition, a national credentialing agency. For further information on credentialing procedures and requirements, contact the Council for Early Childhood Professional Recognition.

Major Requirements: 12 hours

ECED	1043	Development and Curriculum in Early Childhood
ECED	1053	Environments in Early Childhood
ECED	1063	Foundations of Early Childhood Education
ECED	1071	Introduction to Practicum
ECED	1082	Practicum I

Diesel Technology & Transportation Technical Certificate (McGehee)

This program provides students with knowledge and laboratory experiences in the diagnosis, repair, service and maintenance of diesel equipment. Preventive maintenance is stressed, as well as the importance of high-quality workmanship. Any student holding a current Commercial Driver's License (CDL) will receive credit for the CDL courses upon completion of the program.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements:39 Hours

CDL	1024	Tractor/Trailer Operation
DTT	1053	Diesel Fundamentals
CDL	1013	Servicing Road Tractors and Trailers
MAT	1203	Technical Mathematics
BUS	1021	Tech Keyboarding (Lab)
CDL	1033	Tractor/Trailer Operation Practicum/Internship
DTT	1034	Diesel Engines
DTT	1023	Brake Systems
DTT	1062	Electrical/Electronic Systems
DTT	1042	Diesel Fuel Injection Systems
CFA	1103	Computer Fundamentals
DTT	1012	Air Conditioning Systems
COM	1203	Technical Communications
DTT	1073	Power Trains

Early Childhood Education Technical Certificate* (Crossett and McGehee)

This program is designed to prepare students for occupations in early child care and education, often under the supervision of professional personnel. Instruction includes child growth and development; nutrition; program planning and management; health and safety; behavior guidance; inclusion of children with special needs; adult-child interactions; appropriate assessment; curriculum development; and laws, regulations, and polices relating to early care education; and maintenance of childcare environments. A criminal background check and child maltreatment check are required.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 45 hours

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Tech Communication or higher-level composition course
ECED	1043	Development and Curriculum in Early Childhood
ECED	1053	Environments in Early Childhood
ECED	1063	Foundations of Early Childhood Education
ECED	1071	Introduction to Practicum
ECED	1082	Practicum I
HOEC	1113	Tech Curriculum Development for Infants/Toddlers
HOEC	2013	Tech Literacy and Language for Early Childhood Education
HOEC	2023	Tech Math and Science for Early Childhood Education
HOEC	2033	Tech Child Care Practicum II
HOEC	2073	Tech Child Guidance
HOEC	2143	Tech Child Care Program Planning
HOEC	2153	Tech Child Development
HOEC	2173	Tech Children with Special Needs
MAT	1203	Tech Mathematics or higher-level mathematics course

*Early Childhood Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Electromechanical Technology Technical Certificate* (Crossett)

The Electromechanical Technology program is designed to prepare individuals for entry-level maintenance jobs in industrial settings that require electrical/electronic and mechanical skills. While the program focuses primarily on industrial settings, graduates of the program are prepared for maintenance jobs in a variety of workplaces such as schools, hospitals, banks, government agencies, and independent contractors.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Prerequisites: 16 hours

All prerequisites must be completed prior to enrollment in the Electromechanical Technology Technical Certificate program. A student who successfully completes the prerequisite courses will obtain a Certificate of Proficiency in Industrial Equipment Repair.

ELM	1012	Maintenance Welding
ELM	1033	Industrial Diagrams
ELM	1064	Industrial Electricity
ELM	1074	Industrial Mechanics
MAT	2213	Advanced Industrial Mathematics or higher level mathematics course

Major Requirements: 38 hours

(includes prerequisites listed above)

COM	1102	Employability Skills/Ethics
COM	1203	Tech Communication or higher-level composition course
ELM	1023	Basic Machine Shop
ELM	1043	Pneumatics and Hydraulics
ELM	1054	Industrial Circuits and Controls
ELM	2084	Advanced Industrial Mechanics

One of the following courses:

CFA	1103	Tech Computer Fundamentals
CIS	1013	Introduction to Computer-based Systems or higher-level computer course

*The Electromechanical Technology student may choose to continue his/her studies and earn an Associate of Applied Science in Industrial Technology degree or an Associate of Applied Science in General Technology (AASGT) degree. There are two options for completion of the AASGT degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Electromechanical Technology (Instrumentation) Advanced Technical Certificate (Crossett)

The Electromechanical Technology-Instrumentation program is designed to provide individuals with the advanced industrial, electrical, mechanical, and instrumentation skills needed to become a technician in a highly developed industrial environment.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Prerequisite: A student must successfully complete the Electromechanical Technology Technical Certificate program listed above prior to enrollment in the Advanced Technical Certificate in Electromechanical Technology-Instrumentation program.

Major Requirements: 66 hours

38-39 hours from the Electromechanical Technology Technical Certificate and:

EIT	1112	Precision Maintenance
EIT	1122	Industrial Safety
EIT	2104	Industrial Electrical Motors/AC Drives
EIT	2145	Instrumentation
EIT	2155	Programmable Logic Controls
EIT	2163	Advanced Instrumentation and Troubleshooting
EIT	2175	Industrial Automation/Robotics Concepts
EIT	2612	DC Controls

*The Electromechanical Instrumentation Technology Advanced Technical Certificate student may choose to continue his/her studies and earn an Associate of Applied Science in Industrial Technology degree or an Associate of Applied Science in General Technology (AASGT) degree. There are two options for completion of the AASGT degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Emergency Medical Technician (Basic) Certificate of Proficiency (McGehee)

EMT-Basic course is an introductory study of emergency medical pre-hospital care. The course prepares individuals for employment as a Basic EMT. It follows the national standard curriculum set forth by the Department of Transportation. Instruction includes standard of care, legal/ethical issues, and pre-hospital procedures and techniques performed during emergencies. Upon successful completion, the EMT candidate will meet the requirements to challenge the National Registry EMT-Basic examination. EMT-Basic is a prerequisite for the Paramedic Program.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 8 hours

EMER	1138	Emergency Medical Technician-Basic

Emergency Medical Technology Paramedic Program Technical Certificate* (McGehee)

The Emergency Medical Technology Paramedic program prepares students to perform advanced emergency medical procedures in the pre-hospital setting. It follows the national standard curriculum set forth by the Department of Transportation. Upon successful completion of the program, the student is granted a technical certificate and is eligible to apply to take the National Registry EMT-Paramedic Examination.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Information regarding requirements for the paramedic program and the National Registry Test can be accessed at www.healthyarkansas.com/ems or by contacting your advisor/instructor.

Progression in the Emergency Medical Technology Paramedic Program:

A minimum grade of "C" in each course is required for progression in the Emergency Medical Technology Paramedic Program sequence.

NOTE: Because of the nature of the program, enrollment times may vary and class sizes are limited; completion of prerequisites does not necessarily indicate Emergency Medical Technology program admittance.

Prerequisites for the EMT Paramedic Program:

COM	1203	Tech Communication or higher-level composition course or an ACT (or equivalent placement score) English score of 19 or above
EMER	1103	Paramedic Human Anatomy and Physiology or higher-level anatomy and physiology course
EMER	1138	Emergency Medical Technician
MAT	1203	Tech Mathematics or higher-level mathematics course or an ACT (or equivalent placement score) Mathematics score of 19 or above

Major Requirements: 44 hours

EMER	1117	Paramedic I
EMER	1124	Paramedic Clinical I
EMER	2217	Paramedic II
EMER	2224	Paramedic Clinical II
EMER	2237	Paramedic III
EMER	2244	Paramedic Internship I
EMER	2317	Paramedic IV
EMER	2334	Paramedic Internship II

*Emergency Medical Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Health Information Technology
Technical Certificate (Crossett and McGehee)

The Health Information Technology Technical Certificate is designed to provide individuals with opportunities to learn basic knowledge and skills needed to become a medical assistant, medical office assistant, medical transcriptionist, medical insurance coder, or medical insurance technician with emphasis on the analysis of medical records. Of special note, medical coders must successfully complete the national certification examination of the American Academy of Professional Coders or those of the American Health Information Management Association for proper certification.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 39 hours

COM	1203	Tech Communications or higher-level composition course
MAT	1203	Technical Mathematics or higher-level technical mathematics course
HIT	1023	Tech Law and Ethics in Healthcare
HIT	1033	Tech Medical Coding I
HIT	1063	Tech Medical Office Procedures
HIT	1133	Tech Medical Terminology or higher-level medical terminology course
HIT	2023	Tech Advanced Medical Terminology
HIT	2043	Tech Medical Coding II
HIT	2053	Tech Reimbursement Methodologies
HIT	2203	Tech HIT Practicum

One of the following courses:

CFA	1103	Tech Computer Fundamental or higher-level tech computer course
CIS	2223	Microcomputer Application

One of the following courses

NUR	1514	PN Anatomy and Physiology
		or
HIT	1043	Essentials of the Human Body
		or
BIOL	2233	Anatomy and Physiology I and
BIOL	2291	Anatomy and Physiology I Lab
		or
BIOL	2243	Anatomy and Physiology II and
BIOL	2301	Anatomy and Physiology II Lab

One of the following courses:

HIT	2013	Tech Medical Transcription
HIT	2083	Tech Electronic Health Records
BUS	2163	Tech Spreadsheet Applications
HIT	2143	Tech Advanced Medical Coding

*Health Information Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of the requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Healthcare Office Skills
Certificate of Proficiency (Crossett and McGehee)

The Healthcare Office Skills Certificate of Proficiency is available for any student who successfully completes one semester of office skills related to healthcare. The student exits with entry-level skills for employment as a data entry operator, medical file clerk, secretary, or receptionist in a health care facility.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 18 hours

HIT	1023	Tech Law and Ethics in Healthcare
HIT	1033	Tech Medical Coding I
HIT	1063	Tech Medical Office Procedures
HIT	1133	Tech Medical Terminology or higher-level medical terminology course

One of the following courses:

CFA	1103	Tech Computer Fundamental or higher-level tech computer course
CIS	2223	Microcomputer Application

One of the following courses:

HIT	1043	Essentials of the Human Body
		or
NUR	1514	PN Anatomy and Physiology
		or
BIOL	2233	Anatomy and Physiology I and
BIOL	2291	Anatomy and Physiology I Lab
		or
BIOL	2243	Anatomy and Physiology II and
BIOL	2301	Anatomy and Physiology II Lab

Health Professions
Technical Certificate* (Crossett and McGehee)

The Health Professions Technical Certificate is designed to provide instruction that assists in mastery of core knowledge and skills to provide the foundation for various health professions. Students exiting this program may enter the healthcare support workforce as nursing assistants, emergency medical technicians, community health workers, phlebotomists, or continue advanced training and education.

NOTE: Technical courses required for this program may be transferable towards a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 35 hours

Required Courses: 21 hours

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Tech Communication or higher-level composition course
HIT	1023	Tech Law and Ethics in Healthcare
HIT	1133	Tech Medical Terminology or higher-level medical terminology course
MAT	1203	Tech Math or higher-level mathematics course
PHL	1013	Tech Orientation to Clinical Experiences

One of the following courses:

BIOL	2233	Anatomy and Physiology I and
BIOL	2291	Anatomy and Physiology I Lab
NUR	1514	PN Anatomy and Physiology

One of the following emphasis areas: 14 hours

Nursing Assistant/Pre-Practical Nursing Emphasis:

NA	1017	Nursing Assistant
PE	2113	Nutrition

Four credit hours from the following courses:

BIOL	2243	Anatomy and Physiology II
BIOL	2301	Anatomy and Physiology II Lab
BUS	1631	Introduction to Email and Internet
COM	1102	Employability Skills/Ethics
COMM	2203	Interpersonal Communication
HIT	2023	Tech Advanced Medical Terminology
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

EMT/Pre-Paramedic Emphasis:

EMER 1138 EMT Basic

Three credit hours from the following courses:

BUS	1631	Introduction to Email and Internet
COM	1102	Employability Skills/Ethics
EMER	1103	Paramedic Anatomy and Physiology
HIT	2023	Advanced Medical Terminology

One of the following courses:

COMM	2203	Interpersonal Communication
PE	2113	Nutrition
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

Phlebotomy/Clinical Laboratory Technician Emphasis:

PHL	1054	Tech Phlebotomy
PHL	1062	Tech Phlebotomy Practicum
COM	1102	Employability Skills/Ethics

Six credit hours from the following courses:

COMM	2203	Interpersonal Communication
HIT	2023	Tech Advanced Medical Terminology
PE	2113	Nutrition
PSY	1013	Introduction to Psychology
SOC	2213	Introduction to Sociology

*Health Professions students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of the requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Heavy Equipment Operator Technical Certificate* (McGehee) (classes held in Warren, Arkansas)

The Heavy Equipment Operator program is designed to train students to operate heavy equipment, to become proficient in safety procedures and to provide short-term retraining to existing heavy equipment operators.

Class work and hands-on experiences required for the Heavy Equipment Operator Technical Certificate provide the student with the opportunity to develop knowledge and skills to successfully complete the Assessment and Competency Standards for the National Center for Construction Education and Research certification.

There are two options for completion of the Heavy Equipment Operator technical certificate: Construction Option and Timber Production Option.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Total Hours Required for HEO Technical Certificate: 42 hours

Major Course Requirements for both options: 19 hours

COM	1203	Tech Communication or higher-level composition course
HEO	1012	Orientation
HEO	1023	Basic Safety
HEO	1033	Employability
HEO	1153	Heavy Equipment Safety
HEO	2082	Introduction to Earth Moving
MAT	1203	Tech Mathematics or higher-level mathematics course

Construction Option Requirements: 23 hours

HEO	1046	Construction Equipment I
HEO	2109	Construction Equipment II
HEO	2162	Construction Equipment I Field Work

One of the following courses:

HEO	2126	Construction Equipment II Internship
HEO	2116	Construction Equipment II Field Work

Timber Production Option Requirements: 23 hours

HEO	1066	Timber Equipment I
HEO	1072	Timber Equipment I Field Work
HEO	2139	Timber Equipment II

One of the following courses:

HEO	2146	Timber Equipment II Field Work
HEO	2156	Timber Equipment II Internship

*Heavy Equipment Operator Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Heavy Equipment Safety and Basic Maintenance Certificate of Proficiency* (McGehee)

The Heavy Equipment Certificate of Proficiency is available for any student who successfully completes one semester of safety and equipment maintenance related to heavy equipment. The student exits with entry-level skills for employment with an introduction to basic construction industry safety including OSHA, PPE requirements, haz mat, fires, electrical and other components; as well as an in-depth knowledge of heavy equipment safety including lockout/tagout procedures, MSDS, construction safeguards, and excavation dangers. The student will also gain skills in basic construction drawings reading, identification of equipment, basic operational techniques and tractors.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 14 hours

HEO	1012	Orientation
HEO	1023	Basic Safety
HEO	1153	Heavy Equipment Safety
HEO	1046	Construction Equipment I

*Students may choose to continue their studies and earn a Technical Certificate and an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Science in General Technology degree are found in the Division of General Studies section of this catalog.

Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) Technical Certificate (Crossett)

The 37-hour technical certificate is designed to prepare students for careers in the HVAC/R field. Students will develop the knowledge and skills necessary for employment with residential or commercial contractors, service companies in sales, or self-employment. Instruction includes principles and practical experience in heating, ventilation, air conditioning, and refrigeration systems, including installation, servicing, troubleshooting, and repairing residential and commercial systems.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 37 hours

CFA	1103	Tech Computer Fundamentals or higher- level computer course
COM	1102	Employability Skills/Ethics
COM	1203	Technical Communications or higher-level composition course
HVAC	1022	HVAC Tubing & Piping
HVAC	1033	HVAC Schematics
HVAC	1044	HVAC Electricity & Control Wiring
HVAC	1014	HVAC/R Fundamentals
MAT	2213	Advanced Industrial Math OR MATH 1043 College Algebra (ACTS Equiv # MATH 1103) or higher level math course
HVAC	2042	HVAC Troubleshooting & Certification
HVAC	2013	Heating Technology
HVAC	2024	Refrigeration Principles
HVAC	2034	Air Conditioning Systems

Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) Fundamentals Certificate of Proficiency (Crossett)

The 16-hour certificate of proficiency is designed to provide students the fundamental knowledge and skills for an entry-level technician in the HVAC/R field. Students will learn the basics in HVAC/R electricity, wiring, schematics, tubing and piping.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 16 hours

HVAC	1022	HVAC Tubing & Piping
HVAC	1033	HVAC Schematics
HVAC	1044	HVAC Electricity & Control Wiring
HVAC	1014	HVAC/R Fundamentals
MAT	2213	Advanced Industrial Math OR MATH 1043 College Algebra (ACTS Equiv # MATH 1103) or higher-level math course

Hospitality Skills Certificate of Proficiency (Crossett and McGehee)

The Hospitality Services Program provides students with the basic knowledge needed for entry-level employment in food service and lodging businesses. Upon successful completion of the Hospitality Skills Certificate of Proficiency, students will be prepared to earn ServSafe™ national certification.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 15 hours

BUS	2003	Tech Business English or higher-level composition course
HOSP	1013	Hospitality, Travel, and Tourism
HOSP	1022	Safety and Sanitation
HOSP	1033	Customer Service Relations
HOSP	1094	Culinary Fundamentals

Hospitality Services
Technical Certificate* (Crossett and McGehee)

The Hospitality Services Program Technical Certificate is designed to provide individuals with the knowledge, skills, and technical ability appropriate for employment in a wide variety of positions in the hospitality industry. Upon successful completion of the technical certificate, students will be prepared to earn ServSafe™ national certification. This program includes job shadowing experiences to simulate real world situations and opportunities.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 34 Hours

BUS	2003	Tech Business English or higher-level composition course
CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1102	Employability Skills/Ethics
HOSP	1013	Hospitality, Travel and Tourism
HOSP	1022	Safety and Sanitation
HOSP	1033	Customer Service Relations
HOSP	1063	Principles of Lodging Operations
HOSP	1082	Internship in Hospitality Services
HOSP	1094	Culinary Fundamentals
HOSP	1103	Culinary Preparation and Presentation
HOSP	1113	Principles of Baking
MAT	1203	Technical Mathematics or higher-level mathematics course

*Hospitality Services students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of the requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Industrial Equipment Repair
Certificate of Proficiency (Crossett)

The Industrial Equipment Repair Certificate of Proficiency will provide students with the basic maintenance knowledge needed in workplace settings requiring limited electrical and mechanical skills.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 16 hours

ELM	1012	Maintenance Welding
ELM	1033	Industrial Diagrams
ELM	1064	Industrial Electricity
ELM	1074	Industrial Mechanics
MAT	2213	Advanced Industrial Mathematics or higher-level mathematics course

Industrial Production Technology
Technical Certificate (Crossett)

The Industrial Production Technology program will provide individuals with the knowledge, skills, and technical ability to apply skills and foundational principles to the identification and resolution of production problems in the manufacture of products. Includes instruction in machine operation and maintenance, plant processes, quality management and control, precision measurement, fundamentals of electricity, teamwork, communication, and work ethic.

Major Requirements: 31 hours

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Technical Communication or higher-level composition course
IPT	1013	Introduction to Manufacturing
IPT	1022	Industrial Safety for Manufacturing
IPT	1043	Industrial Plant Processes
IPT	1053	Electricity for Manufacturing
IPT	1063	Manufacturing Equipment Maintenance & Operation
IPT	1073	Print Reading, Tolerancing & Precision Measurement
IPT	1522	Professional Behaviors
IPT	1923	Advanced Manufacturing Applications
MAT	2213	Advanced Industrial Mathematics

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Manufacturing Principles
Certificate of Proficiency (Crossett)

The Certificate of Proficiency in Manufacturing Principles will prepare entry-level workers to begin manufacturing jobs with a basic foundational knowledge of safety, plant processes, manufacturing, computer fundamentals, communication, and technical mathematics. Students who complete this certificate will have options to continue toward technical certificates in production and advanced manufacturing and an Associate of Applied Science Degree in Advanced Manufacturing Technology.

Major Requirement: 16 hours

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Technical Communication or higher-level composition course
IPT	1013	Introduction to Manufacturing
IPT	1022	Industrial Safety for Manufacturing
IPT	1522	Professional Behaviors
MAT	2213	Advanced Industrial Mathematics

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Nursing Assistant
Certificate of Proficiency (Crossett and McGehee)

The Nursing Assistant (NA) Program focuses on providing knowledge and skills specific to nursing assistant duties. Students will be provided classroom, applied lab, and clinical training in long-term healthcare facilities. Students who successfully complete the NA Program are eligible to take the skills and written examination that leads to Arkansas State Certification. Those students who successfully become certified are placed on the State Registry as a Certified Nurse Assistant (CNA).

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 7 hours

NA	1017	Nursing Assistant

Phlebotomy
Certificate of Proficiency (Crossett and McGehee)

This program provides students basic laboratory techniques and prepares students to perform entry level venipunctures and dermal punctures in various settings.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 9 hours

PHL	1054	Tech Phlebotomy
PHL	1062	Tech Phlebotomy Practicum
HIT	1023	Tech Law and Ethics in Healthcare

Practical Nursing
Technical Certificate* (Crossett and McGehee)

The Practical Nursing (PN) program is approved by the Arkansas State Board of Nursing with regular evaluations to ensure a quality education in the nursing field. The program is designed to prepare qualified individuals to meet community-nursing needs to perform those functions that are generally recognized as being within the scope of practical nursing and where the skill of registered nursing is not required.

To be considered for the Practical Nursing Program, an applicant must:

1. Complete the ACT, ACCUPLACER, or SAT exam with the required program entrance scores;

2. Be a high school graduate or high school equivalency (GED) graduate;

3. Complete UAM requirements for admission to the University;

4. Attend and complete all required orientations, appointments, assessments, and study sessions;

5. Declare his/her chosen PN track in writing and apply for the program; and

6. Successfully complete all prerequisite courses with a grade of "C" or higher. With the exception of mathematics, English, and computer courses, all Practical Nursing program prerequisites must have been completed within the past five (5) years with a grade of "C" or higher.

Any applicant who meets all stated conditions/requirements will be considered part of the applicant pool. The applicant pool will be ranked based upon academic and other specific criteria outlined in a separate publication. The number of applicants accepted into the program will not exceed Arkansas State Board maximums for instructor-student ratio. If selected applicants fail to meet stated conditions/requirements, alternate applicants will be accepted into the program, provided he/she has met all stated conditions/requirements.

The University of Arkansas at Monticello Colleges of Technology Practical Nursing Program does not offer advanced placement or the transfer of nursing credit from other institutions for the Practical Nursing Technical Certificate or the Associate of Applied Science in Nursing (AASN) Degree.

A student has the option of completing a technical track or an Associate of Applied Science in Nursing (AASN) Degree track through the Practical Nursing Program. Successful completion of the practical nursing program requirements under either the technical track or the AASN track will result in a one-year technical certificate and academic eligibility to sit for the NCLEX-PN Exam.

A student in the technical track should be aware that if he/she subsequently pursues the UAM Associate of Applied Science in Nursing (AASN), the UAM Bachelor of Science in Nursing (BSN) Degree, or a Registered Nurse (RN) program, he/she would be required to complete all prerequisites required for those individual programs. Information regarding the UAM Associate of Applied Science Nursing (LPN-RN Fast Track Program) and the UAM Bachelor of Science in Nursing (BSN) degree programs can be found in the Division of Nursing section elsewhere in this catalog.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Prerequisites for students seeking an Associate of Applied Science Nursing (AASN) degree and a Practical Nursing Technical Certificate:

BIOL	2233	Anatomy and Physiology I
BIOL	2243	Anatomy and Physiology II
BIOL	2291	Anatomy and Physiology I Lab
BIOL	2301	Anatomy and Physiology II Lab
ENGL	1013	Composition I or higher-level English composition course

One of the following:

MATH	1003	Quantitative Literacy or higher-level mathematics course
MAT	2213	Advanced Industrial Mathematics or higher

NA	1017	Nursing Assistant*
PE	2113	Nutrition
CIS	1013	Introduction to Computer-Based Systems or higher-level computer course

*NOTE: Specific substitutions may be accepted for NA 1017. Contact the Practical Nursing Program Director for more information.

Prerequisites for students seeking only a Practical Nursing Technical Certificate:

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Tech Communication or higher-level composition course
MAT	1203	Tech Mathematics or higher-level mathematics course
NA	1017	Nursing Assistant*
NUR	1514	PN Anatomy and Physiology
PE	2113	Nutrition

*NOTE: Specific substitutions may be accepted for NA 1017. Contact the Practical Nursing Program Director for more information.

Major Requirements for students seeking an AASN degree and students seeking a Technical Certificate: 42 hours

NUR	1002	PN Pharmacology
NUR	1101	PN Vocational/Legal/and Ethics
NUR	1117	PN Basic Nursing Principles and Skills
NUR	1162	PN Nursing of Geriatrics/Management
NUR	1203	PN IV Therapy
NUR	1231	PN Nursing of Mothers and Infants
NUR	1242	PN Nursing of Children
NUR	1317	PN Adult Medical-Surgical Nursing I
NUR	2151	PN Mental Health and Illness
NUR	2264	PN Clinical I
NUR	2326	PN Clinical II
NUR	2414	PN Clinical III
NUR	2422	PN Adult Medical-Surgical Nursing II

Progression in the Nursing Sequence:

A minimum grade of "C" in each nursing course is required for progression in the nursing sequence.

Conviction of a Crime

The Arkansas State Board of Nursing (ASBN) has the authority to deny licensure to any person who has been convicted of a crime. Conviction of a crime may prevent a student from taking clinical courses, the National Council Licensure Examination for Practical Nurses (NCLEX-PN) or becoming licensed to practice as a Licensed Practical Nurse (LPN). If you have any questions or have been convicted of a crime of any type, go to the ASBN website Rules and Regulations/Licensing 17-87-312 for more information, see the following link: http://www.arsbn.org/Websites/arsbn/images/NURSEPRACTICEACT_2018.February2018.Subchapter3.pdf **and** make an appointment with the appropriate College of Technology Practical Nursing department chair or counselor. Any violations or convictions during enrollment in the Practical Nursing program may result in dismissal from the program.

*Practical Nursing Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Timber Equipment Safety and Operation Certificate of Proficiency* (McGehee)

The Timber Equipment Safety and Operation Certificate of Proficiency is available for any student who successfully completes one semester of safety and operation related to timber equipment. The student exits with entry-level skills for employment with an in-depth knowledge of safety including lockout/tagout procedures, MSDS, construction safeguards, and excavation dangers. The student will also gain classroom skills and hands-on experience in map reading and land location, tree cutter, skidder/loader, forestry and governmental regulations.

NOTE: Technical courses required for this certificate may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 11 hours

HEO	1153	Heavy Equipment Safety
HEO	1066	Timber Equipment I
HEO	1072	Timber Equipment I Fieldwork

*Students may choose to continue their studies and earn a Technical Certificate and an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.

Tractor and Trailer Operations (CDL) Certificate of Proficiency (McGehee)

This certificate provides students with a basic knowledge and laboratory experiences in the operation of tractor and trailer unit for the purpose of completing the Commercial Driver's License (CDL) exam. Any student holding a current Commercial Driver's License (CDL) will receive credit for the CDL courses upon completion of the program.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 11 hours

CDL	1013	Servicing Road Tractors and Trailers
CDL	1024	Tractor/Trailer Operation
BUS	1021	Tech Keyboarding (Lab)
CDL	1033	Tractor and Trailer Operation Internship

Welding Technology
Certificate of Proficiency (Crossett and McGehee)

The Welding Technology Certificate of Proficiency is available for those students who complete only one semester of welding courses prior to exiting for employment. Students will have the opportunity to earn American Welding Society certification in accordance with the skill levels developed in the Basic and Arc Welding courses.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 10 hours

WELD	1115	Basic Welding
WELD	1215	SMAW (Shielded Metal Arc Welding)

Welding Technology
Technical Certificate* (Crossett and McGehee)

The Welding Technology Technical Certificate program will provide students with opportunities to develop skills in gas, arc, shielded metal arc, gas metal arc, gas tungsten arc, and pipe welding. Students may earn various American Welding Society certifications in accordance with their developed skill level.

NOTE: Technical courses required for this program may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

Major Requirements: 37 hours

CFA	1103	Tech Computer Fundamentals or higher-level computer course
COM	1203	Tech Communication or higher-level composition course
MAT	1203	Tech Mathematics or higher-level mathematics course
WELD	1103	Blueprint Reading
WELD	1115	Basic Welding
WELD	1215	SMAW (Shielded Metal Arc Welding)
WELD	1315	GTAW (Gas Tungsten Arc Welding)
WELD	1415	GMAW (Gas Metal Arc Welding)
WELD	1513	Pipe Welding

Electives (2 hours)

WELD	1401	Welding Lab I AND
WELD	1501	Welding Lab II
COM	1102	Employability Skills and Ethics

*Welding Technology students may choose to continue their studies and earn an Associate of Applied Science in General Technology degree. There are two options for completion of this degree plan. Details of requirements for the Associate of Applied Science in General Technology degree are found in the Division of General Studies section of this catalog.



Undergraduate Course Descriptions

The Course Listings section of the catalog provides descriptions of all courses approved by the faculty. Any of these courses may be scheduled during the University's academic terms.

The listings follow a uniform pattern. The listing for CHEM 3404 can serve to explain the course listings of this section.

CHEM 3404 Organic Chemistry I

4 credits: 3 hours lecture, 3 hours laboratory

Prerequisites: CHEM 1113 and CHEM 1131

A study of carbon compounds, including an introduction to organic nomenclature, reactions, reaction mechanisms, and structural and stereochemical problems.

The first line of the listing's entry consists of:

PREFIX: In this case CHEM, prefixes always consist of upper case letters, prefixes used by particular divisions of the University are listed below;

NUMBER: In this case, 3404 numbers consist of four digits (or the letter V); the first number indicates the level of the course (1 for freshman level, 2 for sophomore level, 3 for junior level, 4 for senior level, 5 for graduate level), the last digit indicates the number of credits earned in the course (V means that credit may vary or that credits in the course exceed 9);

TITLE: The course's first title which may be abbreviated in some course listings and schedules.

The second line of the listing states the number of credits a student may earn in the course and indicates the number of weekly hours the course requires in classroom lecture or laboratories.

The third line lists course prerequisites courses which must be passed before registering for the course) and corequisites (courses which the student must either have passed previously or be enrolled in concurrently).

The course description follows the items identified above.

Prefixes Used by University Academic Units

Agriculture prefixes include: AGEC, AGEN, AGRI, AGRO, ANSC, ENTO, HORT

Arts and Humanities prefixes include: ART, COMM, ENGL, FA, FREN, MODL, MUS, PHIL, PMUS, SPAN

Business prefixes include: ACCT, ECON, FIN, GB, MGMT, MKT

Computer Information Systems prefixes include: CIS, CS

Developmental prefixes include: DEV

Developmental Technical prefixes include: DEVT

Education prefixes include: ECED, EDUC, EXSC, MLED, PE, READ, SPED

Forestry and Natural Resources prefixes include: FRT, GIS, NRM, SURV

Mathematical and Natural Sciences prefixes include: BIOL, CHEM, ENGR, ESCI, MAED, MATH, PHSC, PHYS, SCED

Nursing, leading to a baccalaureate or associate degree prefixes include: NURS

Social and Behavioral Sciences prefixes include: ANTH, CJ, GEOG, HIST, PSCI, PSY, SOC, SOSC, SWK

Colleges of Technology prefixes include: AUTO, BUS, CDL, CFA, CHM, CLE, CMP, COM, CSC, DTT, EIT, ELM, EMER, HEO, HTH, HIT, HOEC, HOSP, HVAC, IPP, IPT, MANF, MAT, MGT, NA, NUR, PHL, PPS, SER WELD,

A prefix of UST may designate a course taught by a faculty in any subdivision of the University which is done experimentally or for a short period of time.

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ACCT Courses (Accounting)

ACCT 2213 Principles of Financial Accounting
A.C.T.S. Equivalent Course # ACCT 2003
3 credits: 3 hours lecture
Corequisites: ENGL 1013 and MATH 0183 or higher-level mathematics
Fundamental accounting issues and concepts, interpretation and classification of accounts, and composition and analysis of financial statements. Offered: Fall, Spring, Summer.

ACCT 2223 Principles of Managerial Accounting
3 credits: 3 hours lecture
A.C.T.S. Equivalent Course # ACCT 2013
Prerequisite: ACCT 2213
Accounting information as it relates to the needs of business managers, product costing, standard costs, budgeting and variance analysis, and decision making. Offered: Fall, Spring, Summer.

ACCT 3403 Intermediate Accounting I
3 credits: 3 hours lecture
Prerequisite: ACCT 2213
Comprehensive overview of Generally Accepted Accounting Principles and the Conceptual Framework for Financial Reporting including the following topics: the accounting information system; the Income Statement; the Balance Sheet and Statement of Cash Flows; the time value of money as related to accounting; cash and receivables; inventories; fixed assets and depreciation; and intangible assets. Offered: Fall

ACCT 3413 Intermediate Accounting II
3 credits: 3 hours lecture
Prerequisite: ACCT 2213
Comprehensive overview of Generally Accepted Accounting Principles and the Conceptual Framework for Financial Reporting including the following topics: current liabilities and contingencies; long-term liabilities; stockholder's equity; dilutive securities and earnings per share; investments; revenue recognition; income taxes; pensions and post-retirement benefits; leases; correction of errors; Statement of Cash Flow; and disclosures in financial reporting. Offered: Spring

ACCT 3433 Cost Accounting I
3 credits: 3 hours lecture
Prerequisite: ACCT 2223
Accounting for materials, labor, overhead; cost records, summaries, statements; job order cost systems; process cost techniques; introduction to standard costs, estimated costs, distribution costs. Offered: Fall

ACCT 4323 Accounting Information Systems
3 credits: 3 hours lecture
Prerequisites: ACCT 3413 and ACCT 3433
Co-requisite: ACCT 4773 or instructor's permission
Provides system criteria as it relates to the accounting field. Includes participation in practical system evaluation with primary emphasis placed on systems controls and transaction processing in the revenue and purchase cycles. Additional work will focus on design of a database to use in processing transactions. Offered: Spring

ACCT 4343 Forensic Accounting
3 credits: 3 hours lecture
Prerequisite: ACCT 4773
An introduction to forensic accounting, which is the action of identifying, recording, settling, extracting, sorting, reporting, and verifying past financial data or other accounting activities, in order to settle current or prospective legal disputes

ACCT 4333 Fraud Examination (same as GB 4333)
3 credits: 3 hours lecture
An overview of the fraud problem including a discussion of fraud detection and prevention methods. Includes a discussion of the options victims of fraud have when deciding how to follow up on frauds they have uncovered. Offered: Spring

ACCT 4633 Governmental Accounting
3 credits: 3 hours lecture
Prerequisite: ACCT 2223
Fund accounting for governmental and not-for-profit entities. Financial and budgetary control, the budgetary process in governments, special accounting and reporting problems of the public and not-for-profit sector. Offered: Fall

ACCT 4643 International Accounting
3 credits: 3 hours lecture
Prerequisites: ACCT 2213 and ACCT 2223
Introduction to accounting regulations and practices outside of the U.S., comparison of accounting standards in different countries and the driving forces behind them; international accounting standards and international management control issues. Review of cultural frameworks, transfer pricing methods, and international accounting standards. Offered: Summer

ACCT 4673 Cost Accounting II
3 credits: 3 hours lecture
Prerequisite: ACCT 3433
A continuation of the study of cost accounting with emphasis on standard costs, analysis of cost for profit decision-making purposes; comprehensive profit planning and control, cost/volume/profit analysis, capital budgeting; responsibility reporting, performance measurement and transfer pricing in a decentralized organization. Offered: Spring.

ACCT 4683 Federal Tax Accounting I
3 credits: 3 hours lecture
Prerequisite: ACCT 2213
Coverage of income tax concepts, principles, and practice. Instruction in tax planning, determination, research, and federal tax rules and regulations for individuals. Offered: Fall.

ACCT 4693 Federal Tax Accounting II
3 credits: 3 hours lecture
Prerequisite: ACCT 4683
Coverage of income tax concepts, principles, and practice. Instruction in tax planning, determination, research, and federal tax rules and regulations for businesses and fiduciaries. Offered: Spring.

ACCT 4723 Advanced Accounting I
3 credits: 3 hours lecture
Prerequisite: ACCT 3413
Comprehensive study of business combinations including mergers, acquisitions, and consolidations. Special emphasis is placed on preparation of consolidated financial statements for complex acquisitions resulting in parent-subsidiary combinations and application of the full equity method of accounting for investments in subsidiaries. Offered: Fall.

ACCT 4733 Advanced Accounting II
3 credits: 3 hours lecture
Prerequisite: ACCT 4723
Comprehensive study of partnerships, foreign currency transactions and financial statement translation, segment and interim reporting and estates and trusts. Offered: Spring.

ACCT 4773 Auditing
3 credits: 3 hours lecture
Prerequisites: ACCT 3403, 3413 and ACCT 3523
Basic functions/objectives of auditing, audit principles and procedures application; internal control preparation of working papers; report writing; types of audits. Offered: Fall.

ACCT 479V Independent Study in Accounting
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

ACCT 4893 Accounting Internship
Prerequisite: junior standing and completion of 15 hours in accounting. Internship must be approved by the instructor and Dean prior to enrollment Professional quality experience in the field of accounting under the dual direction of a faculty member and a worksite supervisor. Written and oral reports, journal entries, and other documentation may be required.

AGEC Courses (Agriculture Economics)

AGEC 2273 Agricultural Economics
3 credits: 3 hours lecture
Application of economic principles to agriculture and their effect on the incomes and living standards of farm people; present-day farm economics in the United States.

AGEC 4601 Agriculture Economics Quiz Bowl
1 Credit Hour
Prerequisite: AGEC 2273
NOTE: May be repeated.
A study of economic subjects through the use of a quiz bowl format that includes question development and simulated competitions. Participation in simulated and regional competitions required.

AGEC 4613 Agricultural Policy
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
A study of the effect of government agricultural policies on farm income, crop acreage, food supply, food prices, agricultural exports, trade barriers, world hunger, and economic development.

AGEC 4623 Farm Management
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
Decision-making in the organization and operation of the farm business involving the use of basic principles of farm management.

AGEC 4633 Site Specific Farm Management
3 credits: 2 hours lecture, 2 hours lab
Prerequisite: AGRO 3013 Introduction to Precision Agriculture
Use of GIS applications and agriculture technology for record keeping, crop management, field/farm management, financing/real estate, and farm planning. Field trips may be required.

AGEC 4683 Commodity Marketing
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
Economic aspects of the marketing of specific commodities. Factors affecting supply, demand, prices, trends, marketing methods, and distribution channels will be examined.

AGEC 4703 Contract Marketing and Futures Trading
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
Theory and practice of trading in commodity futures: 1) hedging, 2) speculator strategies, 3) mechanics of the future market.

AGEC 4713 Agricultural Finance
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
Methods and procedures of acquiring and utilizing funds. Emphasis is placed upon financial planning and financial firms serving agriculture.

AGEC 479V Independent Study in Agricultural Economics
Variable credit
Consult the Independent Study Courses subheading the Academic Regulations section of this catalog for prerequisites and description.

AGEC 4803 Agribusiness Firm Management
3 credits: 3 hours lecture
Prerequisites: AGEC 2273 or ECON 2213
Application of economic decision-making processes as they relate to the management of agricultural businesses.

AGEC 4813 Agricultural Price Analysis
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
An application of economic theory to solve problems relating to agricultural price analysis. Techniques for predicting price behavior and the relationships between the general economy and prices of agricultural commodities will be analyzed.

AGEC 4823 Economics of Environmental Management
3 credits: 3 hours lecture
Prerequisite: AGEC 2273 or ECON 2213
An economic approach to problems of evaluating the private and social benefits and costs of altering the environment. Emphasis will be placed on the problems associated with determining and maintaining acceptable levels of environmental quality. These problems will deal with the interactions between individuals, institutions, technology and the environment.

AGEN Courses (Agricultural Engineering)

AGEN 2263 Soil and Water Conservation
3 credits: 2 hours lecture, 2 hours laboratory
Prerequisite: Sophomore standing
Soil and water conservation practices on agricultural lands involving surveying, leveling, terracing, drainage, irrigation, water supply, excavating, mapping, and farm pond measurements.

AGEN 479V Independent Study in Agricultural Engineering
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

AGRI Courses (General Agriculture)

AGRI 1101 Agriculture Orientation
1 credit: 1 hour lecture
NOTE: Required of all freshmen majoring in Agriculture and all transfer students with less than 30 hours. An overview of agriculture with emphasis on its social, economic, and environmental importance.

AGRI 3003 Agriculture Technology and Utilizations
3 credits: 2 hours lecture, 2 hours lab
Prerequisite: AGRO 1033
Survey of current technology used in precision agriculture including GIS software, soil analysis, remote sensing, in-field monitoring, prescription inputs, and variable rate applications. Hands-on activities in addition to extended field trips.

AGRI 472V Special Topics
Variable credit
Prerequisite: Junior standing and 3.00 GPA or better in major area of interest.
Selected topics not covered in other courses or a more intensive study of specific topics in agriculture. Topics vary. Type of instruction depends on subject. Field trips may be required.

AGRI 4771 Seminar
1 credit: 1 hour lecture
Prerequisite: Senior standing
NOTE: Maximum of 2 credit hours.
Papers and assigned topics dealing with current issues. Participation includes oral presentation and written reports.

AGRI 4783 Internship
3 credits: 3 hours lecture
Prerequisite: Junior standing; approval of project proposal prior to enrollment; and 2.50 GPA or instructor's permission
Supervised work in agriculture to develop professional competence. Written and oral reports are required at the completion of the project. NOTE: A non-repeatable course.

AGRI 479V Independent Study in Agriculture
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

AGRO Courses (Agronomy)

AGRO 1033 Principles of Field Crops
3 credits: 2 hours lecture, 2 hours laboratory
Field crops, types of varieties relating to the management and environment and to their value as cash, grain, feed, and cover, or green manure crops.

AGRO 2053 Applied Plant Pathology
3 credits: 2 hours lecture, 2 hours laboratory
Prerequisites: AGRO 1033 and four hours of biology from the following: BIOL 1063 and BIOL 1071; or BIOL 2143 and BIOL 2171; or BIOL 2153 and BIOL 2161
NOTE: Extended field trips in addition to regular lab hours may be required.
Basic principles of plant pathology will be introduced. Lecture hours will deal with agronomic and horticulture crops common to Arkansas.

AGRO 2244 Soils
4 credits: 3 hours lecture, 2 hours laboratory
Prerequisites: CHEM 1113 and CHEM 1131
NOTE: Extended field trips required in addition to regular lab hours.
The study of soil as a natural body from the standpoint of how to produce agronomic and horticulture plants.

AGRO 2251 Soil Judging, Sophomore Level
1 credit: 2 hours laboratory
Emphasis on soil morphology. Possible participation in intercollegiate judging competition. Field trips required.

AGRO 3013 Introduction to Precision Agriculture
3 credits: 2 hours lecture, 2 hours lab
Prerequisite: AGRO 1033, AGEC 2278
Use of GIS applications in site specific crop management including soil sampling, variable rate prescriptions, yield maps, and GIS data collection, management, transfer, and analysis. Field trips may be required.

AGRO 3421 Soil Judging, junior Level
1 credit: 2 hours laboratory
Prerequisite: AGRO 2251
Emphasis on soil classification. Possible participation in intercollegiate judging competition. Field trips required.

AGRO 3453 Forage Crops
3 credits: 3 hours lecture
Prerequisite: AGRO 1033
NOTE: Extended field trips required in addition to regular lecture.
Forage crops for pastures, hay, soiling, and silage, with reference to adaptation, production, utilization, and improvement.

AGRO 3503 Cereal Crops
3 credits: 3 hours lecture
Prerequisite: AGRO 1033
NOTE: Extended field trips required in addition to lecture.
Soil and climatic adaptation, utilization, production, cultural practices, and improvement.

AGRO 3513 Fiber and Oilseed Crops
3 credits: 3 hours lecture
Prerequisite: AGRO 1033
NOTE: Extended field trips required in addition to lecture.
Biological principles generally involved in field crop production with emphasis given to specific agronomic implications as related to products of cotton and soybeans.

AGRO 3533 Introduction to Weed Science
3 credits: 2 hours lecture, 2 hours laboratory
Prerequisite: AGRO 1033 or BIOL 2143, CHEM 1113 and CHEM 1131
Fundamental concepts of weed biology, ecology and identification; overview of the chemistry and modes of action of major herbicide groups; contemporary concepts and technology for weed control in major agronomic crops.

AGRO 4733 Principles of Weed Control
3 credits: 2 hours lecture, 2 hours laboratory
Prerequisite: CHEM 1113 and CHEM 1131
Mechanical, biological, and chemical control measures employed in weed science. Herbicide usage relative to selectivity and control measures in specific crops are stressed.

AGRO 4743 Soil Fertility
3 credits: 3 hours lecture
Prerequisite: AGRO 2244
NOTE: Extended field trips required in addition to regular lecture.
Soil fertility principles, soil amendments, and cultural practices for maintaining and increasing soil productivity.

AGRO 4753 Crop Physiology
3 credits: 3 hours lecture
Prerequisites: BIOL 2143 and BIOL 2171
Effects of various physiological and environmental factors on crop production and the effects of post-harvest treatments on crop quality.

AGRO 4761 Soil Judging, Senior Level
1 credit: 2 hours laboratory
Prerequisites: AGRO 2244
Emphasis on pedology and geomorphology. Possible participation in intercollegiate judging competition. Field trips required.

AGRO 479V Independent Study in Agronomy
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

ANSC Courses (Animal Science)

ANSC 1003 Principles of Animal Science
3 credits: 2 hours lecture, 2 hours laboratory
Basic discussion of livestock. Topics covered include livestock products, reproduction, breeding and genetics, nutrition and health together with discussions of the specific farm species.

ANSC 2213 Feeds and Feeding
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Basic animal nutrition, composition and value of feedstuffs and the application of this information in ration formulation.

ANSC 2223 Anatomy and Physiology of Domestic Animals
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Anatomy and physiology of domestic animals, including structure and function of body systems.

ANSC 3013 Companion Animals
3 credits: 3 hours lecture
Selection, rearing, uses and health concerns of companion animals. Includes discussion of canine, feline, small mammals, birds, reptile and amphibian pets.

ANSC 3413 Livestock Breeding and Genetics
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Fundamentals of livestock improvement with special emphasis on heredity and selection.

ANSC 3463 Poultry Production
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
All aspects of commercial poultry production, including genetics, nutrition, and physiology of both poultry meat and eggs. Extended field trips may be held in addition to regular lecture.

ANSC 3474 Beef Production
4 credits: 3 hours lecture, 2 hours laboratory
Prerequisite: ANSC 1003
Systems of commercial and purebred beef production including genetics, reproduction, health and nutrition of beef cattle. Extended field trips may be held in addition to regular lecture.

ANSC 3483 Sheep and Goat Production
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Systems of commercial and purebred sheet and goat production including genetics, reproduction, health, nutrition and marketing.

ANSC 3493 Swine Production
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Systems of commercial and purebred swine production including genetics, reproduction, health and nutrition. Extended field trips may be held in addition to regular lecture.

ANSC 3523 Horse Production
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Systems of horse production, including genetics, reproduction, training, health and nutrition.

ANSC 4633 Animal Metabolism and Nutrition
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Corequisite: CHEM 2203
Basic biochemistry of nutrients, metabolism, and their application in livestock production.

ANSC 4643 Diseases of Domestic Animals
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
Common disease identification, prevention, and cure, including the natural body defense functions. Class periods may include laboratory experience.

ANSC 4653 Reproduction of Farm Animals
3 credits: 3 hours lecture
Prerequisite: ANSC 1003
The reproductive process, which includes reproductive endocrinology, anatomy and physiology of the male and female, and specific characteristics of fertility and infertility.

ANSC 479V Independent Study in Animal Science
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

ANTH Courses (Anthropology)

ANTH 2203 Cultural Anthropology
A.C.T.S. Equivalent Course # ANTH 2013
3 credits: 3 hours lecture
Culture and its influence on human behavior through a comparative study of a selected sample of world cultures.

ANTH 2213 North American Indians
3 credits: 3 hours lecture
A survey of the various Indian tribes of North America and the interaction of European and Indian cultures. May be taken for credit in either Anthropology or Sociology.

ANTH 2223 World Prehistory
3 credits: 3 hours lecture
Biological and cultural evolution of humankind; cultural ecology; surveys of hunter-gatherers, domestications of plants and animals, rise of complex agricultural societies and early civilizations in the old and new worlds. May be taken for credit in either Anthropology or Sociology.

ANTH 2233 Arkansas Regional Archeology
3 credits: 3 hours lecture
Introduction to prehistoric and historic archeology of southeast Arkansas and adjacent regions. Field and/or laboratory component required.

ANTH 2243 Sex, Gender, and Culture
3 credits: 3 hours lecture
An examination of the cultural construction of gender and gender roles in societies from historical and anthropological perspectives.

ANTH 2253 Introduction to Archaeology
3 credits: 3 hours lecture
An introduction to methods and techniques used to identify and date archaeological cultures, reconstruct past lifeways, and describe cultural change.

ANTH 479V Independent Study in Anthropology
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

ART Courses (Art)

ART 1013 Drawing I
3 credits: 6 hours lecture and studio
Study of proportion, perspective, light and shade, basic elements of pictorial composition.

ART 1023 Design and Color
3 credits: 6 hours lecture and studio
A basic study of the use of line, shape, texture, value, and color and their relationships in composition.

ART 1033 Digital Photography
3 credits: 3 hours lecture
Introduction to the fundamentals of digital photography. Topics covered include basic operation of a digital camera, composition, camera controls, exposure, and basic image enhancement for creative use.

ART 1043 Computer Applications In Art
3 credits: 3 hours lecture
Corequisite: ART 1023
A basic study of using and understanding industry-standard computer software used by graphic designers.

ART 1053 Art Appreciation
A.C.T.S. Equivalent Course # ART 1003
3 credits: 3 hours lecture
A basic introductory course in man's cultural heritage through the visual arts.

ART 1063 3-D Design
3 credits: 6 hours lecture and studio
Introduction to the processes and media of 3-dimensional design to include both additive and subtractive processes.

ART 1103 Art for Elementary Teachers
3 credits: 3 hours lecture
Art and handicrafts for children of various age levels with instruction and practice in executing appropriate projects on each level.

ART 1123 Graphic Design I
3 credits: 6 hours lab
Basic principles of typography, printing processes, design and visual communication as they relate to graphic design and visual literacy through creative thinking and problem solving exercises.

ART 2123 Graphic Design II
3 credits: 6 hours lab
Prerequisite: ART 1123
A continuation of Graphic Design I. Exploration and experimentation with Image, letter, word, text, and method of organization. Introduction to the concepts, processes and technologies Involved In designing for the web.

ART 2203 Watercolor
3 credits: 6 hours lecture and studio
Basic techniques in handling transparent watercolor with work in still life and landscape.

ART 2223 Ceramics I
3 credits: 6 hours lecture and studio
Introduction to design and production of pottery. Hand building, decorating, and glazing.

ART 2243 Painting I
3 credits: 6 hours lecture and studio
Alla prima (direct) oil painting.

ART 2263 Ceramics II
3 credits: 6 hours lecture and studio
Prerequisite: ART 2223
A continuation of ART 2223 with emphasis on the potter's wheel.

ART 2273 Metals
3 credits: 6 hours lecture and studio
Techniques in silversmithing and art metalsmithing. Design and construction of projects to build basic small metalsmithing skills.

ART 2283 Drawing II
3 credits: 6 hours lecture and studio
Prerequisite: ART 1013
A continuation of Drawing I with emphasis in more diverse mediums, with studio practice in drawing a live model.

ART 2293 Printmaking
3 credits: 6 hours lecture and studio
Introduction to the four processes in Printmaking: planographic, intaglio, relief, and stencil.

ART 3303 Elementary Art Methods
3 credits: 3 hours lecture
A course designed for prospective teachers of art in the schools. Lecture, discussion, and appropriate projects concerning art theory, curriculum content, and strategies for the teaching of art to elementary children.

ART 3313 Advanced Drawing
3 credits: 6 hours lecture and studio
Prerequisite: ART 2283
Continuation of ART 2283 (Drawing II) with emphasis on theory and content.

ART 3323 Painting II
3 credits: 6 hours lecture and studio
Prerequisites: ART 1013, 1023, and ART 2243
Continuation of ART 2243 (Painting I). Conceptual and compositional construction of painting will be explored in relation to the concepts and theory of Modernism.

ART 3333 Painting III
3 credits: 6 hours lecture and studio
Prerequisite: ART 3323
Continuation of ART 3323 (Painting II). Experimentation with various techniques.

ART 3343 Advanced Printmaking
3 credits: 6 hours lecture and studio
Prerequisite: ART 2293
Refinement and control of Printmaking processes with emphasis on individual expression.

ART 3403 Art History Survey I: Prehistoric to Renaissance
3 credits: 3 hours lecture
Prerequisite: ENGL 1023 or ENGL 1043
Examination of painting, sculpture, architecture, and media from prehistoric to Renaissance periods.

ART 3413 Art History Survey II: Renaissance to Present
3 credits: 3 hours lecture
Prerequisite: ENGL 1023 or ENGL 1043
Examination of painting, sculpture, architecture, and media from Renaissance to the present day.

ART 3423 Advanced Watercolor
3 credits: 6 hours lecture and studio
Prerequisite: ART 2203
Continuation of ART 2203 with emphasis on expression.

ART 3713 Ceramics III
3 credits: 6 hours lecture and studio
Prerequisite: ART 2263
Continuation of ART 2263 (Ceramics II). Additional potter's wheel techniques. Study of glazes and glaze formulation.

ART 4643 Painting III
3 credits: 6 hours lecture and studio
Prerequisites: ART 1013, 1023, 3443, and ART 4613
Continuation of ART 4613. Experimentation with various techniques.

ART 468V Art Practicum
Variable credit
Prerequisite: Advanced standing and Dean's and instructor's permission
Selected topics not covered in other courses or a more intensive study of specific topics in art, which will include practical application of these topics.

ART 4694 Senior Thesis
4 credits: 8 hours laboratory
Prerequisite: Advanced standing and permission of instructor or the School Dean
Corequisite: The 3000-4000 level studio course that corresponds to the thesis focus.
Preparation leading up to and including a Senior Art Exhibition. Course addresses finishing, publicity, and marketing strategies.

ART 4723 Ceramics IV
3 credits: 6 hours lecture and studio
Prerequisite: ART 3713
A continuation of Ceramics III. Emphasis on developing a personal style, noting historical references. Formulation of glazes for personal use will be explored. An artist's statement must accompany the final project.

ART 4753 Ceramics V
3 credits: 6 hours lecture and studio
Prerequisite: ART 4723
A continuation of Ceramics IV. Further emphasis on developing personal style, historical reference, and glaze formulation.

ART 4763 Ceramics VI
3 credits: 6 hours lecture and studio
Prerequisite: ART 4753
A continuation of Ceramics V. Critical review of personal style, historical reference and glaze formulation. Independent firing techniques, glaze applications and personal artistic career direction will be emphasized.

ART 4733 Special Topics in Art History
3 credits: 3 hours lecture
Prerequisite: ENGL 2283 or ENGL 2293
Selected topics not covered in other courses or a more intensive study of specific topics in art history. Topics may include but are not limited to intensive study Craft, Feminine, Fine Art, and Mixed Media Time Based Arts. Can be repeated for a total of 12 hours when content varies.

ART 4743 Painting IV
3 credits: 6 hours lecture and studio
Prerequisite: ART 3333
Concerned with the discovery of personal artistic voice using the materials of painting. Conceptual and composition construction of painting will be explored in relation to personal thesis exploration.

ART 479V Independent Study in Art
Variable Credit
Consult the Independent Study Courses subheading in the Academic regulations section of this catalog for prerequisites and description.

ART 4903 Seminar in Teaching Art
3 credits: 3 hours lecture
Prerequisite: Advanced standing and permission of instructor or the School Dean
Evaluation and critique of micro classroom teaching, history of academic discipline, philosophical development, test design and evaluation, and materials for on-site teaching.

AUTO Courses (Automotive Service Technology)

AUTO 1134 Suspension and Steering
4 credits: 3 hours lecture, 3 hours shop

Theory and operation of modern suspension and steering systems. Up-to-date alignment equipment and techniques are utilized in lab experiences. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1214 Engine Repair
4 credits: 3 hours lecture, 3 hours shop

Introduction to automotive engine construction and theory of operation for all engine systems and components including disassembly, inspection, repair, and reassembly procedures. The use of hand tools, equipment, and repair manuals are covered. Actual vehicles are utilized for training experience. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1224 Electrical/Electronic Systems
4 credits: 3 hours lecture, 3 hours shop

Introduction to the principles of Ohms Law, basic electrical circuits, wiring diagrams, use of precision testing equipment, and analysis of opens, shorts, and grounds. Students are familiarized with the principles of the cranking, charging, lighting, and electrical accessories systems. Components and functions of electronic control systems, principles of electricity, component operation, circuit design, and testing procedures are taught. Lab projects include testing, diagnosis, and repair of actual vehicles. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1237 Engine Performance
7 credits: 3 hours lecture, 12 hours shop

Theory and operation of the ignition system including service, fuel system, and carburetors. Basic troubleshooting, testing procedures, and the use of vehicle service manuals are covered. Includes theory and operation of fuel injection, computerized engine controls, and emission control systems. Instruction in the use of diagnostic flow charts with major emphasis on drivability and emissions. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1244 Automotive Transmission and Transaxles
4 credits: 3 hours lecture, 3 hour shop

Design and operation of the hydraulic controls and valves, design and operation of the torque converter, and planetary gear sets. Both rear-wheel and front-wheel power trains are studied. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1253 Heating and Air Conditioning
3 credits: 2 hours lecture, 3 hour shop

Theory of refrigeration, the refrigeration cycle, and basic components of a typical automotive system, automatic temperature control systems including the latest computer monitored systems. Heating and ventilation function and construction of compressors, lines, expansion valves, expansion tubes, condensers, evaporators, blower motors and air distribution systems are covered. Service and maintenance procedures as well as basic shop safety are emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1264 Brakes
4 credits: 3 hours lecture, 3 hours shop

Principles of hydraulic brake system, its components, safety switches and valves, drum and disc brake assemblies, and power master hydraulic booster. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1273 Manual Drive Train and Axles
3 credits: 2 hours lecture, 3 hours shop

Principles of gear reduction applied to theory, operation and repair of manual transmissions, rear axles, and transaxles. Both rear-wheel and front-wheel power trains are studied. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

AUTO 1403 Internship (optional course)
3 credits: 9 hours internship

Internship provides students necessary time and use of equipment to apply operational skills learned in the theory classes. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BIOL Courses (Biology)

BIOL 1063 Introduction to Biological Science
A.C.T.S. Equivalent Course # BIOL 1004 when combined with BIOL 1071 Introduction to Biological Sciences Lab
3 credits: 3 hours lecture
Corequisite: ENGL 1013
Basic concepts of biology: cell and molecular biology, genetics, evolution, and ecology and the relevance of these topics to current events and issues. Designed for the non-science major.

BIOL 1071 Biological Science / Principles of Biology I Lab
A.C.T.S. Equivalent Course # BIOL 1004 when combined with BIOL 1063 Introduction to Biological Sciences or BIOL 2053 Principles of Biology I
1 credit: 2 hours lab
Corequisite: BIOL 1063 or BIOL 2053
Basic studies of plants and animals, cells, biochemistry, metabolism, and inheritance, designed to illustrate and complement concepts discussed in BIOL 1063 or BIOL 2053. Designed for the non-science majors and majors biology students.

BIOL 1103 Medical Terminology
3 Credits: 3 hours lecture
A study of the language of medicine including word construction, definition, and use of terms related to all areas of medical science, focusing on the human body system.

BIOL 2053 Principles of Biology I
3 credits: 3 hours lecture
Prerequisites: ACT composite of 22 or BIOL 1063 with a grade of "C" or above
The chemical basis of life, cell structure and function, metabolism, and genetics. Designed for biology and other life science majors or minors.

BIOL 2083 Principles of Biology II
A.C.T.S. Equivalent Course # BIOL 1014 when combined with BIOL 2091 Principles of Biology II Lab
3 credits: 3 hours lecture
Prerequisites: BIOL 2053 and BIOL 1071, each with a grade of "C" or above
Evolution, diversity, and ecology of organisms. Designed for biology and other life science majors or minors.

BIOL 2091 Principles of Biology II Lab
A.C.T.S. Equivalent Course # BIOL 1014 when combined with BIOL 2083 Principles of Biology II
1 credit: 2 hours lab
Corequisite: BIOL 2083
Laboratory exercises and demonstrations on animal and plant diversity, as well as structure, function, and behavior of these organisms. Designed for biology and other life science majors or minors.

BIOL 2143 General Botany
A.C.T.S. Equivalent Course # BIOL 1034 when combined with BIOL 2071 General Botany Lab
3 credits: 3 hours lecture
Corequisite: ENGL 1013, BIOL 1063 or BIOL 2083 recommended
Structure, physiology, and phylogeny of plants, fungi, and plant-like protista.

BIOL 2153 General Zoology
A.C.T.S. Equivalent Course # BIOL 1054 when combined with BIOL 2161 General Zoology Lab
3 credits: 3 hours lecture
Corequisite: ENGL 1013, BIOL 1063 or BIOL 2083 recommended
Animal kingdom: classification, phylogenetic relationships, morphology, function, and life histories of animals.

BIOL 2161 General Zoology Laboratory
A.C.T.S. Equivalent Course # BIOL 1054 when combined with BIOL 2153 General Zoology
1 credit: 3 hours laboratory
Corequisite: BIOL 2153
Study and dissection of representative animals, emphasizing morphology, phylogeny, and life histories.

BIOL 2171 General Botany Laboratory
A.C.T.S. Equivalent Course # BIOL 1034 when combined with BIOL 2143 General Botany
1 Credit: 3 hours laboratory
Corequisite: BIOL 2143
Morphological survey of plants, fungi, and plant-like protista, including the anatomy of seed plants.

BIOL 2233 Anatomy and Physiology I
A.C.T.S. Equivalent Course # BIOL 2404 when combined with BIOL 2291 Anatomy and Physiology I Lab
3 credits: 3 hours lecture
Co-requisites: ENGL 1013, ACT Composite of 22 or grade of C in BIOL 1063
A basic course in anatomy and physiology with emphasis on structure and function of cells, tissues, organs and systems in the human body.

BIOL 2243 Anatomy and Physiology II
A.C.T.S. Equivalent Course # BIOL 2414 when combined with BIOL 2301 Anatomy and Physiology II Lab
3 credits: 3 hours lecture
Prerequisite: BIOL 2233
A continuation of the basic course in anatomy and physiology with emphasis on structure and function of cells, tissues, organs and systems in the human body.

BIOL 2291 Anatomy and Physiology I Lab
A.C.T.S. Equivalent Course # BIOL 2404 when combined with BIOL 2233 Anatomy and Physiology I
1 credit: 3 hours lab
Co-requisites: BIOL 2233
Structure and function of cells, tissues, organs and systems in the human body.

BIOL 2301 Anatomy and Physiology II Lab
A.C.T.S. Equivalent Course # BIOL 2414 when combined with BIOL 2243 Anatomy and Physiology II
1 credit: 3 hours lab
Co-requisites BIOL 2243
Structure and function of cells, tissues, organs and systems in the human body.

BIOL 3013 Plants in Our World
3 credits: 3 hours lecture
Prerequisites: BIOL 2043, BIOL 2071
Survey of plants of our world that relate to economic botany and ethnobotany.

BIOL 3223 Biological Statistics
3 credits: 3 hours lecture
Prerequisites: MATH 1043 or higher mathematics and 12 hours of BIOL coursework.
An introduction to the basic concepts of biostatistics including a survey of data, data types, describing central tendency and variability in data, inference on population means and proportions, hypothesis testing, power and sample size in study designs, and study types with a focus on health science experimental design.

BIOL 3331 Molecular Biology Lab
1 credit: 3 hours lab
Prerequisite: BIOL 3354 and Co-requisite: BIOL 3333
Designed to familiarize students with laboratory techniques applicable to modern biology and associated disciplines including the analysis of nucleic acids and proteins.

BIOL 3333 Molecular Biology
3 credits: 3 hours lecture
Prerequisites: BIOL 3354
Study of genes and their activities at the molecular level with an emphasis on applications useful in the analysis of genomes and treatment of genetic diseases.

BIOL 3354 Genetics
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2083 and BIOL 2091; CHEM 1113 and CHEM 1131
Principal laws of heredity, including Mendelian, molecular, and cytogenetics. Offered: Fall.

BIOL 3363 Cell Biology
3 credits: 3 hours lecture
Prerequisites: BIOL 3354 and CHEM 1113
Introduction to the structure and physiology of cells with an emphasis on molecular biology. A core course for biology majors.

BIOL 3384 Herpetology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Taxonomy and natural history of amphibians, reptiles, crocodilians, and turtles, emphasizing local fauna. Offered: Spring, odd-numbered years.

BIOL 3394 Ichthyology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Taxonomy and biology of fishes, emphasizing local fauna.

BIOL 3413 Mammalogy
3 credits: 3 hours lecture
Prerequisites: BIOL 2153 and BIOL 2161
Taxonomy, morphology, physiology, behavior, ecology and conservation of mammals; emphasizing mammals that occur in the central and southeastern United States. Offered: Fall, odd-numbered years.

BIOL 3423 Plant Morphology
3 credits: 1 hour lecture, 6 hours laboratory
Prerequisite: BIOL 2143 and BIOL 2171
Structure, reproduction, and life histories of the vascular plants: ferns and fern allies, gymnosperms, and flowering plants.

BIOL 3434 Regional Flora
4 credits: 2 hours lecture, 6 hours laboratory
Prerequisite: BIOL 2143 and BIOL 2171
Identification and classification of the vascular plants of the southeastern United States, emphasizing flowering plants.

BIOL 3451 Mammalogy Lab
1 credit: 3 hours Laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Corequisite: BIOL/WLF 3413
Taxonomy and natural history of mammals, emphasizing Arkansas fauna. Offered: Fall, odd-numbered years.

BIOL 3474 General Entomology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 1063 or higher level BIOL course
Introduction to entomology and insect diversity with emphasis on insect anatomy, physiology, development, ecology, behavior, and pest management. Students will learn the orders of insects, their role in ecosystems, their impact on humans and companion animals, and how they contribute and/or compete with us for food and fiber.

BIOL 3484 General Ecology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2142, BIOL 2153, BIOL 2161, and BIOL 2171
Principles of ecology; study of environments and their components, the flow of energy and materials, ecological succession, pollution, and radiation ecology.

BIOL 3493 Environmental Science (same as ESCI 3493)
3 credits: 3 hours lecture
Prerequisite: 3 hours of biology or earth science
A survey of the environment to provide an understanding of and respect for the ecosystems upon which the human species is dependent. Offered: Fall, even-numbered years.

BIOL 3503 Marine Biology
3 credits: 3 hours lecture
Prerequisites: BIOL 2153 and BIOL 2161
Study of the structure and function of the marine environment with emphasis on the fauna and ecology of the Gulf of Mexico. Optional field trip to the Gulf of Mexico.

BIOL 3511 Marine Biology Laboratory
1 credit: 2 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Study of the structure and function of the marine environment with emphasis on the identification of some of the common organisms of the Gulf of Mexico. Optional field trip to the Gulf of Mexico.

BIOL 3524 Ornithology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Taxonomy and natural history of birds, emphasizing the local fauna. Offered: Spring, even-numbered years.

BIOL 3553 Microbiology
3 credits: 3 hours lecture
Prerequisites: six hours of chemistry and three hours of biology; or BIOL 2243/2301 and three additional hours of BIOL
The biology of microorganisms including bacteria, viruses, fungi, and protozoans, with emphasis given to their importance in health and disease.

BIOL 3561 Microbiology Lab
1 credit: 3 hours laboratory
Corequisite: BIOL 3553
A laboratory course designed to supplement the basic lecture course in microbiology with experimentation and demonstration.

BIOL 3574 Comparative Anatomy
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Structure, development, function, and evolution of organs and organ systems in the different vertebrate groups with emphasis on basic principles. Offered: Fall.

BIOL 358V Natural History (same as ESCI 358V)
Variable credit
Prerequisite: 3 hours biology or 3 hours earth science
NOTE: May be taken for a maximum of 3 hours credit.
A field course in earth science and biology of natural ecosystems, consisting of travel, study and/or research in unique natural areas of North America.

BIOL 3594 Invertebrate Zoology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Classification, phylogenetic relationships, morphology, function, and life histories of invertebrates, emphasizing marine invertebrates and the economic importance of all invertebrate groups.

BIOL 3763 Evolution
3 credits: 3 hours lecture
Prerequisite: BIOL 2083
Study of evolutionary theory and processes, including selection, adaptation, and speciation. The course also explores classification of organisms and scientific nomenclature.

BIOL 3801 Mammalian Anatomy Laboratory
1 credit: 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
Basic mammalian anatomy, with emphasis on the human skeleton and cat organ systems.

BIOL 4013 Immunology
3 credits: 3 hours lecture
Prerequisites: BIOL 1083, BIOL 1091, CHEM 1113, CHEM 1131 and BIOL 3553. BIOL 3663 recommended but not required.
Overview of the principles of immunology, including immune system development, cells and organs, innate immunity, adaptive immunity, genetics of lymphocyte receptor gene expression, humoral immunity, cell mediated immunity, allergic reactions, transplantations, and autoimmunity

BIOL 4594 Waterfowl Ecology
4 credits: 3 hours lecture, 3 hours lab
Prerequisites: BIOL 3484
Study of the natural history and taxonomy of waterfowl. Also focuses on ecological and political challenges facing waterfowl conservation across North America. Offered spring in odd numbered years.

BIOL 4624 Vertebrate Embryology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153, 2161 and BIOL 3574
Embryonic development of the chordates as applied to amphioxus, frog, chick, and pig.

BIOL 4634 Vertebrate Physiology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: Eight hours of biology and eight hours of chemistry or instructor's permission
Fundamental concepts of vertebrate physiology, emphasizing function, mechanism, and controls of the various vertebrate organ systems. Offered: Spring.

BIOL 4654 Epidemiology & Parasitology
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: BIOL 2153 and BIOL 3553
Introduction to applied epidemiology and principles of parasitology with emphasis on organisms that cause human morbidity and mortality. Examines the behavior, morphology, ecology, reproduction, and evolutionary relationships of parasites including important relationships among nearly all phyla of animals and their parasites.

BIOL 4664 Mammalian Histology
4 credits: 2 hours lecture, 6 hours laboratory
Prerequisites: BIOL 2153 and BIOL 2161
A morphological study and identification of mammalian tissues (human when available) and their organization within mammalian organs.

BIOL 4673 Pharmacology
3 credits: 3 hours lecture
Prerequisite: Junior or Senior standing and permission of both the instructor and the School Dean
Study of the response of living organisms to drugs.

BIOL 469V Senior Research
Variable credit
Prerequisites: 20 hours of biology, eight hours of chemistry, Senior standing, and approval of a project proposal by the School Dean
NOTE: Open only to biology majors and minors. May be repeated for a maximum of 6 hours of credit. Literature search and laboratory and/or field work on individual research projects.

BIOL 4724 Aquatic Biology
4 credits: 3 hours lecture and 3 hours of laboratory
Prerequisites: BIOL 2153, BIOL 2161, and six hours of chemistry
Chemical and biological studies of aquatic environments with emphasis on the geological and hydrological features of lakes and streams.

IOL 4734 Animal Behavior
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisite: BIOL 1063
Behavior of animals, focusing on evolutionary patterns and ecological significance. Topics include genetics of behavior, ethology, adaptation, fitness, reproductive tactics/mating systems, foraging, and social behavior.

BIOL 4741 Biology Seminar
1 credit: 1 hour lecture
Prerequisites: 20 hours of biology
A research course covering methods for writing papers and conducting public presentations on topics from the biological sciences.

BIOL 4753 Selected Topics in Biology
3 credits: 3 hours lecture
Prerequisites: Junior or Senior standing and permission of both the instructor and the School Dean
Selected topics in biology.]

BIOL 479V Independent Study in Biology
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

BUS Courses (Business, Technical)

BUS 1021 Tech Introduction to Keyboarding
1 credit: 2 hours lab
Provides fundamental instruction in the touch operation of the alphanumeric keyboard. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1033 Tech Principles of Banking
3 credits: 3 hours lecture
Assists the student in understanding the American banking system, Federal Reserve System, banking and the economy, functions of a depository institution, and daily transactions of depository institutions. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1043 Tech Bank Teller Operations
3 credits: 3 hours lecture
Provides students hands-on practice as a teller in the major operational activities of a community bank including teller and check operations, investment and loan operations, electronic payments systems, and other banking operations. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1073 Tech Introduction to Law
3 credits: 3 hours lecture
Includes basics of the legal system as well as spelling, defining, and pronouncing common legal terms. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1083 Tech Legal Transcription
3 credits: 3 hours lecture
Corequisites: BUS 1073, BUS 1641, CIS 2223
Skill development in dictation/transcription equipment and microcomputers to transcribe legal documents. Assists in development of necessary skills to transcribe dictation. Enhances learner's knowledge of legal terminology and use of English language and proofreading. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1123 Tech Accounting I
3 Credits: 3 hours lecture
Fundamental accounting concepts and procedures for sole proprietorships. Includes journalizing and posting transactions, preparing trial balances, worksheets, and financial statements. Emphasis given to cash, banking, payroll procedures, sales, purchases, and accounts receivables/payables. Simulated accounting activities offer decision-making opportunities encountered in the business world. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1203 Tech Keyboarding
3 Credits: 3 hours lecture
Tech Keyboarding provides training in the touch operation of the alphanumeric keyboard as well as skills necessary to process documents using word processing software. Microsoft Word for Windows is used to provide opportunity for development of basic skills through drills for speed and accuracy. Formatting of basic business documents is integral. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1213 Tech Keyboarding Applications
3 Credits: 3 hours lecture
Prerequisite: BUS 1203
Training in the refinement of the operation of alphanumeric keyboards. Production work includes letters, memos, reports, business forms, tables, and administrative and employment communications. Skill development through drills for speed and accuracy control continues as an integral part of the class. NOTE: This course builds production skills necessary to use software to operate computers with speed and accuracy. This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1303 Tech Computer Applications for Business
3 Credits: 3 hours lecture
Corequisite: BUS 1203 or permission of administration
Provides a working vocabulary of terms used by computer personnel and an introduction to business software applications. Microsoft Office for Windows applications are used. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1563 Tech Administrative Support Procedures

3 Credits: 3 hours lecture

Administrative practices and procedures used in a business office. Topics include personal development; interpersonal relations; mail handling; telecommunications and telephone usage; travel arrangements; receptionist duties; records management; decision making; organization concepts; skills and procedures; traditional and electronic information resources; time and stress management; team building, goal setting, professionalism, and human relation development enhancement. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1603 Tech Vocabulary Development

3 Credits: 3 hours lecture

Study of the origins and growth of the English vocabulary, word-formation, semantics, meaning shifts, regional vocabulary, nomenclature, and verbal proficiency. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1631 Tech Introduction to Internet and E-mail

1 credit: 1 hour lecture

Introduces fundamental Internet and e-mail concepts and procedures. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1641 Tech Introduction to Word Processing

1 credit: 1 hour lecture

Provides fundamental instruction in word processing applications. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1651 Tech Introduction to Spreadsheets

1 credit: 1 hour lecture

Provides fundamental instruction in spreadsheet applications. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1661 Tech Introduction to Presentations

1 credit: 1 hour lecture

Provides fundamental instruction in the utilization of computer software programs for presentation applications. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1671 Tech Introduction to Financial Software

1 credit: 1 hour lecture

Provides instruction to manage personal and business finances using financial software. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 1681 Tech Introduction to Computers

1 credit: 1 hour lecture

Introduces fundamental computer concepts and procedures. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2003 Tech Business English

3 Credits: 3 hours lecture

Introduction and review of the basics in punctuation, English grammar, spelling, and other mechanics needed in current business usage. Writing techniques for effective letters, memos, and reports. Analysis skills including appearance, clarity, dictionary usage, impact and proofreading techniques. Assignments completed using word processing software. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2013 Tech Business Communication

3 Credits: 3 hours lecture

Prerequisites: BUS 2003 and BUS 1203 or ENGL 1013 and BUS 1203

Covers the principles of effective oral and written communications in a business office with emphasis on fluency, coherence, and accuracy. Topics include verbal/nonverbal, writing, reading, and listening skills, team assignments and participation, as well as psychological principles, information analysis for letter writing and revision, and employment skills involved in effective business communications including correct letter writing procedures for business situations. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2023 Tech Introduction to Marketing

3 credits: 3 hours lecture

Marketing is a crucial function in all businesses and organizations and is becoming increasingly important to success in the modern global economy. This course, regardless of industry background, will teach core concepts and tools to better understand and excel in marketing. Key topics include market research and its importance to strategy, brandy strategy, pricing, integrated marketing communication, social media strategy, and more. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2033 Tech Electronic Presentations
3 credits: 3 hours lecture

Provides fundamental instruction in the utilization of computer software programs for presentation applications, including web page, social media, and other technology.
Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2043 MS Office Preparation and Certification
3 credits: 3 hours lecture

Provides an opportunity for students to review and prepare for MS Office Certifications. Note: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2143 Tech Business Mathematics
3 credits: 3 hours lecture

Provides training in the fundamentals of math, problem solving in business situations, and financial management including percentages, payroll and taxes, insurance, statistics, functions, and graphs. Course also covers inventory methods, depreciation, discounts, interest, sales markup, discounts, and algebraic principles to solve business problems. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

BUS 2153 Tech Computerized Accounting
3 Credits: 3 hours lecture

Prerequisite: BUS 1123
Sole proprietorship through corporate accounting systems covering all aspects of accounting. Double entry accounting is used. Production of financial statements is stressed. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2163 Tech Spreadsheet Applications
3 Credits: 3 hours lecture

Prerequisites: BUS 1203 and BUS 1303 or CIS 2223
Provides opportunities for practical experience in developing spreadsheets. Activities include creating templates and financial models for entering and processing data. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2173 Tech Data Entry
3 Credits: 3 hours lecture

Prerequisites: BUS 1203 and BUS 1303 or CIS 2223
Introduces procedures and techniques most commonly used in recording data in machine-readable format. Emphasis given to data entry proficiency for a variety of business applications. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2613 Tech Small Business Management
3 Credits: 3 hours lecture

Study of basic economics of small business ownership and management. Information necessary to start and manage a small business. Topics include selecting, organizing, planning, raising capital, recordkeeping, law, insurance, advertising, personnel management, technology, and future trends. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

BUS 2623 Tech Business Practicum
3 Credits

Prerequisite: Successful completion of all AOT courses or completion of AOT courses and concurrently enrolled in BUS 2163.
Provides on-the-job training designed to prepare students for employment as data entry and/or word processing operators, accounting clerks, receptionists, administrative assistants, executive secretaries, or management personnel. Course provides students with opportunities in the workforce environment to apply and enhance the knowledge and skills obtained in the Administrative Office Technology Program. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CDL Courses (Commercial Driver's License)

CDL 1013 Servicing Road Tractors and Trailers
3 credit hours: 2 hours lecture, 3 hours lab

This course provides an introduction to and familiarization with components and systems related to tractor trailer service. Emphasis on records required by the Department of Transportation. Any student holding a current Commercial Driver's License (CDL) will receive credit for the CDL courses upon completion of the program.

CDL 1024 Tractor/Trailer Operation
4 credit hours: 2 hours lecture, 6 hours lab
This course focuses on the operation of a tractor and trailer in and around the freight terminal with basic yard maneuvering skills such as straight up and back parking, right-hand turns, alley docking and tractor trailer coupling. Classroom instruction focuses on safety, rules and policies of proper truck driving. Legal aspects of tractor and trailer operation including Department of Transportation (DOT) requirements, log books and record keeping are covered in this course.
Any student holding a current Commercial Driver's License (CDL) will receive credit for the CDL courses upon completion of the program.

CDL 1033 Tractor and Trailer Operation Practicum/Internship
3 credit hours: 9 hours Practicum/Internship
This course allows students to acquire tractor/trailer operation skills via practicum or internship agreements. Any student holding a current Commercial Driver's License (CDL) will receive credit for the CDL courses upon completion of the program.

CFA Courses (Computer Fundamentals)

CFA 1103 Tech Computer Fundamentals
3 credits: 3 hours lecture
Introduction to computer terminology, hardware, software, procedures, keyboarding, operating systems, and applications as applied to current operating systems, word processing, spreadsheets, database concepts, desktop publishing, and presentation software. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CHEM Courses (Chemistry)

CHEM 1023 Introductory Chemistry
A.C.T.S. Equivalent Course # CHEM 1004 when combined with CHEM 1031 Introductory Chemistry Lab
3 credits: 3 hours lecture
Corequisites: ENGL 1013 and MATH 183, or equivalent
Introduction to the structure of matter, its classification, and the physical, chemical, and nuclear changes it undergoes.

CHEM 1031 Introductory Chemistry Laboratory
A.C.T.S. Equivalent Course # CHEM 1004 when combined with CHEM 1023 Introductory Chemistry
1 credit: 2 hours laboratory
Corequisite: CHEM 1023
Basic studies in chemical experimentation including measurements, properties of elements and compounds, and reactions of matter.

CHEM 1103 General Chemistry I
A.C.T.S. Equivalent Course # CHEM 1404 when combined with CHEM 1121 General Chemistry I Laboratory
3 credits: 3 hours lecture
Corequisites: CHEM 1121, ENGL 1013 and MATH 1043
The study of measurement systems, significant figures, atomic and molecular structure, gas laws, thermochemistry, solutions, states of matter, chemical bonding, chemical reactions, and stoichiometry.

CHEM 1113 General Chemistry II
A.C.T.S. Equivalent Course # CHEM 1424 when combined with CHEM 1131 General Chemistry II Laboratory
3 credits: 3 hours lecture
Prerequisites: CHEM 1103 and CHEM 1121
Corequisite: CHEM 1131
The study of kinetics, equilibrium, thermodynamics, electrochemistry, oxidation-reduction, acid-base chemistry, nuclear chemistry, and selected descriptive chemistry. An ACS standardized exam will be given as the final exam.

CHEM 1121 General Chemistry I Laboratory
A.C.T.S. Equivalent Course # CHEM 1404 when combined with CHEM 1103 General Chemistry I
1 credit: 3 hours laboratory
Corequisite: CHEM 1103
Experimentation and theory in the areas of measurement systems, chemical analysis, chemical reactions, stoichiometry, thermochemistry, and molecular structure.

CHEM 1131 General Chemistry II Laboratory
A.C.T.S. Equivalent Course # CHEM 1424 when combined with CHEM 1113 General Chemistry II
1 credit: 3 hours laboratory
Corequisite: CHEM 1113
Experimentation and theory in the areas of qualitative analysis, oxidation-reduction, equilibrium, acid-base chemistry, and thermodynamics.

CHEM 2203 Introduction to Organic and Biochemistry
A.C.T.S. Equivalent Course # CHEM 1224 when combined with CHEM 2211 Introduction to Organic and Biochemistry Laboratory
3 credits: 3 hours lecture
Prerequisite: CHEM 1023 or CHEM 1103
Chemical substances from which life is formed. Designed for those who desire a general overview of organic and biochemistry.

CHEM 2211 Introduction to Organic and Biochemistry Laboratory
A.C.T.S. Equivalent Course # CHEM 1224 when combined with CHEM 2203 Introduction to Organic and Biochemistry
1 credit: 3 hours laboratory
Corequisite: CHEM 2203 or passing grade from CHEM 2203
Experimentation and theory related to the basic concepts in organic and biochemistry. Topics include: study of physical and chemical properties, separation, purification, identification, chemical reactivity, and synthesis of organic compounds.

CHEM 3013 Forensic Chemistry
3 credits: 3 hours lecture
Prerequisites: 6 hours of chemistry
Introduction to key forensic concepts, as well as methodology and statistical methods, with emphasis on drug analysis and chemical analysis.

CHEM 3314 Quantitative Analysis
4 credits: 2 hours lecture, 6 hours laboratory
Prerequisites: CHEM 1113 and CHEM 1131, MATH 1043 or MATH 1175
Analytical chemistry with emphasis on the principles and theories of gravimetric and volumetric analysis. Offered: Fall.

CHEM 3404 Organic Chemistry I
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: CHEM 1113 and CHEM 1131
A study of carbon compounds, including an introduction to organic nomenclature, reactions, reaction mechanisms, organic synthesis, and structural and stereochemical problems. Offered: Fall.

CHEM 3414 Organic Chemistry II
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisite: CHEM 3404
A continuation of Organic Chemistry I (3404). A study of organic nomenclature, reactions, reaction mechanisms, organic spectroscopy, and greater emphasis on organic synthesis. An ACS standardized exam will be given as the final exam. Offered: Spring.

CHEM 3424 Elements of Physical Chemistry
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: MATH 2255 and a minimum twelve hours CHEM courses
Fundamental concepts of physical chemistry primarily for Biochemistry Option Chemistry majors and pre-professional students. Concepts will be presented utilizing basic calculus with applications to life processes and biochemistry. This course will not fulfill the Physical Chemistry requirements for the traditional Chemistry degree. Offered: Spring.

CHEM 3444 Instrumental Analysis
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: CHEM 3314 and PHYS 2203 or PHYS 2213
Theoretical and practical application of instrumental methods to chemical analysis.

CHEM 3454 Organic Analysis
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisite: CHEM 3414
Systematic separation and identification of organic compounds with emphasis on molecular structure. Use and theory of spectrometric methods and other physical techniques.

CHEM 4503 Special Topics in Chemistry
3 credits: 3 hours lecture
Prerequisites: Completion of at least sixteen hours of chemistry and permission of both the instructor and the School Dean
Selected topics in chemistry chosen by the instructor will be presented. The purpose of this course is to provide the students with specialized training in a specific area of chemistry not covered in other chemistry courses. May be repeated for a maximum of 9 hours.

CHEM 4511 Special Topics in Chemistry Laboratory
1 credit: 3 hours laboratory
Prerequisites: Completion of at least sixteen hours of chemistry and permission of both the instructor and the School Dean
Selected topics in chemistry chosen by the instructor will be presented. The purpose of this course is to provide the students with specialized training in a specific area of chemistry not covered in other chemistry courses. May be repeated for a maximum of 3 hours.

CHEM 4603 Structure and Mechanism
3 credits: 3 hours lecture
Prerequisite: CHEM 3404
Structural considerations of organic chemistry including stereochemistry, electronic theory, and mechanisms.

CHEM 4611 Chemistry Seminar
1 credit: 1 hour lecture
Prerequisites: Completion of at least 24 hours of chemistry with a G.P.A. in chemistry of at least 3.00 and instructor's permission
Students give oral presentations on different topics each semester based on laboratory and/or library research. The course may be repeated for a maximum of 2 credit hours.

CHEM 4623 Advanced Inorganic Chemistry
3 credits: 3 hours lecture
Prerequisites: twelve hours of chemistry
Nuclear chemistry, theories of chemical bonding, acid-base definitions, coordination compounds, or organometallic chemistry, and selected descriptive chemistry. Offered: Fall, even-numbered years.

CHEM 4633 Biochemistry I
3 credits: 3 hours lecture
Prerequisite: CHEM 3414
Introduction to the chemical aspects of living systems: organization and production of cellular macromolecules, production and utilization of energy by the cell, major metabolic pathways and biochemical control mechanisms. Offered: Fall.

CHEM 4643 Biochemistry II
3 credits: 3 hours lecture
Prerequisite: CHEM 4633
Continuation of studies of chemical aspects of living systems: organization and production of cellular macromolecules, production and utilization of energy by the cell, major metabolic pathways and biochemical control mechanisms. Offered: Spring.

CHEM 469V Senior Research
Variable credit
Prerequisites: Junior or Senior standing and approval of a project proposal by the School Dean
NOTE: Open only to chemistry majors. May be repeated for a maximum of 6 hours of credits.
Literature search and laboratory work on individual research problems.

CHEM 4704 Physical Chemistry: Thermodynamics
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: MATH 3495, PHYS 2323 and PHYS 2241, and twelve hours of chemistry
Corequisite: MATH 3525
Principles of theoretical chemistry and their mathematical interpretations, emphasizing thermodynamics. Offered: Spring, odd-numbered years.

CHEM 4714 Physical Chemistry: Kinetic and Quantum Mechanics
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: MATH 3495, PHYS 2323 and PHYS 2241, and twelve hours of chemistry
Corequisite: MATH 3525
NOTE: May be taken prior to CHEM 4704.
Principles of theoretical chemistry and their mathematical interpretations, emphasizing kinetics and quantum chemistry. Offered: Spring, even-numbered years.

CHEM 4731 Biochemistry Laboratory
1 credit: 3 hours laboratory
Co/Prerequisite: CHEM 4633
A laboratory course in modern biochemical techniques investigating proteins, nucleic acids, carbohydrates, and lipids.

CHEM 4742 Advanced Laboratory Techniques
2 Credits: 1 hour lecture, 3 hours laboratory
Prerequisite: 11 hours of 3000-4000 level chemistry and instructor's permission
Laboratory techniques including chemical separations, structure determination, reactions in air-free conditions, molecular modeling, use of specialized chemical instrumentation, and use of chemical literature.

CHEM 479V Independent Study in Chemistry
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

CHM Courses (Chemistry, Technical)

CHM 2104 Tech Principles of Chemistry
4 credits
Prerequisite: MAT 2213 or higher level mathematics
Lecture-laboratory survey of basic concepts of inorganic and organic chemistry including the language of chemistry, chemical formulas, properties of chemical substances, chemical bonding, chemical reactions, and equations. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CIS Courses (Computer Information Systems)

CIS 1013 Introduction to Computer Based Systems
3 credits: 3 hours lecture
An overview to the field of computer systems, languages, hardware, and the Internet. Introduction to the use of microcomputer operating systems, email, distance learning software, library utilization, and software packages. Offered: Fall, Spring, Summer.

CIS 1193 PC Hardware and Software Maintenance
3 credits: 3 hours lecture
An introduction to computer maintenance, emphasizing hardware and software management, system maintenance, and troubleshooting in the PC environment. Offered: Fall, Spring, Summer.

CIS 2203 Programming Logic and Design
3 credits: 3 hours lecture

Corequisite: Enrollment in General Education Mathematics
Emphasis on fundamental problem solving, programming logic, and algorithm specifications using various modeling tools; coding of algorithms applicable to high level programming languages. Offered: Fall, Spring, Summer.

CIS 2223 Microcomputer Applications
A.C.T.S. Equivalent Course # CPSI 1003
3 credits: 3 hours lecture

Corequisite: ENGL 1013 or ENGL 1033; and MATH 183 or higher-level mathematics
The study and use of microcomputer based applications software to increase business and personal productivity. Realistic computing problems will be solved using standard software packages. Offered: Fall, Spring, Summer.

CIS 3123 Linux Operating Systems
3 credits: 3 hours lecture

Prerequisite: CIS 2203
Students will learn systems administration and troubleshooting concepts that include account maintenance, operating system security, file system maintenance, usage monitoring, scripting, as well as how the operating system handles processing.

CIS 3473 Cyberlaw
3 credits: 3 hours lecture

Detailed study of cyberlaw dealing with the Internet's relationship to technological and electronic elements, with an emphasis on intellectual property law, cybercrimes, cyberterrorism, and information warfare using computer and computer network technology.

CIS 3623 Computer Forensics
3 credits: 3 hours lecture

An introduction to computer forensics and current technologies focusing on the analysis of the evidence contained on these devices.

CIS 3103 Advanced Microcomputer Applications
3 credits: 3 hours lecture

Prerequisite: CIS 2223 and Junior standing or instructor's permission
The advanced study, use, and integration of microcomputer based applications software to increase business and personal productivity. Offered: Fall, Spring, Summer.

CIS 3233 Business Database Management Systems
3 credits: 3 hours lecture

Prerequisites: General Education Mathematics and grade of "C" or above in CIS 2223
Essentials of database design, creation and manipulation for business and accounting applications using a microcomputer-based package. Emphasis on advanced queries, reports and macros. Offered: Fall.

CIS 3463 Programming Mobile Applications
3 credits: 3 hours lecture

Prerequisites: Junior-level programming class with a "C" or above; or instructor permission
Designed to build upon and enhance previously learned programming skills through the creation and deployment of fully-functional mobile applications.

CIS 3243 Introduction to Java Programming
3 credits: 3 hours lecture

Prerequisites: General Education Mathematics and grade of "C" or above in CIS 2203
Introductory study of the Java Programming language, emphasizing assigned readings, individual research and hands-on programming of Object Oriented programs using Java classes and Swing components. Offered: Spring.

CIS 3423 COBOL
3 credits: 3 hours lecture

Prerequisites: General Education Mathematics and grade of "C" or above in CIS 2203
Techniques essential to problem solving with the COBOL programming language. Practical application with emphasis on structured approach. Offered: Fall, Spring.

CIS 3433 Introduction to C# Programming
3 credits: 3 hours lecture

Prerequisites: General Education Mathematics and grade of "C" or above in CIS 2203
Techniques essential to problem-solving with the C# programming language. Practical application with emphasis on structured approach. Offered: Fall.

CIS 3443 Object-Oriented Programming Languages
3 credits: 3 hours lecture

Prerequisite: General Education Mathematics and grade of "C" or above in CIS 2203
Provides the student with theory and application of information systems development utilizing object-oriented (OO) technology. Topics include: analysis, design, data modeling, database management systems, and programming. Offered: Fall, Spring, Summer.

CIS 3453 World Wide Web Programming
3 credits: 3 hours lecture

Prerequisite: Junior standing or Instructor's Permission
Techniques essential to the design and construction of World Wide Web documents using Web programming languages and Web construction applications. Offered: Fall, Spring.

CIS 3523 System Analysis and Design
3 credits: 3 hours lecture

Prerequisites: CIS 3423 or CIS 3443
Application of skills and concepts developed in basic data processing course work to more advanced topics involving design, implementation, evaluation, and documentation of management information systems. Offered: Fall, Spring.

CIS 3553 Advanced COBOL
3 credits: 3 hours lecture

Prerequisite: CIS 3423 with a grade of "C" or above
Emphasis on structured methodology of program design, development, testing, implementation, and documentation of business oriented applications. Includes coverage of sequential and random access files and processing techniques, and development of programs and systems of programs for batch and interactive environments using COBOL programming language. Offered: Fall, Spring.

CIS 370V Computer Information Systems Practicum
Variable credit

Prerequisite: Completion of twelve hours in Computer Information Systems or permission of School Dean
NOTE: May be repeated for a total of 6 hours credit with permission of School Dean
Introduction to research and specialized programming in computer information systems in the context of assisting with faculty research and programming projects.

CIS 4253 Cybersecurity
3 credits: 3 hours lecture

Prerequisite: Junior standing or instructor's permission
Detailed study of computer and network security, emphasizing practical hands-on exercises and projects to provide a basic understanding and proficiency in the use of network security tools and protocols.

CIS 4263 Ethics in Information Technology
3 credits: 3 hours lecture

Extensive and topical coverage of ethical issues associated with file sharing, infringement of intellectual property, security risks, Internet crime, identity theft, employee surveillance, privacy, and compliance. Offered: Spring.

CIS 4503 Data Communications and Networking
3 credits: 3 hours lecture

Prerequisite: CIS 3423 or CIS 3443
To provide a strong introduction to both communications and networking for the computer literate student, focusing on system software. Offered: Fall, Spring.

CIS 460V Internship in Computer Information Systems
Variable credit (1-3 hours)

Prerequisite: Advanced standing and permission of both the instructor and the School Dean
Practical experience in computer programming and database management. Students work in a business setting which allows for application of computer systems knowledge and development of information systems skills.

CIS 4623 Database Management Systems
3 credits: 3 hours lecture

Prerequisites: CIS 3553
Emphasis on file organization methods, file access methods, data structures for database processing and the process for database design and implementation. The study and use of Structured Query Language to develop database programs. Offered: Fall, Spring.

CIS 4634 Application Software Development Project
4 credits: 4 hours seminar

Prerequisites: CIS 3523 and CIS 4623
System simulation techniques; their application to business systems using an appropriate simulation language; systems design and development; extensive use of computers. Offered: Fall, Spring.

CIS 4723 Seminar in Computer Information Systems
3 credits: 3 hours lecture

NOTE: May be repeated for a total of nine hours credit with permission of the School Dean
Detailed study of one of the specialized areas of computer information systems, emphasizing assigned readings and individual research. Offered: Fall, Spring.

CIS 479V Independent Study in Computer Information Systems
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

CJ Courses (Criminal Justice)

CJ 1001 Criminal Justice Pathways
1 credit: 1 hour lecture
Understanding careers in CJ
CJ Majors only or permission of instructor.

CJ 1013 Introduction to Criminal Justice
A.C.T.S. Equivalent Course # CRJU 1023
3 credits: 3 hours lecture
A survey of the various components of the criminal justice system.

CJ 2113 Policing
3 credits: 3 hours lecture
The roles of police as they relate to modern culture and society.

CJ 2123 Corrections
3 credits: 3 hours lecture
Analysis of the roles and functions of corrections including institutions as well as community corrections.

CJ 2133 Criminal Justice Ethics
3 credits: 3 hours lecture
Examines the history and theory of ethics and its application to the field of criminal justice. Emphasis on the ethical standards and the implications of ethical violations for criminal justice professionals.

CJ 2143 Juvenile Justice
3 credits: 3 hours lecture
Structure and processes of the juvenile justice system.

CJ 2153 Research Methods (same as PSCI 2283)
3 credits: 3 hours lecture
Prerequisite: ENGL 1023
An overview of social science research methodology focusing on creating research designs, developing appropriate measures, creating testable hypotheses, and developing research skills.

CJ 2163 Multicultural Justice
3 credits: 3 hour Lecture.
Prerequisite CJ 1013
Provide students with knowledge and a demonstrable understanding of cultural diversity as it applies to the criminal justice system, and an a deep understanding of the unique issues faced by different cultures within the criminal justice system.

CJ 2293 Law and Society (same as PSCI 2293)
3 credits: 3 hours lecture
Prerequisites: PSCI 2213
Examines the courts, law, and the legal system including law and politics, judicial philosophy and biography.

CJ 3233 Criminal Law
3 credits: 3 hours lecture
Prerequisite: CJ 1013
Basic principles of substantive criminal law including defenses, elements of various crimes, and consideration of the Arkansas criminal code.

CJ 3243 Procedural Law (same as PSCI 3413)
3 credits: 3 hours lecture
Prerequisites: CJ 1013 and PSCI 2213
Analysis of procedural limitations on law enforcement and in the prosecution of crimes; emphasizes cases dealing with the fourth, fifth, sixth, and eighth amendments.

CJ 3263 Criminalistics
3 credits: 3 hours lecture
Prerequisite: CJ 1013 crime scene techniques.
Students will gain a basic knowledge of these techniques as well as practical experience with various types of evidence.

CJ 3273 Mental Health and Criminal Justice
3 credits: 3 hours lecture
Prerequisites: CJ 1013
Provides the skills and knowledge needed to interact professionally with individuals having mental health problems in various juvenile and criminal justice settings.

CJ 3283 Legal Research
3 credits: 3 hours lecture
Perquisite: ENGL 1023
A survey of basic methods of researching, analyzing, and writing about the law.

CJ 3293 Police Methods
3 credits: 3 hours lecture
Prerequisite: CJ 2113
Provides a survey of advanced topics in police practice and management including Community Oriented Policing (COP), Problem Oriented Policing (POP), and the use of technology in the suppression and detection of crime.

CJ 3313 Statistics (same as PSCI 3313)
3 credits: 3 hours lecture
Introduction to use and interpretation of statistics in the social sciences.

CJ 3353 Probation and Parole
3 credits: 3 hours lecture
Prerequisite: CJ 1013
Analysis of the systems of probation and parole, including current court cases and trends in corrections.

CJ 3613 Criminal Investigation and Evidence
3 credits: 3 hours lecture
Prerequisite: CJ 1013
Analysis of criminal investigation procedures; rules pertaining to collection and presentation of evidence.

CJ 374V Field Study in Criminal Justice (PSCI 374V)
3 credits: 3 hours lecture
Prerequisite: Instructor Permission
A field study consisting of travel, observation, and study of different legal and political institutions and agencies. May be repeated for a maximum total of 12 hours either in criminal justice exclusively or a maximum total of 12 hours combined with PSCI 374V.

CJ 4283 Domestic Violence (same as SWK 4383)
3 credits: 3 hours lecture
Prerequisites: CJ 1013 and Junior Standing
Examines aggression/violent behavior from a micro, mezzo, and macro level. Tendencies toward violent behavior are examined using a biological, social, environmental, and learning perspective. Theories of victimization and various treatment modalities are presented.

CJ 4293 Homeland Security
3 credits: 3 hours lecture
Prerequisites; CJ 1013
A survey of the various theoretical, political, and legal aspects of the field of Homeland Security in the United States.

CJ 4303 Evidence Law
3 credits: 3 hours lecture
Prerequisite: CJ 1013
Provides an examination of the problems of proof in criminal trials including coverage of the important rules of evidence and the impact of the Federal Rules of Evidence.

CJ 4313 Civil Liability in Criminal Justice
3 credits: 3 hours lecture
Prerequisite: CJ 1013
Provides an examination of the civil liability issues that affect criminal justice agencies and agents.

CJ 4373 Criminology (same as SOC 4373)
3 credits: 3 hours lecture
Prerequisites CJ 1013
Theories of the nature and causes of crime, and analyses of various kinds of crimes.

CJ 4383 Principles of Administration (same as PSCI 3433)
3 credits: 3 hours lecture
Prerequisites: CJ 1013 and PSCI 2213
Nature of bureaucratic organization and changing themes in organizational theory; fiscal and personnel policy; public unions and collective bargaining; leadership, communication, and motivation.

CJ 4393 Victimology
3 credits: 3 hours lecture
Prerequisites: CJ 1013 and Junior or Senior standing or instructor's permission
Examines the literature, research, and current trends concerning the victim and the criminal justice system. Emphasis on victim rights and compensation, measurement of victimization, and the impact of victimization on the individual.

CJ 440V Seminar in Criminal Justice
Variable Credit
Prerequisite: CJ 1013
Selected topics in the field of criminal justice with readings and class discussions. May be repeated for a maximum of 12 hours credit.

CJ 4413 Drugs in Society (same as SOC 4513)
3 credits: 3 hours lecture
Prerequisites: CJ 1013 and Junior or Senior standing, or instructor's permission
An overview of the drug problem in the U.S. including an analysis of both legal and illegal drugs commonly abused. Emphasis on the criminal justice system's response to the use, possession, and distribution of illicit drugs in our society.

CJ 4493 Civil Liberties and Civil Rights (same as PSCI 4493)
3 credits: 3 hours lecture
Prerequisite: CJ 2293 or PSCI 2293
Focuses on citizen's fundamental rights and how decisions made within the Federal Court system have affected those rights and liberties.

CJ 479V Independent Study in Criminal Justice
Variable Credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

CJ 489V Internship
Variable credit
Prerequisites: Instructor Permission and Senior Standing
Supervised learning experience in a criminal justice agency. May be repeated for a maximum of 6 hours of credit.

CJ 4903 Criminal Justice Capstone
3 credits: 3 hours lecture
Prerequisites: Permission of instructor/Senior Standing
A senior-level course designed to allow the student to review, analyze, and integrate the work he/she has completed toward a degree in Criminal Justice.

CLE Courses (Correctional Law Enforcement)

CLE 1032 Tech Correctional Health and Safety
2 credits: 1 hour lecture, 3 hours lab
Study in physical requirements, health issues, and safety concerns for officers in correctional facilities in Arkansas. Practice and assessment in physical requirements, drill and ceremony, weapons safety, driver safety, officer survivor techniques and substance abuse prevention/intervention will be covered. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CLE 1043 Tech Correctional Security and Control
3 credits: 2 hours lecture, 3 hours lab
Theory and hands-on practice in individual and institutional security and control measures utilized in correctional facilities in Arkansas. Instruction and practice in simulated settings will be utilized to provide students with skills such as emergency preparedness, count controls, panel exercises, preservation of internal crime scenes and others. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CLE 1053 Tech Correctional Enforcement in Arkansas
3 credits: 3 hours lecture
An in-depth study of the history, accreditation and methods of the correctional facilities in the United States and specifically Arkansas. Course introduces accreditation practices and procedures, and builds an understanding of the role the correctional officer plays in maintaining the security of the community. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CLE 2012 Tech Applied Ethics for Correctional Officers
2 credits: 2 hours lecture
Prerequisite: CJ 2133
Provides a general review of ethical terms, systems and dilemmas as presented in Criminal Justice Ethics. Includes policies, conduct standards and discipline procedures in correctional institutions. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CLE 2023 Tech Survey of Correctional Inmates and Offenders
3 credits: 3 hours lecture
Study in inmate profiles, policies and threats in correctional facilities in Arkansas. Focuses on various inmate profiles, rights and liabilities, and medical orientation. Presents cultural awareness, interpersonal skills, management for disturbed and segregated inmates and security threat groups. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

COM Courses (Tech Communication)

COM 1102 Employability Skills/Ethics
2 credits: 2 hours lecture
Focuses specifically upon interviews, resumes, applications, employment and workplace forms, and developing positive employability attitudes and skills that support finding, getting, and keeping a job. Covers work ethics that support and promote successful employment and career development. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

COM 1203 Tech Communication
3 credits: 3 hours lecture

Prepares students to meet the expectations of the workplace by introducing concepts in the areas of self-management, problem solving, communication, resume writing and interviewing skills. Students practice speaking, writing and listening techniques necessary in finding, applying for, and obtaining employment. NOTE: This course may be transferable toward a limited number or associate and baccalaureate degrees. Contact advisor for information regarding transferability.

COMM Courses (Communication)

COMM 1013 Voice and Diction
3 credits: 3 hours lecture

Articulation and pronunciation including an introduction to phonetics.

COMM 1023 Public Speaking
A.C.T.S. Equivalent Course # SPCH 1003
3 credits: 3 hours lecture

Principles of audience analysis, collection of materials, and outlining. Emphasis on careful preparation of speech and delivery. May not be taken for credit by students who have taken COMM 1043.

COMM 1043 Honors Speech Communication
3 credits: 3 hours lecture

Prerequisite: Minimum ACT composite score of 24 or permission of School Dean
Performance course emphasizing research and persuasion on a more sophisticated level than that in COMM 1023 NOTE: Fulfills General Education requirement for speech. May not be taken for credit by students who have taken COMM 1023.

COMM 2013 Modern Media Literacy
3 credits: 3 hours lecture

Prerequisite: ENGL 1023 or ENGL 1043
Consumer's guide to understanding media effects on daily life though study of the practices and importance of mass media, its form and operation as well as its role and influence in 21st century society through the examination of the Internet, newspapers, television, radio, film, books, public relations and advertising.

COMM 2023 Introduction to Electronic Communication
3 credits: 3 hours lecture

Provides a basic introduction to U.S. electronic media with a focus on the various historical, cultural, political, and economic contexts. By the end of this course student understand how to interpret media, media history, media theory, and the ways in which media may interact with–and influence–individual identity, culture, society, and politics.

COMM 2203 Interpersonal Communication
3 credits: 3 hours lecture

Promotes conceptual understanding of relevant theory and research with a combination of theory, skills practice, and competency evaluation.

COMM 2211 Journalism Lab
1 credit: 1 hour laboratory

Corequisite: COMM 2203
NOTE: This course may be repeated for a maximum of six credit hours
A performance lab allowing a student to work on any existing student publication approved by the instructor.

COMM 2243 Technical Theater Arts
3 credits: 3 hours lecture

Theory and practice of technical theater (set, stage properties, costumes, light, and make-up). Laboratory hours in addition to regular class meetings assigned by instructor.

COMM 2273 Argumentation and Debate
3 credits: 3 hours lecture

Prerequisite: COMM 1023
Principles of argumentation and place of debate in democratic government, analysis of propositions, proper use of evidence and reasoning, case construction, and persuasive speech.

COMM 2283 Business and Professional Speech
3 credits: 3 hours lecture

Oral communication needs of professional persons. Practice in the construction and delivery of various types of speeches and participation in group conferences, discussions, and interviews.

COMM 2293 Introduction to Communication Studies
3 credits: 3 hours lecture

Prerequisites: Completion of ENGL 1023 or ENGL 1043 and general education speech course or permission of School Dean
Prepares students for upper level courses in the speech discipline by introducing them to the specialized areas of study, general theories, and critical thinking skills necessary for advanced work.

COMM 3013 Newswriting
3 credits: 3 hours lecture

Prerequisite: COMM 3033
Advanced writing and reporting techniques for the journalist and/or public relations professional including sports writing, editorial writing, news features, and international reporting. NOTE: This course may be used as an elective in the speech communication curriculum.

COMM 3023 Introduction to Public Relations
3 credits: 3 hours lecture

Prerequisite: COMM 3033

Introduction to media campaigns, newsletter production, propaganda, public relations theory, and history. NOTE: This course may be used as an elective in the speech communication curriculum.

COMM 3033 Communication Writing
3 credits: 3 hours lecture

Perquisite: ENGL 1023 or ENGL 1043

Basic communication writing techniques and preparation of correspondence, reports, articles and resumes, including precision (grammar and spelling), accuracy (attribution and identification), and conciseness and AP style.

COMM 3043 Feature Writing
3 credits: 3 hours lecture

Prerequisite: COMM 3033

Analysis of the feature form; readings in the genre; writing for publication including news analyses, op-eds, profiles, and investigative reporting.

COMM 3053 Contemporary Media Issues
3 credits: 3 hours lecture

Pre-requisites: COMM 2013 Modern Media Literacy and COMM 2023 Introduction to Electronic Communication

Historical development and contemporary issues in media technologies, political economy, and programming. Effects of governmental, industrial, and public organizations on message production and content. Problem areas of contemporary media industries.

COMM 3063 New Media Theory and Practices
3 credits: 3 hours lecture

Pre-requisites: COMM 2013 Modern Media Literacy and COMM 2023 Introduction to Electronic Communication

Analysis of new media technologies and forms that are reshaping how we live, create, work, and even, what it means to be human. Through both reading and practice, this course seeks to understand the social, cultural, environmental, economic, and political impact(s) of new media in comparison to earlier, pre-digital media.

COMM 3073 Digital Media Production
3 credits: 3 hours lecture

Pre-requisites: COMM 2013 Modern Media Literacy and COMM 2023 Introduction to Electronic Media

This course is an introduction to the basic practices of electronic audio/video production. Students will receive hands-on experience with production equipment and software, as well as learn various principles of production theory.

COMM 340V Intercollegiate Debate/Forensics
Variable credit

Prerequisite: COMM 2273

One or two hours credit given to students participating in activities designed to enhance and test skills in competitive speaking and debate. Includes study and activities related to the directing of speech tournaments, festivals, and exhibitions. Students concurrently enrolled in COMM 2273 may enroll for only 1 hour credit.

COMM 3413 Intercultural Communication
3 credits: 3 hours lecture

Practical and theoretical approach to communication across cultures. Perceptions, language use, nonverbal style, thinking modes, and values will be explored. Emphasis will be placed on communicating with individuals and groups from cultures around the world as well as diverse cultures within the United States.

COMM 3453 Persuasion
3 credits: 3 hours lecture

The theory and practice of persuasion in rhetorical and behavioral contexts as a means of motivating human conduct.

COMM 3483 Communication in Small Groups
3 credits: 3 hours lecture

Practical and theoretical study of communication during decision making, conflict management, and interpersonal interaction in task-oriented work groups.

COMM 3513 Introduction to Oral Interpretation
3 credits: 3 hours lecture

Study and techniques of interpretative reading.

COMM 3523 Acting
3 credits: 3 hours lecture

Prerequisite: COMM 2243 or instructor's permission

A detailed study of character analysis, creation, and stage movement.

COMM 3533 Communication in Organizations
3 credits: 3 hours lecture

Theory and analysis of communication behaviors within the organization.

COMM 359V Communication Practicum
Variable credit
Prerequisites: COMM 2293 and nine additional hours in speech or permission of School Dean
NOTE: May be repeated for a total of 6 hours credit with permission of the School Dean
Introduction to research methods in communication in the context of assisting with faculty research. Limited to campus-based work supervised by a member of the faculty engaged in active research.

COMM 4013 Critical Media Theory
3 credits: 3 hours lecture
Pre-requisites: COMM 2013 Modern Media Literacy and COMM 2293 Intro to Communication Studies
This course examines the different traditions within media theory and maps the major theoretical traditions of the field including media effects theories, political economy and communication theories, critical race, gender, and sexuality theories, and theoretical approaches of textual analysis and audience analysis.

COMM 4033 News Editing
3 credits: 3 hours lecture
Prerequisites: COMM 2211, COMM 3013 and COMM 3033
General copy editing skills including editing for accuracy, fairness, grammar; general photo editing; designing and layout for publication; headline and caption writing; and developing news judgment.

COMM 4043 Modern Rhetoric
3 credits: 3 hours lecture
Prerequisites: ENGL 1023 OR ENGL 1043
Teaches mastery of modern rhetorical theory through an in-depth understanding of the nature and significance of rhetoric.

COMM 4053 Visual Rhetoric
3 credits: 3 hours lecture
Prerequisites: COMM 4043 or ENGL 3363
Designed to help students learn and apply technical and rhetorical elements of document design in different genres and media. Students will learn to plan, design, and produce information graphics and supporting materials for particular situations and audiences, including workplace audiences. Students come to better understand what shapes the visual media around us.

COMM 4063 Conflict Management and Resolution
3 credits: 3 hours lecture
Prerequisites: COMM 2203 or COMM 2283
Explores the nature of conflict and its impact on individuals and organizations. This course defines conflict, what causes it, how it develops, and how it affects organizations. Negotiation fundamentals, strategies, and remedies in various contexts are also addressed.

COMM 4243 Seminar in Journalism
3 credits: 3 hours lecture
Prerequisite: Nine hours of COMM coursework
Detailed study of one of the major areas of journalism, emphasizing assigned readings and individual research, Sample areas may include media management, the campaign, media ethics, etc.
NOTE: May be repeated for a total of 6 hours credit toward major.

COMM 425V Journalism Internship
Variable credit (maximum 6 hours)
Prerequisite: Advanced standing (minimum of twelve hours of JOUR coursework) and permission of instructor and the School Dean.

COMM 4623 Seminar in Communication
3 credits: 3 hours lecture
Prerequisites: COMM 2293 and nine additional hours in speech or permission of the School Dean
NOTE: May be repeated for a total of 12 hours credit with the School Dean's permission
Detailed study of one of the major areas of speech, emphasizing assigned readings and individual research resulting in a completed project or paper.

COMM 4633 Senior Capstone in Speech Communication
3 credits: 3 hours lecture
Prerequisites: COMM 2293, Senior standing, Speech Major
A semester-long assessment project where the senior speech communication student works with a mentor to prepare the graduation portfolio, work toward professional employment, and complete other activities, including service learning, during which a research paper/project is undertaken with the guidance of a faculty mentor leading to a presentation in a public forum with at least three (3) members of the speech faculty present.

COMM 4643 Directing
3 credits: 3 hours lecture
Prerequisite: COMM 2243
A detailed study of basic interpretation, casting, rehearsal procedures, and director-actor relationships in an analysis and creation of character.

COMM 4653 Theories of Human Communication
3 credits: 3 hours lecture

Origin and development of basic concepts in communication theory. Survey and analysis of communication theories and models used in quantitative and qualitative research. An applied research paper is required.

COMM 4663 Performance Studies
3 credits: 3 hours lecture

Prerequisite: COMM 3513

Cutting, arranging, and delivery of all literary forms and development of original character studies. Special emphasis on program building.

COMM 468V Communication Internship
Variable credit

Prerequisites: COMM 2293 and nine additional hours in speech or permission of School Dean

NOTE: May be taken for a total of 6 credit hours

Off-campus work placement in a setting where students apply both theoretical and practical knowledge of communication under the dual direction of a faculty member and a worksite supervisor. Contract required.

COMM 4703 ePortfolio Seminar
3 credits: 3 hours lecture

Prerequisites: 27 hours of courses in the COMM major

Students will identify the defining features of a portfolio, gain experience with the forms ePortfolios take across disciplines, and create as a class a heuristic for the ePortfolio assessment.

COMM 479V Independent Study in Communication
Variable credit

Prerequisites: COMM 2293 and nine additional hours in speech. See other restrictions under the Independent Study Courses of this catalog.

NOTE: May be taken for a total of 6 credit hours toward the major.

Independent research work that expands on any of the formal courses listed in the curriculum. Production of a formal research paper or project required.

COMM 4903 Seminar in Teaching Speech
3 credits: 3 hours lecture

Prerequisite: COMM 2293 and nine additional hours in speech

NOTE: Must be enrolled in education curriculum and have Senior standing to be eligible.

Evaluation and critique of micro classroom teaching, history of academic discipline, philosophical development, test design and evaluation, and materials for on-site teaching.

CS Courses (Computer Science)

CS 2213 Pascal Programming
3 credits: 3 hours lecture

Corequisite: MATH 1043 or MATH 1175

Pascal computer programming language. Emphasis on problem solving with examples from science, business, and mathematics.

CS 2253 FORTRAN Programming
3 credits: 3 hours lecture

Corequisite: MATH 1043 or MATH 1175

FORTRAN computer programming language. Emphasis on practical application and use of computer. Examples in business, mathematics, and science.

CS 3003 Python Programming
3 credits: 3 hours lecture

Prerequisite: MATH 1043 and CIS 2203

A study of computations in a scientific environment using PYTHON as the programming language.

CSC Courses (Cisco)

CSC 2034 Tech Cisco Exploration I
4 credits: 3 hours lecture; 3 hours lab

Provides opportunities to understand switching and intermediate routing including switching and Virtual Local Area Networks (VLANs), spanning-tree protocol, routed and routing protocols, access control lists (ACLs), network documentation, and troubleshooting. NOTE: This course may be transferable toward a limit number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CSC 2044 Tech Cisco Exploration II
4 credits: 3 hours lecture; 3 hours lab

Prerequisite: CSC 2034

Provides opportunities to understand WAN technology basics including WAN devices, encapsulation formats, Point-to-Point Protocol (PPP) components, session establishment, authentication, Integrated Services Digital Network (ISDN) uses, services, configuration, and frame relay technology. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CSC 2054 Tech Cisco Network Exploration III
4 credits: 3 hours lecture, 3 hours lab

Prerequisite: CSC 2044

Troubleshooting common network problems at Layers 1, 2, 3, and 7 using layered model approach; interpreting network diagrams; performing and verifying initial switch configuration tasks including remote access management; configuring, verifying and troubleshooting Virtual Local Area Networks (LVANs), inter VLAN routing, VLAN Trunk Protocol (VTP), trunking on Cisco switches and Rapid Spanning Tree Protocol (RSTP) operation. Managing Interneting Operating System (IOS) configuration files and identifying the basic parameters to configure a wireless network, and resolving common implementation issues. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

CSC 2064 Tech Cisco Network Exploration IV
4 credits: 3 hours lecture, 3 hours lab

Prerequisite: CSC 2054

Recognizing the impact of applications of Voice Over Internet Protocol (IP) and Video Over IP on a network; configuring, verifying and troubleshooting Dynamic Host Configuration Protocol (PHCP) and Domain Name Service (DNS) operation on a router; verifying, monitoring, and troubleshooting Access Control Lists (ACLs) in a network environment; configuring and verifying a basic Wide Area Network (WAN) serial connection, a Point to Point Protocol (PPP) connection between Cisco routers, and frame relay; configuring and verifying a PPP connection between Cisco routers; and troubleshooting WAN implementation issues. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

DEV Courses (Developmental First Year Seminar)

DEV 101 First Year Seminar
1 credit: 1 hour lecture

This course is designed to enhance academic skills and personal skill growth. Topics also include orientation to the University and career exploration. Required of any student with a "Conditional Prep" admission status. Course must be completed with a grade of "C" or higher, or the student will be required to re-enroll in the course until a grade of "C" or higher is achieved. NOTE: This course does not count toward general education, a major, minor, or elective requirements for any degree or certificate.

DEVT Courses (Developmental, Technical)

DEVT 101 Technical Orientation
1 credit: 1 hour lecture

Enrollment required based on the following entrance exam scores: 0-14 composite on ACT, 0-690 on SAT, 0-62 on COMPASS Reading Skills test, or 1-67 on ACCUPLACER Reading Test. A grade of "C" or better is required. Students will learn about campus policies, software, and other resources available. Topics also include basic college success skills. Note: This course does not count toward general education, major, minor, or elective requirements for any degree or certificate.

DTT Courses (Diesel Technology Training)

DTT 1012 Air Conditioning Systems
2 credit hours: 1 lecture hour, 3 lab hours.

This course covers the operational principles of air-conditioning systems and related components as applied to diesel equipment with emphasis on testing, maintenance and repair. Emphasis is also placed on safety and special tools.

DTT 1023 Brake Systems
3 credit hours: 2 lecture hours, 3 lab hours.

This course is a study of the different types and makeup of mechanic, air and hydraulic brake systems. Emphasis is placed on maintenance, repair, safety and special tools.

DTT 1034 Diesel Engines
4 credit hours: 3 lecture hours, 3 lab hours.

Basic fundamentals of internal combustion engines, different types of engine cylinder and valve arrangements, ignition, fuel, lubrication, air induction and cooling systems are examined in this course. Laboratory work includes disassembly and reassembly of engines and component parts with emphasis on diagnosis and repair and tractor operation. Proper use of tools and safety are emphasized.

DTT 1042 Diesel Fuel Injection Systems
2 credit hours: 1 lecture hour, 3 lab hours

A study of fuel injection systems and operational principles, including removal and replacement of pumps and injectors, timing and troubleshooting is the focus of this course. Safety and the use of special tools are emphasized.

DTT 1053 Diesel Fundamentals
3 credit hours: 3 hours lecture

A study of the theory of diesel engines such as Cummins, Detroit, Cat and Mack and related components, functions, engine design, measuring devices and tools is the focus of this course. Students gain knowledge in proper use of service manuals and parts and labor manuals and in developing work habits that promote general and overall safety. Content includes supervised diesel engine and related components, such as fuel pumps, oil coolers, air compressors and air conditioning and repair techniques.

DTT 1062 Electrical/Electronic Systems
2 credit hours: 1 lecture hour, 3 lab hours

This course teaches basic electricity, magnetism and circuitry as they pertain to diesel equipment. Course covers batteries, charging, starting and accessory circuits with emphasis on testing, maintenance and repair. Safety and special tools are emphasized.

DTT 1073 Power Trains
3 credit hours: 2 lecture hours, 3 lab hours

This course is a study of the different types of gears and their arrangements, clutches, transmissions (manual and fluid drive), transfer cases, differentials and final drives. Content includes removal, disassembly, inspection and repair in lab assignments. Emphasis is placed on safety and special tools.

ECED Courses (Early Childhood Education)

ECED 1043 Development and Curriculum in Early Childhood
3 credits: 3 hours lecture

Based on current research in child development focusing on planning and implementing curriculum with appropriate interactions and activities for young children including those with special needs.

ECED 1053 Environments in Early Childhood
3 credits: 3 hours lecture

Based on current research reflecting latest developments in health, safety, and nutrition with application on quality early childhood environments. State Minimum Licensing Regulations are presented.

ECED 1063 Foundations of Early Childhood Education
3 credits: 3 hours lecture

History of early childhood education, current research on how early experiences influence growth and development and what constitutes best practice and quality environments.

ECED 1071 Introduction to Practicum
1 credit: 1 hour lecture

Orientation to the field experiences, formal observation and documentation requirements for the national CDA credential.

ECED 1082 Practicum I
2 credits: 6 hours practicum

Practice skills and application of knowledge in a classroom setting with formal observations for the National CDA credential.

ECED 2103 Characteristics of Exceptionality
3 credits: 3 hours lecture

This course stresses the early identification and prevention of disabilities as well as the detection of at-risk and failure-to-thrive children by identifying characteristics of disabling situations that affect children at an early age. The importance of integrating these individuals, birth to age 8, with their non-disabled peers is explained and stressed.

ECED 2213 Child and Language Development
3 credits: 3 hours lecture

Designed to examine typical child development in physical, psychosocial, and cognitive domains with reference to the development of speech and language.

ECED 2223 Developing Critical Literacy Skills
3 credits: 3 hours lecture

Designed to improve candidates' understanding of interdisciplinary literacy skills with an emphasis on writing skills. Candidates will observe learners in field settings and will utilize technology through internet research and software analysis.

ECED 3303 Strategies for Teaching Special Students
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Attention is given to the development of fine and gross motor skills, communication, cognition, adaptive behavior and psycho-social development through the study of curriculum, instructional procedures, and materials needed/used in developing and implementing IEP's and IFSP's of children, birth through age 8.

ECED 3353 Early Childhood Education: Planning, Curriculum, and Programming
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Integrates curricular study of appropriate early childhood curriculum, materials, environments, assessments, expectations, instructional strategies, and considerations for early childhood education. Requires field experiences.

ECED 4333 Mathematics and Science for Young Children
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Knowledge and understanding content and pedagogy of mathematics and science for children birth through age eight, including formal and informal concept development.

ECED 4343 Literacy Acquisition and Development for Young Children
3 credit: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Knowledge, understanding and learning to communicate the developmental basis of literacy for children birth through age eight.

ECED 4363 Language Arts and Social Studies for Young Children
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Knowledge and understanding of content and pedagogy of language arts and social studies for children ages three through eight, including recognized standards for an integrated approach to language/literature and social studies.

ECED 4603 P-4 Early Childhood Clinical Internship I
3 credits: Clinical Practice

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Clinical practice provides opportunities for candidates to develop and demonstrate knowledge, skills, and dispositions.

ECED 463V P-4 Early Childhood Clinical Internship II
15 credits: Clinical Practice

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Clinical practice provides opportunities for candidates to develop and demonstrate knowledge, skills, and disposition.

ECON Courses (Economics)

ECON 1193 Personal Financial Economics
3 credits: 3 hours lecture

An introduction to the basic terminology, concepts, and practices of personal financial economics. The course will provide a foundation for financial literacy and personal financial health. Topics to be covered include budgeting, spending, saving, use of credit, and investing.

ECON 2113 Business Statistics I
A.C.T.S. Equivalent Course # GB 2103
3 credits: 3 hours lecture

Prerequisite: MATH 1003 or MATH 1043

Statistical theory and methodologies necessary for data collection, analysis, and interpretation. Statistical topics include descriptive statistics, sampling, and probability; normal, binomial, and Poisson distributions; interval estimation and hypothesis testing. Offered: Fall, Spring, Summer.

ECON 2203 Principles of Macroeconomics
A.C.T.S. Equivalent Course # ECON 2103
3 credits: 3 hours lecture

Corequisites: ENGL 1013 and MATH 0183 or higher-level mathematics

A study of economic principles at the macroeconomic level, including national output, the price level, unemployment, money and the banking system, and the government's effect on general business conditions. Offered: Fall, Spring, Summer.

ECON 2213 Principles of Microeconomics
A.C.T.S. Equivalent Course # ECON 2203
3 credits: 3 hours lecture

Corequisites: ENGL 1013 and MATH 0183 or higher-level mathematics

A study of economic principles at the microeconomic level, including markets, consumer behavior, and the theory of the firm: production and cost behavior, market structure, and cost and price determination. Offered: Fall, Spring, Summer.

ECON 3453 Money, Banking, and Credit
3 credits: 3 hours lecture

Prerequisites: ECON 2203 or ECON 2213

Monetary systems and banking structure, negotiable and credit instruments, Federal Reserve System, monetary policy. Offered: Spring.

ECON 479V Independent Study in Economics
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

EDUC Courses (Professional Education)

EDUC 1053 Praxis Core Preparation for Mathematics
3 credits: 3 hours lecture

Reviews basic skills of mathematics and test-taking skills required for success on the Praxis Core exam.

EDUC 1063 Praxis Core Preparation for Reading/Writing
3 credits: 3 hours lecture

Reviews basic skills of reading, writing, and test-taking skills required for success on the Praxis Core exam.

EDUC 1143 Education for Schools and Society
3 credits: 3 hours lecture

Provides a basic introduction to the teaching profession including the historical, legal, social, theoretical and philosophical aspects of public education. Topics include examining motivations to become a teacher, diversity of students, education legislation and the professional and ethical responsibilities of teachers.

EDUC 2233 Instructional Technology
3 credits: 3 hours lecture

Provides education candidates with technology-enhanced knowledge, strategies, and resources to support teaching and learning in the K-12 classroom. Education candidates will explore the potential instructional and learning affordances of varied technologies and the ways in which they might be used to promote communication and collaboration and to support authentic learning environments.

EDUC 2253 Needs of Diverse Learners in Inclusive Settings
3 credits: 3 hours lecture

Addresses the diverse characteristics and needs of learners including the impact of culture, language, gender, and environmental and societal influence on student development and learning. Characteristics as well as academic and social/emotional needs of students with exceptional learning needs including gifted and ELL will be studied as well as the impact of exceptionalities on individuals, families, and society across the life span.

EDUC 2263 Learning and Development
3 credits: 3 hours lecture

Prerequisite: Only Licensure K-6 and Middle Childhood Majors: EDUC 1143; EDUC 2233; EDUC 2253

Examines major concepts, principles, theories, and research related to development of children and young adolescents to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation.

EDUC 3013 K-6 Planning, Curriculum, and Programs
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Teacher Education

Prepares teacher candidates to plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, programs, curriculum, cross-disciplinary skills and pedagogy, as well as knowledge of learners including the gifted and ELL. The involvement of family, community and other stakeholders is emphasized in developing curricula and programs.

EDUC 3023 Scientific Concepts and Methods
3 credits: 3 hours lecture

Prerequisite: Admission to Teacher Education

Designed to study methods of science instruction, review current research and case studies, and to teach the design and implementation of age-appropriate inquiry science lessons to build student understanding of personal and social applications and to convey the nature of science.

EDUC 3203 Educational Psychology: Developing Learners
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Teacher Education

Designed to provide an understanding of: (1) child growth and development, (2) styles of learning, and (3) theories of learning and motivation. Candidates will observe in public schools. Offered: Fall, Spring.

EDUC 3403 Family and Community Relations
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Teacher Education

Prepares students to establish and maintain positive, collaborative relationships with families and to collaborate and consult with other professionals and with agencies in the larger community to support children's development, learning, and well-being.

EDUC 3563 Effective Instructional and Management Strategies
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Teacher Education Designed to improve candidates' understanding of: (1) classroom management techniques, (2) state standards and curriculum frameworks, (3) assessment techniques, and (4) the integrated curriculum. Candidates will observe in public school field settings and will utilize technology through desktop publishing and graphics. Offered: Fall, Spring.

EDUC 3573 Classroom Management
3 credits: 3 hours lecture

Prerequisite: Licensure K-6 and Middle Childhood Majors EDUC 1143; EDUC 2233; EDUC 2253

Promotes candidate understanding of how to create a positive school and classroom climate with appropriate discipline techniques. Study of personal discipline systems with theories, models, individual philosophies and personalities tailored to needs, traits, and social realities of diversity.

EDUC 3583 Assessment Techniques
3 credits: 3 hours lecture

Prerequisite: Only Licensure K-6 and Middle Childhood Majors: EDUC 1143; EDUC 2233; EDUC 2253

Addresses assessment techniques that are appropriate for birth through adolescence. Requires practice in evaluating standardized and informal published instruments as well as construction of teacher-made tests.

EDUC 4013 Teaching Social Studies
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Teacher Education

Materials, methods, and classroom procedures as they relate to teaching social studies in the K-6 elementary classroom. Candidates learn to effective plan, teach, modify and systematically reflect upon social studies instruction. Candidates learn to create a positive and supportive environment that meet the needs of diverse student populations and involves families and communities in student learning. Candidates will also learn to integrate instructional technology and to properly use formative and summative assessments to plan, assess and design instruction.

EDUC 4023 Teaching Mathematics
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Clinical Internship I

Materials, methods, and classroom procedures as they relate to teaching mathematics in the K-6 elementary classroom. Candidates learn to effectively plan, teach, modify and systematically reflect upon mathematics instruction.

EDUC 4123 Advanced Teaching Mathematics
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Clinical Internship I

Materials, methods, and classroom procedures as they relate to teaching mathematics in the K-6 elementary classroom. Candidates learn to effectively plan, teach, modify and systematically reflect upon mathematics instruction.

EDUC 4133 Advanced Assessment Techniques for Teachers
3 credits: 3 hours lecture

Prerequisite: Licensure Degrees Admission to Clinical Internship I

The course addresses assessment for learning, assessment of learning, users of assessment, purposes of assessment, bias, validity, reliability, assessment targets and methods, formal vs. informal assessment, curriculum based evaluation, and analyzing assessment to improve and differentiate instruction. The course will also address the use, construction, and interpretation of assessments that utilize the following methods: selected response, essay, performance, and personal communication.

EDUC 4303 Teaching and Learning in Early Childhood
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

Course includes the study of instructional strategies and methodology, review of current research and case studies, and observation and practice of teaching young children birth-8 years of age.

EDUC 4313 Teaching and Learning in Early Adolescence
3 credits: 3 hours lecture

Prerequisite: Junior standing with a minimum of 9 credit hours in Education or departmental consent

The study of pedagogy, strategies, and methodology related to effective teaching and learning in early adolescence. Includes review of current research and case studies as well as the application of knowledge and observation in appropriate settings.

EDUC 460V Clinical Internship I
3-6 credits: Clinical Practice

Prerequisite: Admission to Clinical Internship

The first semester of a two-semester clinical experience in a public school that consists of observing and teaching under the guidance of an experienced, licensed cooperating teacher and under the supervision of a School of Education UAM university supervisor.

EDUC 463V Clinical Internship II
15 credits: Clinical Internship

Prerequisites: Admission to Clinical Internship

The second semester of a two-semester clinical experience in a public school consisting of observing and teaching under the guidance of an experienced, licensed cooperating teacher and under the supervision of a School of Education UAM university supervisor.

EDUC 4613 Education Field Study
3 credits: 3 hours lecture

A field study consisting of travel, observation and study of diverse topics in the field of education. May be repeated for a maximum of 12 hours credit.

EIT Courses (Electromechanical Industrial Technology)

EIT 1112 Precision Maintenance
2 credits: 1 hour lecture; 3 hours lab

Prerequisites: MAT 2213, ELM 2084, and EIT 1122

Preventive, predictive, and precision maintenance skills, procedures, and methods of documentation for manufacturing and industrial environments. Analyzes the root cause of equipment breakdowns to avoid future breakdowns and loss of production time. Includes lubricating, cleaning, and adjusting parts; vibration analysis; shift alignment, precision balancing requirements and tolerances, oil sample analysis, thermography, ultra-sonics, motor current analysis, bearing failure analysis, installation and maintenance of bearings, and torque value. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 1122 Industrial Safety
2 credits: 2 hours lecture

Development of industrial safety, causes and costs of accidents, basic factors of accident control, and implications of state and federal regulations. Emphasis on personal responsibility for safety. CPR and Basic First Aid instruction included. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2104 Industrial Electrical Motors/AC Drives
4 credits: 3 hours lecture; 3 hours lab

Prerequisite: ELM 1054 (Industrial Circuits and Controls)

Prepares an individual to test and properly connect various types of single-phase and three-phase industrial electric motors including proper starting and running protection for installations. Entails wiring and programming variable frequency drive units to run electrical motors. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2133 Basic Digital Technology
3 credits: 2 hours lecture; 3 hours lab

Prerequisite: MAT 2213

Combinations and sequential logic circuits including TTL and MOS logic families, number systems, codes, truth table analysis, Boolean expressions, flip-flops, counters registers, arithmetic logic circuits, memories, multiplexers, demultiplexers, clocks, displays, instruction sets, and digital to analog and analog to digital conversions. Additional reinforcement provided through lab work. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2145 Instrumentation
5 credits: 3 hours lecture; 6 hours lab

Prerequisites: CFA 1103, EIT 1122, ELM 1043, ELM 1054

Co- or Pre-requisite: EIT 2155 or administrative approval

Presentation of the basic categories of instrumentation: pressure, flow, level, and temperature. Operation of primary sensing and transmitting elements such as controllers and recorders. Practical applications utilize feedback control loops, feed forward control loops, direct digital control, and final control element selection with regard to reliability and fail safe operation. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2155 Programmable Logic Controls
5 credits: 3 hours lecture; 6 hours lab

Prerequisites: CFA 1103 and ELM 1054

Study of programmable logic controllers (PLCs) including ladder logic and interfacing of sensors actuation devices, and drives. Covers analyzing specified machine processes and determining PLC input and output requirements needed for proper process control, connecting appropriate sensors and drive mechanisms to interface PLC control with a machine process, creating and preparing a program for a given machine process that incorporates both automotive and single-step modes of operation, and entering a PLC program and demonstrating the proper operation of the process. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2163 Advanced Instrumentation and Troubleshooting
3 credits: 2 hours lecture; 3 hours lab

Prerequisites: EIT 1112, EIT 2145, and EIT 2155

Presents advanced instruction in the following categories of instrumentation: pressure, flow, level, and temperature. Advanced instruction on instrument control valve analysis and diagnostic interpretation of analysis from control valve testing data as well as importance of instrumentation loop precision. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2175 Industrial Automation/Robotics Concepts
5 credits: 3 hour lecture; 6 hours lab

Prerequisites: CFA 1103 (Computer Fundamentals or higher level computer course), EIT 2155 (Programmable Logic Controls); EIT 1122 (Industrial Safety)

Introduction to the basic operation of industrial robotics including principles and practice of programming industrial manipulators to include safety, power-up, shutdown, manual operation, homing, movement, and effector operation. Topics covered include system hardware components, coordinate

systems, positional representation and control, pendant programming, and I/O interfacing. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2612 DC Controls
2 credits: 1 hour lecture, 3 hours lab

Prerequisite: ELM 1054 (Industrial Circuits and Controls)
Study of applications for the industrial and commercial environments utilizing D.C. motors and D.C. controllers. Includes motor controller design, hookup, and troubleshooting. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EIT 2906 Electromechanical Technology-Instrumentation Field Experience
6 credits: 240 hours lab

Prerequisites: Successful completion of the Advanced Technical Certificate in Electromechanical Technology-Instrumentation program, a 2.50 GPA prior to enrollment in this course and recommendation by UAM-CTC instructors and administration.
Provides learning and working experience with on-the-job training designed to prepare students for employment as an industrial, electrical mechanical, and/or instrumentation technician. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees, Contact advisor for information regarding transferability.

ELM Courses (Electromechanical Technology)

ELM 1012 Maintenance Welding
2 credits: 1 hour lecture; 3 hours lab

Basic arc welding and metal cutting with the oxyacetylene torch. Designed for students enrolled in programs requiring a basic knowledge of welding. Safety is emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1023 Basic Machine Shop
3 credits: 2 hours lecture; 3 hours lab

Prerequisites: ELM 1074 and MAT 2213, or permission of administration
Basic knowledge of machine shop applications including metallurgy and the operation of milling machines, lathes, and surface grinders. Metal fabrication is introduced. Safety is emphasized. Practical application provided through laboratory experience. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1033 Industrial Diagrams
3 credits: 3 hours lecture

Interpretation of drawings, blueprints, schematics, and related symbols. Measurement and the use of related measuring tools. Principles and concepts are related to the operation and maintenance of industrial facilities and equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1043 Pneumatics and Hydraulics
3 credits: 2 hours lecture; 3 hours lab

Prerequisites: ELM 1074 and MAT 2213, or permission of administration
Principles of fluid power (pneumatics and hydraulics) and a working knowledge of each of the components used in fluid power. Practical application is provided in the laboratory and safety is emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1054 Industrial Circuits and Controls
4 credits: 2 hours lecture; 6 hours lab

Prerequisites: ELM 1064 and MAT 2213, or permission of administration
Layout, planning, and installation of wiring systems in a commercial or industrial complex. Includes the practical application of fundamentals from prerequisite classes to install conduit and power distribution systems. Additional topics are operation of transformers, motor controls, and wiring and troubleshooting of electrical circuits involving primary, secondary, sequencing, and cascade control applications. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1064 Industrial Electricity
4 credits: 2 hours lecture; 6 hours lab

Corequisite: MAT 2213 or permission of administration
Study of direct and alternating current fundamentals involving series, parallel, and combination circuits, capacitance, inductance, magnetic properties and circuits, and electrical test instruments as well as symbols, schematics, and transformer principles. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 1074 Industrial Mechanics
4 credits: 2 hours lecture; 6 hours lab

Corequisite: MAT 2213 or permission of administration
Basic knowledge of mechanical maintenance including theory and practical application in general shop safety, identification and use of hand and power tools and fasteners. Preventive maintenance is emphasized. Drive components, bearings, seals, lubrication, and pumps are introduced. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ELM 2084 Advanced Industrial Mechanics
4 credits: 3 hours lecture; 3 hours lab

Prerequisites: ELM 1074 and MAT 2213, or permission of administration
Study of drive components, bearings, seals, lubrication, pumps, valves, fittings, and piping systems. Practical application is provided through laboratory experience. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER Courses (Emergency Medical Technology-Paramedic)

EMER 1103 Paramedic Human Anatomy & Physiology
3 credits: 3 hours lecture

A basic course in human anatomy and physiology with an emphasis on structure and function of cells, tissues, organs, and systems in the human body to prepare the Emergency Medical Technology students to enter the paramedic field. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 1117 Paramedic I
7 credits: 4 hours lecture, 6 hours lab

Prepares the emergency medical technician to perform advanced life support skills. Covers EMS systems, roles, responsibilities and well-being of the paramedic, injury and illness prevention, medical and legal issues, pharmacology, venous access and medication administration, therapeutic communications, life span development, airway management and ventilation, history taking, techniques of physical exam, patient assessment, clinical decision-making, communications and documentation, and rescue operation. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 1124 Paramedic Clinical I
4 credits: 12 hours clinical

Concurrent Enrollment: EMER 1117
Supervised rotations in clinical settings. Emphasis on developing and improving skills including I.V. therapy, patient assessment, documentation, and incubation which reinforce classroom instruction. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 1138 Emergency Medical Technician-Basic
8 credits: 6 hour lecture, 2 hours lab, 3 hours clinical

The EMT-Basic course is an introductory study of emergency medical pre-hospital care and follows the national standard curriculum set forth by the Department of Transportation. Instruction includes standard of care, legal/ethical issues, and pre-hospital procedures and techniques performed during emergencies. Upon successful completion, the EMT candidate will meet the requirements to challenge the National Registry EMT-Basic examination. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2217 Paramedic II
7 credits: 4 hours lecture, 6 hours lab

Prerequisite: EMER 1117 and EMER 1124
Didactic and clinical experience in the pre-hospital management of acutely ill or seriously injured persons. Emphasis placed on pulmonary emergencies, cardiology, neurology, endocrinology, allergies and anaphylaxis, gastroenterology, renal/urology, toxicology, hematology, environmental conditions, behavior/psychiatric disorders, gynecology and obstetrics. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2224 Paramedic Clinical II
4 credits: 12 hours clinical

Prerequisite: EMER 1117 and EMER 1124
Supervised rotations in clinical settings. Emphasis on application of previous course work in the clinical environment including IM and subcutaneous injections during the current semester. Specific skills include IM and subcutaneous injections. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2237 Paramedic III
7 credits: 4 hours lecture, 6 hours lab
Prerequisites: EMER 2217, 2224
Didactic and laboratory experience in pre-hospital management of traumatically injured persons and age-specific injured and ill persons. Emphasis on infectious and communicable diseases, trauma, trauma systems and mechanisms of injury, hemorrhage and shock, soft tissue trauma, neonatology, pediatrics, geriatrics, abuse and assault, patients with special challenges and acute interventions for the chronic care patient. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2244 Paramedic Internship I
4 credits: 12 hours clinical
Prerequisites: EMER 2217 and EMER 2224
Emphasis on all practical skills learned in previous coursework including ACLS skills. Supervised experience in pre-hospital care settings. Emphasis on the application of previous course work in the field environment. Clinical setting will change from the hospital to an ambulance capable of delivering advanced life support. Initially the student will serve as an observer advancing to unit team leader. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2317 Paramedic IV
7 credits: 4 hours lecture, 6 hours lab
Prerequisites: EMER 2237 and EMER 2244
Didactic and laboratory experience in the pre-hospital setting and operations. Emphasis on assessment based management, medical incident command, rescue operations and awareness, hazardous materials awareness and operations, exams reviews, final testing, and BLS Labs. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

EMER 2334 Paramedic Internship II
4 credits: 12 hours clinical
Prerequisites: EMER 2237 and EMER 2244
Supervised experience in pre-hospital care settings. Emphasis on application of previous course work in the field environment. The clinical setting will change from the hospital to an ambulance capable of delivering advanced life support. Initially the student will serve as an observer advancing to unit team leader. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

ENGL Courses (English)

ENGL 100 Composition Lab
0 credits: 2 hours lab
Corequisite: ENGL 1013
Writing lab emphasizing reading and critical thinking. Required for students scoring below 18 on the ENGL or Reading ACT.

ENGL 113 Basic English
3 credits: 3 hours lecture
Focus on the basics of reading and writing standard American English with the aim of preparing students for college-level work. This course may not be counted toward a major or minor in English or toward the general education program or be taken for credit after achieving an English ACT of 16 or better (or equivalent placement test) or after taking any other English course.

ENGL 123 Critical Reading Skills
3 credits: 3 hours lecture
Focus on the basics of reading with the aim of preparing students for college-level work. This course may not be counted toward a major or minor in English or toward the general education program or be taken for credit after achieving a Reading ACT of 19 or better (or equivalent placement test) or after taking any other English course with the exception of ENGL 113 Basic English.

ENGL 133 Fundamentals of English
3 credits: 3 hours lecture
Prerequisite: Grade of 'C' or above in ENGL 113 or English ACT of 16-18 or permission of School Dean.
Fundamentals of basic grammar usage and writing skills stressing reading skills as a basis for effective writing.
NOTE: This course may not be counted toward a major or minor in English or toward the general education program or be taken for credit after achieving a "C" or better in any other English course.

ENGL 1013 Composition I
A.C.T.S. Equivalent Course # ENGL 1013
3 credits: 3 hours lecture
Writing course stressing reading skills as a basis for effective writing.

ENGL 1023 Composition II
A.C.T.S. Equivalent Course # ENGL 1023
3 credits: 3 hours lecture
Prerequisite: Grade of C or better in ENGL 1013 or permission of School Dean
Writing course emphasizing reading skills as a basis for effective writing. Documented term paper is required.

ENGL 1033 Honors Composition I
3 credits: 3 hours lecture
Prerequisite: Minimum ACT composite score of 24 or permission of School Dean
Writing course emphasizing reading and writing on a more sophisticated level than ENGL 1013. NOTE: Fulfills the General Education requirement for ENGL 1013. May not be taken for credit by students who have taken Freshman Composition I.

ENGL 1043 Honors Composition II
3 credits: 3 hours lecture
Prerequisite: ENGL 1033 or permission of School Dean
Writing course emphasizing reading and writing on a more sophisticated level than ENGL 1023. NOTE: Fulfills the General Education requirement for ENGL 1023. May not be taken for credit by students who have taken Freshman Composition II.

ENGL 2223 Introduction to Creative Writing
A.C.T.S. Equivalent Course # ENGL 2013
3 credits: 3 hours lecture
Prerequisite: ENGL 1023
Laboratory/reading course that introduces students to the elements of writing fiction, poetry, and creative-nonfiction. Students submit manuscripts for analysis and criticism.

ENGL 2263 Vocabulary Building
3 credits: 3 hours lecture
Origins and growth of the English vocabulary, word-formation, semantics, meaning shifts, regional vocabulary, nomenclature, testing for verbal proficiency.

ENGL 2283 Survey of World Literature I
A.C.T.S. Equivalent Course # ENGL 2113
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Major periods and writers from the Classical Age to the Renaissance.

ENGL 2293 Survey of World Literature II
A.C.T.S. Equivalent Course # ENGL 2123
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Major periods and writers from the Renaissance to the present.

ENGL 2303 Creative Nonfiction Writing
3 credits: 3 hours lecture
Prerequisite: ENGL 1023 or ENGL 1043 or permission of School Dean
Writing and editing creative nonfiction prose, including the personal essay.

ENGL 2323 Introduction to Literary Studies
3 credits: 3 hours lecture
Prerequisite: ENGL 1023 or ENGL 1043 or permission of School Dean
Prepares students for upper division literature courses by introducing them to the terms, critical skills, and literary concepts useful for advanced literary study.

ENGL 3253 Technical Writing and Communication
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Practice in preparing reports, letters, articles, web pages, and other forms of writing used in a variety of companies and organizations, as well as giving informal and formal media presentations.

ENGL 3323 Writing Center Internship
3 credits: 3 hours lecture
Prerequisite: Departmental Consent
Helps students develop pedagogically and theoretically into informed writing center consultants who could staff the UAM Writing Center and work with a variety of student writers across disciplines. Students think about and appreciate the development of writing center theories and practices. Students investigate the role of composition theory and research in consulting practice and vice versa.

ENGL 3333 Weevil Pond
3 credits: 3 hours lecture/laboratory
Prerequisite: ENGL 2223
Readings in contemporary literary/arts magazines and a practicum in editing and producing the UAM literary/arts magazine online. May be repeated for a total of 6 hours credit.

ENGL 3343 The Bible as Literature
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
The books of the Old Testament and the Apocrypha as illustrating literary development and thought. The Bible as a source for drama, philosophical poetry, lyric poetry, essay, and story.

ENGL 3353 History and Development of Film
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
An introduction to the study of film with emphasis on the history and development. Critical analysis of a range of international films.

ENGL 3363 Classical Rhetoric
3 credits: 3 hours lecture
Prerequisites: ENGL 1024 or ENGL 1043
A study of Western rhetoric as it evolved and changed throughout its 2500-year history beginning with fifth century BCE Greece and ending in twentieth century CE United States.

ENGL 3403 American Literature I
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
A survey of American literature from its beginnings to the 1860's.

ENGL 3413 American Literature II
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
A survey of American literature from the 1860's to 1960.

ENGL 3423 British Literature I
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
A survey of British literature from its beginnings to 1800.

ENGL 3433 British Literature II
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
A survey of British literature from 1800 to 1960.

ENGL 3453 The International Short Story
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Historical and thematic study of the short story worldwide.

ENGL 3543 Creative Writing
3 credits: 3 hours lecture
Prerequisites: ENGL 1023 and ENGL 2223
Laboratory/reading course in which students submit manuscripts for analysis and criticism.

ENGL 3573 Literature for Adolescents
3 credits: 3 hours lecture/seminar
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
A seminar focusing on the critical reading, analysis, and teaching of literature for adolescents in the upper elementary, middle, and high schools.

ENGL 3583 Critical Theory and Approaches to Literature
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
An introduction to major literary and critical schools of thought, including their historical developments and their practical applications.

ENGL 4013 Writing Across Contexts
3 credits: 3 hours lecture
Prerequisites: COMM 4043 or ENGL 3363
Helps students (1) understand principles of composing, especially as they compare across different composing spaces; (2) write for each of three spaces—print, screen, and network; and (3) edit the texts deployed in each appropriately.

ENGL 4593 Introduction to Language Study
3 credits: 3 hours lecture
Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Introduction to the study of the English language, including reading and discussion of its history, structure, regional and social variations, and its use in the modern world.

ENGL 4613 The British Novel
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
The British novel from its beginning to World War II.

ENGL 4623 Shakespeare
3 credits: 3 hours lecture
Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Introduction to Shakespeare.

ENGL 4633 The American Novel
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
The American novel from its beginnings to World War II.

ENGL 4663 Modern Poetry
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Reading and interpretation of British and American poetry since 1900.

ENGL 4683 Seminar in Writing: Special Topics
3 credits: 3 hours lecture

Prerequisites: ENGL 1023 and ENGL 2223
An in-depth study of one of the major areas of writing such as fiction, nonfiction, poetry, autobiographical writing, business and professional writing, and advanced expository writing. May be repeated for a total of 6 credit hours with varying topics.

ENGL 4703 Contemporary Writers
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Works by current authors, including the voices of women, persons of color, and writers of the post-colonial world.

ENGL 4713 Literature of the South
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Novels, short stories, poems, and essays about the South from the Colonial Period to the present, including Southern folklore and black writers.

ENGL 4723 Seminar in English
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
Detailed study of one of the major areas of English, emphasizing assigned readings and individual research. May be repeated for a total of 12 credit hours with permission of the School Dean.

ENGL 4733 Minority Writers
3 credits: 3 hours lecture

Prerequisites: ENGL 2323 for English majors; permission of instructor for non-majors.
A survey of minority writers within the United States and abroad.

ENGL 4743 Film and Literature
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
A seminar designed to study film as a literary genre, though in-depth analysis from a variety of critical and theoretical approaches to films from the U.S. and abroad.

ENGL 4753 Advanced Grammar
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Modern grammatical systems (traditional, structural, generative, transformational).

ENGL 4763 Advanced Composition
3 credits: 3 hours lecture

Prerequisite: Senior standing or permission of School Dean
Capstone course for English majors on literature track. Will include major research paper and compilation of a portfolio synthesizing the student's college career.

ENGL 479V Independent Study in English
Variable credit

Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

ENGL 4903 Seminar in Teaching English
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 or ENGL 1033 and ENGL 1023 or ENGL 1043
Evaluation and critique of micro classroom teaching, history of academic discipline, philosophical development, test design and evaluation, and materials for on-site teaching.

ENGL 4913 Senior Project in Creative Writing
3 credits: 3 hours lecture

Prerequisite: Senior English major in Creative Writing concentration
Capstone course for English majors in the Creative Writing concentration. Requires compilation of a substantial body of past and new creative work, a craft essay, an author's statement, and a reflective essay.

ENGR Courses (Engineering)

ENGR 1001 Introduction to Engineering
1 credit: 1 hour lecture
The profession of engineering, including the history of engineering and an explanation of selected branches of engineering. Assistance will be provided in preparing individual curricula and in executing the transfer to a degree-granting institution.

ENGR 1014 Introduction to Robotics and Basic Engineering
4 Credits: 3 hours lecture, 3 hours laboratory
Prerequisites: Completion of a college level mathematics course
An introduction to the basic principles of engineering, with emphasis on design, assembly, performance testing, and programming of robots built from kits.

ENTO Courses (Entomology)

ENTO 2283 Applied Entomology
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisite: BIOL 2143 and BIOL 2171; or BIOL 2153 and BIOL 2161; or BIOL 1063 and BIOL 1071; or BIOL 2053
Destructive and beneficial species of insects and their effect upon agricultural enterprises.

ESCI Courses (Earth Science)

ESCI 1033 Elements of Astronomy
A.C.T.S. Equivalent Course # PHSC 1204 when combined with ESCI 1041 Elements of Astronomy Laboratory
3 credits: 3 hours lecture
A study of astronomy from the past to the present including examinations of the solar system, properties of stars, and characteristics of galaxies.

ESCI 1041 Elements of Astronomy Laboratory
1 credit: 2 hours laboratory
A laboratory course to supplement ESCI 1033.

ESCI 1051 Elements of Geology Laboratory
A.C.T.S. Equivalent Course # GEOL 1114 when combined with ESCI 1063 Elements of Geology
1 credit: 2 hours laboratory
Corequisite: ESCI 1063
Identification of minerals and rocks, introduction to maps, methodology of absolute and relative age dating. Introduction to structural geology.

ESCI 1063 Elements of Geology
A.C.T.S. Equivalent Course # GEOL 1114 when combined with ESCI 1051 Elements of Geology Laboratory
3 credits: 3 hours lecture
Corequisite: ENGL 1013
Materials of the Earth's crust and the processes and agents that affect them; plate tectonics, earthquakes, volcanoes, and Earth history.

ESCI 1073 Earth and Atmosphere
A.C.T.S. Equivalent Course # PHSC 1104 when combined with ESCI 1081 Earth and Atmosphere Laboratory
3 credits: 3 hours lecture
Corequisite: ESCI 1081
Survey of the nature of the Earth's hydrosphere in terms of composition, origin, and physical processes; weather, climate, oceans, streams, groundwater, and glaciers.

ESCI 1081 Earth and Atmosphere Laboratory
A.C.T.S. Equivalent Course # PHSC 1104 when combined with ESCI 1083 Earth and Atmosphere
1 credit: 2 hours laboratory
Corequisite: ESCI 1073
Exercises involving interpretation of oceanic data, methodology of collecting weather data, stream and groundwater flow problems.

ESCI 1123 Meteorology
3 credits: 3 hours lecture
Corequisite: ESCI 1131
Survey of the Earth's Atmosphere in terms of weather patterns and climate changes.

ESCI 1131 Meteorology Lab
1 credit: 2 hours laboratory
Corequisite: ESCI 1123
Exercises involving interpretation of weather and climate data.

ESCI 1201 Oceanography Lab
Pre/Corequisite: ESCI 1203 Oceanography
The laboratory component of ESCI 1203, Oceanography, which will include exercises involving interpretation of oceanic data provided by the American Meteorological Society.

ESCI 1203 Oceanography
3 credits: 3 hours lecture
Survey of the world's ocean and the role of the ocean in the Earth's system, including the ocean's physical, chemical, geological, and biological foundations.

ESCI 222V Field Geology
Variable credit
NOTE: May be repeated for a maximum of 3 hours credit.
Introduction to the methods of field investigation and interpretation of geological features. The purpose and scope of the course will vary from trip to trip.

ESCI 3473 Earth Resources
3 credits: 3 hours lecture
Prerequisite: ESCI 1063
Origin, classification, and distribution of the Earth's economic minerals, rocks, water, and fossil fuels.

ESCI 3493 Environmental Science (same as BIOL 3493)
3 credits: 3 hours lecture
Prerequisite: three hours of biology or earth science
A survey of the environment to provide an understanding of and respect for the ecosystems upon which the human species is dependent. Fall offering in even-numbered years.

ESCI 358V Natural History (same as BIOL 358V)
Variable credit
Prerequisite: three hours biology or earth science
NOTE: May be taken for a maximum of 3 hours credit.
A field course in geology and biology of natural ecosystems, consisting of travel, study, and/or research in unique natural areas of North America.

EXP Courses (Experiential Learning)

EXP 100V Experiential Learning
Variable Credit
Student must meet with the academic dean and faculty advisor to develop an assessment plan. NOTE: No more than 12 undergraduate hours (6 technical credit hours) may be counted towards graduation.

EXP 400V Experiential Learning
Variable Credit
Student must meet with the academic dean and faculty advisor to develop an assessment plan. NOTE: No more than 12 undergraduate hours (6 technical credit hours) may be counted towards graduation.

EXSC Courses (Exercise Science)

EXSC 1002 Introduction to Exercise Science
2 credits: 2 hours lecture
Introduces the student to the exercise science discipline. Examination of concepts including professionalism, ethics, certification and licensure, employment opportunities and scientific foundations of the various sub disciplines.

EXSC 1012 Concepts of Fitness
2 credits: 1 hour lecture, 1 hour laboratory
This course is designed to develop understanding in the conceptual knowledge of health and fitness in the development and maintenance of human wellness through theory and laboratory application. Offered: Spring.

EXSC 2151 Methods of Teaching Water Exercise and Aerobic Dance
1 credit: 1 hour lecture, 1 hour laboratory
This course will give an overview of methods of teaching water exercise for special populations such as those with arthritis, orthopedic impairment, obesity, heart disease, and circulatory impairment as well as healthy populations who use water exercise for fitness. This would include both swimming and non-swimming activities. The aerobic dance portion of the class will involve aerobic dance teacher certification. Offered: Fall, Spring.

EXSC 3311 PACE Certification
1 credit: 2 hours laboratory
The student will learn proper procedure for teaching exercise to persons with arthritis. Offered: Fall, Spring.

EXSC 3323 Strength and Conditioning
3 credits: 3 hours lecture/laboratory
This course will teach principles of strength, flexibility, agility, speed and endurance training and practical application of these in preparation for certification. Offered: Spring.

EXSC 3483 Sport Entrepreneurship
3 credits: 3 hours lecture
An emphasis for such careers as fitness directors, athletic administrators, and sports and fitness facility directors will be included in this course. Students will gain insight into the operations and financial processes of sport and fitness programs at various levels. Offered: Spring.

EXSC 4401 Anatomical Kinesiology Laboratory
1 credit: 1 hour laboratory
Corequisite: EXSC 4643
The scientific study of human movement including structural and functional analysis of osteology, mycology, and neurology. Offered: Fall.

EXSC 4403 Pharmacology and Exercise Performance
3 credits: 3 hours lecture

Pharmacology and Exercise Performance is a specialized branch of pharmacology that studies the interaction between the physiological changes caused by physical activity. It is concerned with how drugs might affect people engaged in sports or exercise programs, including athletes and those who are overweight, unfit, disabled, or elderly. Its scope ranges from studying the effects of drugs on athletes in competition to examining drugs' effects on patients in cardiac rehabilitation.

EXSC 4503 Exercise Prescription
3 credits: 3 hours lecture

This course will give students the knowledge of how to prescribe and administer fitness exercise for normal populations and special populations such as those who are diabetic, arthritic, obese, have orthopedic impairment or neurological impairment or who are in cardiac rehabilitation. Offered: Fall.

EXSC 4513 Exercise Certification Preparation
3 credits: 3 hours lecture

Prerequisite: Instructor's permission

Prepares students to take Aerobic Dance Certification, Strength Coach Certification, and Personal Trainer Certification. Offered: Spring.

EXSC 4523 Geriatric/Therapeutic Internship

A full semester of practical experience concerning the organization, administration, and daily operation of a geriatric/therapeutic facility. Offered: Fall, Spring.

EXSC 4533 Sports Psychology
3 credits: 3 hours lecture

Principles of psychology as applied to sports and exercise. Topics covered include methods of performance enhancement and mental training, exercise adherence, violence in sports, effects of sports on children, team dynamics, and drug and steroid use among athletes.

EXSC 4623 Community Recreation Internship
3 credits: 3 hours internship

The student will complete a nine-week internship in a senior adult rehabilitation setting and a nine-week internship in a youth fitness setting. Offered: Fall, Spring.

EXSC 4643 Anatomical Kinesiology
3 credits: 3 hours lecture

Corequisite: EXSC 4401

The scientific study of human movement; analysis of motor skills and programs of exercise; evaluation of movement performance. Offered: Fall.

EXSC 4683 Methods and Technology for Exercise Science
3 credits: 3 hours lecture

Methods of teaching in the areas of self-care, consumer awareness, nutrition and weight control, stress management, risk factor analysis and substance abuse. Offered: Fall.

EXSC 4783 Research Methods for Exercise Science
3 credits: 3 hours lecture

This course will focus on Research Methods and Evaluation Exercise Science. Emphasis will be placed on practical application of knowledge and a review of current literature. Students will be introduced to appropriate concepts related to research design, IRB, evaluation, and literature review.

EXSC 4803 Internship--Wellness Facility
3 credits

A 200-clock-hour off-campus working experience in a wellness/health promotion facility approved by the intern supervisor. Offered: Fall, Spring.

FA Courses (Fine Arts)

FA 1013 Fine Arts Appreciation
3 credits: 3 hours lecture

An interdisciplinary course concerning the histories, genres, tools, movements, and aesthetics of music and art and the way they intertwine in reflecting culture, politics, economics, and historical movements around the world.

FA 1023 Film Appreciation
3 credits: 3 hours lecture

Examines the history and basic elements of film. Study of film images, sound, editing, and aesthetics in pursuit of greater understanding and deeper appreciation of this art form.

FIN Courses (Finance)

FIN 3413 General Insurance
3 credits: 3 hours lecture

Fundamentals of insurance and their relationship to sound business administration. Offered: Fall.

FIN 3473 Principles of Finance
3 credits: 3 hours lecture
Prerequisites: ACCT 2213 and ECON 2203 or ECON 2213 or AGEC 2273
Introduction to financial management and analysis, including such topics as the risk-expected return tradeoff, financial ratios, time value of money, computation of net present value, quantifying risk, diversification, capital budgeting, and cost of capital. Emphasis is placed on problem-solving. Offered: Fall, Spring, Summer.

FIN 3483 Real Estate Principles
3 credits: 3 hours lecture
Prerequisites: ECON 2203 and ECON 2213 or AGEC 2273
Real estate values economics, financing; home ownership, rights in real property and their transfer; problems of investment and management; regulations of real property and brokerage. Offered: Fall.

FIN 4603 Financial Policy and Planning
3 credits: 3 hours lecture
Prerequisites: FIN 3473 and ECON 2113
Analysis of financial theories and practices, within a risk-return framework, as they relate to the financial decision-making process. Topics covered include working capital policy, capital structure, capital budgeting techniques. Offered: Fall.

FIN 4613 Investments
3 credits: 3 hours lecture
Prerequisite: FIN 3473
Principles and theories of security evaluations and analysis for professional and personal portfolio formation, including the risk-return trade-off, types of securities, market efficiency, interest rates, and speculative investments. Offered: Spring.

FIN 4623 International Finance
3 credits: 3 hours lecture
Prerequisites: ECON 2203, FIN 3473 and GB 3353
International financial management, globalization of financial markets, exchange rates, interest rate parity, hedging against exchange rate risk, exchange rate arbitrage, different types of international investment, risks and opportunities related to international investment and diversification. Offered: Spring.

FIN 4683 Real Estate Finance
3 credits: 3 hours lecture
Real estate brokerage title closing, marketing, advertising, financing, and appraisal. Market analysis, property management, and real estate trends and outlook. Offered: Spring.

FIN 479V Independent Study in Finance
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

FREN Courses (French)

FREN 1003 Elementary French I
A.C.T.S. Equivalent Course # FREN 1013
3 credits: 3 hours lecture
Basic language skills including listening, speaking, reading, and writing with emphasis on grammatical structures and aural-oral practice.

FREN 1013 Elementary French II
A.C.T.S. Equivalent Course # FREN 1023
3 credits: 3 hours lecture
Prerequisite: FREN 1003
Continued study of basic language skills including listening, speaking, reading, and writing with emphasis on grammatical structures and aural-oral practice.

FREN 2203 Intermediate French I
A.C.T.S. Equivalent Course # FREN 2013
3 credits: 3 hours lecture
Prerequisite: FREN 1013
Grammar, vocabulary, and basic idiomatic expressions.

FREN 2213 Intermediate French II
A.C.T.S. Equivalent Course # FREN 2023
3 credits: 3 hours lecture
Prerequisite: FREN 2203
Continued study of grammar, vocabulary, and basic idiomatic expressions.

FREN 3223 Intermediate Reading
3 credits: 3 hours lecture
Prerequisite: FREN 2203
Course in detailed reading of French and Francophone poetry and short stories with an emphasis on reviewing grammar and acquiring new vocabulary and idioms.

FREN 3403 Intermediate Conversation
3 credits: 3 hours lecture
Prerequisite: FREN 2203
Intensive oral practice allowing students to become more comfortable with expressing themselves in the target language. Course is designed to further develop listening comprehension and speaking capabilities through a continued expansion of grammar and vocabulary by employing various mediums: song, literature, periodicals, film, Internet, and the like.

FREN 3413 French and Francophone Civilization and Culture
3 credits: 3 hours lecture
Prerequisite: FREN 2203
Survey of the main points in French and Francophone history, civilization, and culture from early French kingdoms through colonization to contemporary issues. Examining both major national events and the major world influences that developed from the French effect on the globe.

FREN 3423 Intermediate Grammar and Composition
3 credits: 3 hours lecture
Prerequisite: FREN 2213
Writing course which will continue to address problematic areas in the French language by more precise review of advanced grammar topics. Students will learn to properly express themselves in French by writing compositions which inform, persuade, give an opinion, and the like.

FREN 3433 Survey of French Literature I
3 credits: 3 hours lecture
Prerequisites: FREN 2203 and FREN 2213
Literature by periods from its beginnings to the end of the 18th century.

FREN 4613 Advanced Composition
3 credits: 3 hours lecture
Advanced French translation and free composition. Emphasis on literary style and building new vocabulary.

FREN 4653 Seminar in French Literature
3 credits: 3 hours lecture
Prerequisite: FREN 3433 or FREN 3443 or instructor's permission
Emphasis on literary analysis and interpretation of major authors of a given century and work characteristics of various movements of that century.

FREN 479V Independent Study in French
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

FRT Courses (Forest Technology)

FRT 2001 Basic Surveying
1 credit: 3 hours laboratory
Prerequisites: CIS 2223
Introduction of concepts essential for navigating through forest stands and for documenting specific locations within stands. Fundamental aspects of geographic information systems (GIS) also are presented. Offered: Intersession (Spring/Summer I).

FRT 2013 Foundations of Forestry I
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: NRM 2042
Central concepts of forest biology and protection, including the fundamentals of forest ecology, silviculture, and forest protection. Offered: Fall.

FRT 2023 Foundations of Forestry II
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: FRT 2013 Foundations of Forestry I
Coverage of practices governing the production of timber, wildlife, water, and recreation resources for human benefit and use while sustaining forest ecosystem functions. Offered: Spring.

GB Courses (General Business)

GB 1023 Introduction to Business
A.C.T.S. Equivalent Course # BUSI 1013
3 credits: 3 hours lecture
Business activities, business position in general economic framework; survey of courses in production, personnel, marketing, finance, managerial control, and government relations. Offered: Spring.

GB 2533 Legal Environment of Business
A.C.T.S. Equivalent Course # BLAW 2003
3 credits: 3 hours lecture
Corequisites: ENGL 1013
An introduction to law, its relation and effect upon society, business and the individual. Topics include business ethics, the federal and state judicial systems, administrative law, business crimes, torts, contracts, sales, agency relationships, consumer protection, and environmental and pollution regulations. Offered: Fall, Spring, Summer.

GB 2043 Business Communications
A.C.T.S. Equivalent Course # BUSI 2013
3 credits: 3 hours lecture
Prerequisite: keyboarding ability, ENGL 1023
Composition and preparation of a variety of effective business letters, including good news, requests, refusals, collections, sales, and employment letters. Correct and concise use of English is stressed. Offered: Fall, Spring, Summer.

GB 3233 Business Statistics II
3 credits: 3 hours lecture
Prerequisite: ECON 2113 or PSY 2203
Statistical topics include non-parametric statistics, ANOVA, MANOVA, simple and multiple linear regression, and statistical process control. Offered: Fall, Spring, Summer.

GB 3353 International Business
3 credits: 3 hours lecture

International business is examined from the perspective of three business areas: economics, management, and marketing. The initial third of the course examines the economics of international trade. The remaining two-thirds of the course will focus on management and marketing in the international environment. Offered: Spring, Summer.

GB 3443 Special Topics
3 credits: 3 hours lecture

Prerequisite: Permission of the instructor, advisor, and the Dean
Topics vary in accordance with students' demands. Presentation form may vary with each offering. Course may be repeated when different topics are presented.

GB 3493 Business Ethics
3 credits: 3 hours lecture

Analysis of ethical decision making in business at the individual and organizational level. Addresses the ethical standards of integrity, objectivity, confidentiality, and professionalism and their application in the marketplace. Offered: Fall, Spring.

GB 4333 Fraud Examination (same as ACCT 4333)
3 credits: 3 hours lecture

An overview of the fraud problem including a discussion of fraud detection and prevention methods. Includes a discussion of the options victims of fraud have when deciding how to follow up on frauds they have uncovered. Offered: Summer I.

GB 4363 Topics in E-Commerce
3 credits: 3 hours lecture

Prerequisites: MGMT 3473 and MKT 3403
This class concentrates on the organizational structure and design, operational, strategic, and marketing issues involved in e-commerce. Familiarity with the Internet and web browsers is assumed. Extensive use of cases as well as project(s) dealing with e-commerce models and the use of the Internet as an information medium. This course does not cover web site design, except as related to security of customer information, site ease of use, and related topics. Offered: Fall.

GB 463V Internship
1-3 credits

Prerequisite: completion of 21 hours in the School of Business and permission of the School Dean and advisor
NOTE: May be taken/repeated for maximum of 3 hours of credit
Professional quality experience in the student's major field for a fixed period of time and conforming to standards established by the Dean of the School of Business. Internships must be arranged in advance of the semester in which the credit for the internship will be granted. Follow-up will consist of student journals, reports, and employer evaluations.

GB 479V Independent Study in General Business
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

GEOG Courses (Geography)

GEOG 2213 General Geography I
A.C.T.S. Equivalent Course # GEOG 1103
3 credits: 3 hours lecture

An examination of regional world cultures and physical characteristics. The course will explore regional sociopolitical and economic systems and the relationship between humans and the environment.

GEOG 2223 General Geography II
3 credits: 3 hours lecture

Introduction to the developing regions of Latin America, Africa and Southwest Asia. Includes landforms, climates, economic activities, languages, religion, and ethnicity.

GEOG 354V Field Course
Variable credit

Tour of a designated area in the United States or abroad. Includes observation and interpretation of cultural and physical characteristics of the area. Offered: on demand.

GEOG 479V Independent Study in Geography
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

GIS Courses (Geographic Information Systems)

GIS 2014 Introduction to GIS, GPS and Remote Sensing
4 credits: 3 hours lecture, 3 hours laboratory

Prerequisites: MATH 1043 or MATH 1175

Introduction to Geographic Information Systems (GIS) using both raster and vector spatial data models, with hands on experience utilizing computers to aid problem solving. Applications to be mastered include data entry, verification, database construction, cartographic modeling, and mapping of spatial data. Application of Global Positioning Systems (GPS) is described and utilized. Basic concepts of remote sensing are introduced. Offered: Fall.

GIS 3113 Advanced Geographic Information Systems (GIS)
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisites: NRM 3063 and GIS 2014

Covers spatial database structures, raster analyses, raster modeling, and 3-dimensional analysis. Offered: Spring.

GIS 3123 Remote Sensing
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisites: NRM 3063 and GIS 2014

Remote sensing concepts including both electronic and analog sensor systems, land cover classification, rectifying and registering images, and digital mapping will be discussed. Offered: Fall.

GIS 4123 Global Navigation Satellite Systems
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisites: GIS 2014 and MATH 1033

Advanced concepts in global positioning systems (GPS) and the hardware and software to implement them. Topics include advanced mapping-grade data collection techniques, acquiring survey quality data, and using real-time kinematics. Offered: Fall.

HEO Courses (Heavy Equipment Operator)

HEO 1012 Orientation
2 credits: 2 hours lecture

Corequisites: HEO 1046, HEO 1023 and HEO 1153

Information necessary for the use and maintenance of heavy equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1023 Basic Safety
3 credits: 3 hours lecture

Corequisites: HEO 1012, HEO 1046 and HEO 1153

Introduction to basic construction industry safety including, OSHA, PPE requirements, haz mat, fires, electrical and other components. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1033 Employability
3 credits: 3 hours lecture

Prerequisites: HEO 1012, HEO 1023, HEO 1153 and HEO 1046

Corequisites: HEO 2082 and HEO 2109

Information necessary for the employability of heavy equipment operators. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1046 Construction Equipment I
6 credits: 6 hours lecture

Corequisites: HEO 1153, HEO 1012 and HEO 1023

Basic construction drawings reading, identification of equipment, basic operational techniques and tractors. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1066 Timber Equipment I
6 credits: 6 hours lecture

Classroom experience in map reading and land location, tree cutter, skidder/loader and forestry and governmental regulations. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1072 Timber Equipment I Field Work
2 credits: 6 hours field work

Hands-on experience in map reading and land location, tree cutter, skidder/loader and forestry and governmental regulations. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 1153 Heavy Equipment Safety
3 credits: 3 hours lecture

Corequisites: HEO 1023, HEO 1046 and HEO 1012

In-depth study of heavy equipment safety including lockout/tagout procedures, MSDS, construction safeguards, and excavation dangers. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2082 Introduction to Earth Moving
2 credits: 2 hours lecture
Prerequisites: HEO 1012, HEO 1023, HEO 1153 and HEO 1046
Corequisites: HEO 1033 and HEO 2109
Information necessary for and a complete overview of the earth moving process from planning state to implementation, including the operation of bulldozers, scrapers, and graders. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2109 Construction Equipment II
9 credits: 9 hours lecture
Prerequisite: HEO 1012, HEO 1023, HEO 1046 and HEO 1153
Corequisite: HEO 1033 and HEO 2082
Classroom experience in soils, grades, construction math, construction drawings reading, dump trucks, bulldozers, backhoe loaders, rollers, scrapers, excavators, motor graders, and forklifts. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2116 Construction Equipment II Field Work
6 credits: 18 hours field work
Prerequisite: HEO 1012, HEO 1023, HEO 1153, HEO 1046
Corequisite: HEO 2162
Hands-on experience in soils, grades, construction math, constructions drawings reading, dump trucks, bulldozers, backhoe loaders, rollers, scrapers, excavators, motor graders, and forklifts. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2126 Construction Equipment II Internship
6 credits: 18 hours field work
Prerequisite: HEO 2109
Hands-on, on-the-job experience using construction equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2139 Timber Equipment II
9 credits: 9 hours lecture
Prerequisite: HEO 1066
Corequisite: HEO 2082, HEO 2093
Classroom and simulation in cut-to-length harvesters, basic hydraulics, forwarders, and timber production. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2146 Timber Equipment II Field Work
6 credits: 18 hours field work
Prerequisite: HEO 2139
Hands-on experience with timber harvesting equipment and in timber production. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2156 Timber Equipment II Internship
6 credits: 18 hours field work
Prerequisite: HEO 2139
Hands-on, on-the-job experience using timber equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HEO 2162 Construction Equipment I Field Work
2 credits: 6 hours field work
Prerequisites: HEO 1012, HEO 1023, HEO 1153 and HEO 1046
Corequisite: HEO 2116
Hands-on experience in construction drawings reading, grades, identification of equipment, basic operational techniques, and tractors. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HIST Courses (History)

HIST 1013 World History to 1500
A.C.T.S. Equivalent Course # HIST 1113
3 credits: 3 hours lecture
Co-requisite: ENGL 1013
European and world development from early societies to 1500, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.

HIST 1023 World History Since 1500
A.C.T.S. Equivalent Course # HIST 1123
3 credits: 3 hours lecture
Co-requisite: ENGL 1013
European and world development since 1500 to present, emphasizing cultural, economic, religious, and political changes. Non-western societies are included.

HIST 2213 American History I
A.C.T.S. Equivalent Course # HIST 2113
3 **credits: 3 hours lecture**
Co-requisite: ENGL 1013
The growth of the United States from the discovery of America to 1876.

HIST 2223 American History II
A.C.T.S. Equivalent Course # HIST 2123
3 credits: 3 hours lecture
Co-requisite: ENGL 1013
The United States from 1876 to the present.

HIST 3003 Native American History
3 credits: 3 hours lecture
Prerequisites: HIST 2213 or HIST 2223
An introduction to Native American history in the United States from the beginning of European colonization to the present.

HIST 3403 Emergence of Modern Europe
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Europe from the 15th through 18th centuries, including the Renaissance, the Reformation, New World encounters and conquest, the rise of absolutism, and the Enlightenment.

HIST 348V Field Course
Variable credit
A field course consisting of travel, observation, and study of selected historic sites.

HIST 3503 Medieval Middle East
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Religious, social, cultural, and political development of the Middle East from the rise of Islam in the 7th century to the fall of Constantinople in 1453.

HIST 3513 Historiography and Historical Methods
3 credits: 3 hours lecture
Prerequisites: HIST 1013, 1023, 2213, and HIST 2223
A study of history as a discipline, how historians use primary sources, and major schools of historical interpretation.

HIST 3523 Modern Europe
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Major political, social, and economic developments in Europe since the French Revolution.

HIST 3573 Colonial America
3 credits: 3 hours lecture
Prerequisites: HIST 2213 or HIST 2223
European exploration and settlement in North America from the fifteenth century to the American Revolution.

HIST 3583 Latin America
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Evolution of Latin America from the Pre-Columbian epoch through the contemporary period with an emphasis on political, social, and economic developments.

HIST 3593 Arkansas History
3 credits: 3 hours lecture
Prerequisite: HIST 2213 or HIST 2223
Social, political, and economic evolution of Arkansas from the Spanish and French explorations to the present.

HIST 3633 American South
3 credits: 3 hours lecture
Prerequisites: HIST 2213 or HIST 2223
Social, political, and economic history of the American South from 1812 to the present.

HIST 3643 Medieval Age
3 credits, 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Religious, social, economic, and political development of medieval world from the fall of Rome to 1450.

HIST 3683 American Revolution and Early Republic
3 credits: 3 hours lecture
Prerequisites: HIST 2213 or HIST 2223
Development of the United States from the War of Independence to the Age of Jackson.

HIST 3703 Modern Middle East
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Religious, social, cultural, and political development of the Middle East from the fall of Constantinople to the present; emphasizing the 20th and 21st centuries.

HIST 3713 The Hispanic World Since 1800
3 credits: 3 hours lecture
Prerequisites: HIST 1013 or HIST 1023
Comparative study of Spain and Latin America with emphasis on political, economic, social, and cultural developments in the nineteenth and twentieth centuries.

HIST 4003 European Communism and Fascism, 1919-1945
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
Ideological definitions, political and social factors that led to the rise and radicalization of communism and fascism, including the interwar crisis of liberal democracy.

HIST 4013 History of European Popular Culture
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The development of forms and theories of popular culture since 1800, with emphasis on representations of concurrent political and social developments.

HIST 4023 American Environmental History
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor
The study of human interaction with the environment and the transformation of the landscape and ecology of North America from 1450 to present.

HIST 4033 Christianity
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The history of Christianity from the first century CE to the medieval period.

HIST 4043 Crusades
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The medieval Crusades by Christian armies to the Middle East emphasizing the motivations of Christendom, the response of Muslims, and the impact on the Middle East and Europe.

HIST 4053 Vikings
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The history of the Scandinavian peoples and their impact on Europe through the 11th century.

HIST 449V Seminar in World History
3 credits: 3 hours lecture

Variable credit
Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
A selected period or topic with extensive readings, acquaintance with source material, and class discussion. Not to exceed 3 credit hours per semester. Can be repeated for up to 12 hours.

HIST 4543 American West
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The westward movement in American history, with emphasis upon the social, economic, and political influence of the frontier in American life.

HIST 4603 Modern America, 1900-1945
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The Progressive Movement, World War I, the Roaring Twenties, the Great Depression, the New Deal, and World War II.

HIST 4613 Recent America, 1945-Present
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
The Cold War, Korea and Vietnam, the civil rights movement, the dissenting sixties, and presidential administrations since World War II.

HIST 4653 American Civil War and Reconstruction
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
Military history, weapons, tactics, strategy, and key campaigns; Reconstruction and its effects.

HIST 466V Seminar in American History
Variable credit

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.
Selected period or topic with extensive readings, acquaintance with original source material and class discussions. Not to exceed 3 hours credit per semester. Can be repeated for up to 9 hours credit.

HIST 4673 Mexico
3 credits: 3 hours lecture

Prerequisites: For history majors, HIST 3513; for non-majors, permission of the instructor.

Political, economic, and social developments in the history of Mexico from early civilizations through the modern era.

HIST 479V Independent Study in History
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

HIT Courses (Health Information Technology)

HIT 1023 Tech Law and Ethics in Healthcare
3 Credits: 3 hours lecture

An introduction to the organization, financing and delivery of healthcare services, and the organization and activities of multiple healthcare facilities. Preparation and responsibilities of healthcare professionals including the legal and ethical issues facing the industry. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 1033 Tech Medical Coding I
3 Credits: 3 hours lecture

Corequisites: HIT 1133 Medical Terminology or administrative approval

Basics of coding, exploration of coding manuals, examination of specialty areas such as cardiology, obstetrics/gynecology, radiology, pathology, and laboratory work. Application of principles with emphasis on coding symptoms, diseases, operations, and procedures. Keyboarding ability recommended. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 1043 Essentials of the Human Body
3 credits: 3 hours lecture

A systemic approach to introduce medical office professionals to the basics of the body's structure and function including the study of the mechanisms by which the body attempts to maintain and/or restore equilibrium or balance; fosters development of skills of observation necessary to assess, monitor, and report symptoms that result in malfunction in organs and/or body systems. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 1063 Tech Medical Office Procedures
3 credits: 3 hours lecture

Administrative practices and procedures used in a medical office setting. Use of custom designed software to complete appointment scheduling, posting procedures, insurance billing, and accounts receivable. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 1133 Tech Medical Terminology
3 credits: 3 hours lecture

Presents medical terminology through study of medical word roots, prefixes, suffixes, and combining forms that relate to pharmacology, oncology, radiology, nuclear medicine, and psychiatry. Focus on relationships among symptomatic, disease, and procedural terms. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2013 Tech Medical Transcription
3 credits: 3 hours lecture

Prerequisites: CFA 1103 and HIT 1133

Provides training in the transcribing of medical documents from recordings using current technology. Composition reinforcement enhances grammar, communication, and word mastery skills. Practice is provided using a reference manual to enhance skills. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2023 Advanced Medical Terminology
3 credits: 3 hours lecture

Prerequisite: HIT 1133

A continuation of medical terminology including advanced word roots, prefixes, suffixes and combining forms. Study of the basic principles of pathophysiology and pharmacology. In-depth study of disease processes, causes, diagnoses, and treatments. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2043 Tech Medical Coding II
3 credits: 3 hours lecture

Prerequisite: HIT 1033

Emphasis on the coding of procedures, supplies, and services. Application of principles and guidelines of diagnosis and procedural coding in the acute healthcare setting, outpatient healthcare setting, and the ambulatory and medical office billing setting. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2053 Tech Reimbursement Methodologies
3 credits: 3 hours lecture

Prerequisite: HIT 1063

Introduction to the process of filing claims using payer-specific rules and importance of information collection in the claim filing process. Covers major reimbursement systems in the U.S. Focuses on prospective payment system, third party payers, and billing and insurance procedures. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2083 Tech Electronic Health Records
3 credits: 3 hours lecture

Prerequisite: CFA 1103

Introduces students to the contents, use and structure of the health record including data and data sets. Relates these components to primary and secondary record systems and gives an overview of the legal and ethical issues applicable to health information. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2143 Tech Advanced Medical Coding

Prerequisite: HIT 2043

A continuation of Tech Medical Coding II including diagnostic and procedural coding. Emphasis on advanced coding concepts, case studies utilizing all coding systems, and AHIMA certification review. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HIT 2203 Tech Health Information Technology Practicum
3 Credits: 1 hour lecture and 6 hours practicum

Prerequisite: Successful completion of Health Information Technology Certificate, concurrent enrollment, or administrative approval

A faculty advisor, internship employer, and student develop and implement a work experience plan with specific learning objectives. Provides students with opportunities in the workforce environment to apply and enhance the knowledge and skill obtained in the Health Information Technology Program. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC Courses (Early Childhood Education)

HOEC 1063 Tech Introduction to Early Childhood Education
3 credits: 3 hours lecture

Overview of the field of early childhood care and education, history, current research, what constitutes best practice and quality environments and the interrelation of these concepts with inclusive settings. The course reviews professionalism in the field: ethics, the commitment to being a life-long learner, Arkansas's Early Childhood Professional Development System - the Registry and Spectrum, and laws and regulations regarding early care and education including those for early childhood special education. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC 1113 Tech Curriculum Development for Infants and Toddlers
3 credits: 3 hours lecture

Focuses on planning and implementing an enriching environment with appropriate interactions and activities for infants and toddlers including those with special needs, for the purpose of advancing all domains of growth and development. Competencies are based on goals developed by the National Association for the Education of Young Children for quality early childhood settings. Also included: particular information on the Quality Approval process and Accreditation for Infant and Toddler settings in Arkansas; Arkansas Frameworks for Infants and Toddlers; and CDA competences for the National Council on Professional Development's Infant and Toddler CDA credential. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC 2013 Tech Literacy and Language Arts for Early Childhood
3 credits: 3 hours lecture

In-depth study of language acquisition and emergency literacy skills to support and enhance development in speaking, listening, reading, and writing for children birth through pre-kindergarten. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees, Contact advisor for information regarding transferability.

HOEC 2023 Tech Math and Science for Early Childhood
3 credits: 3 hours lecture

In-depth study of mathematical intelligence and scientific processes to support and enhance development of ideas and concepts in these areas for children birth through pre-kindergarten. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees, Contact advisor for information regarding transferability.

HOEC 2033 Tech Child Care Practicum II
3 credits: 9 hours practicum

Prerequisites: ECED 1071 and ECED 1082

Planning, implementing, and evaluating directed experiences with children in group settings and with parents. Study of guidance techniques, interpersonal communication skills, observation and recording methods, problem solving techniques, and characteristics of quality childcare. Guidelines for portfolio development. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC 2073 Tech Child Guidance
3 credits: 3 hours lecture

Study of goals of guidance, direct/indirect guidance observation guidelines/interpretation, conflict between children, reasons for problem behavior, times of behavioral stress, techniques for dealing with misbehavior, and discipline alternatives. Guidelines for establishing and enforcing rules in the child care setting. Techniques to promote self-direction/control by the child. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC 2143 Tech Childcare Program Planning
3 credits: 3 hours lecture

Types of childcare programs and characteristics of each. Steps in planning a childcare program and design of a program plan for student's specialty area, analysis of quality indicators of childcare programs. Lesson planning, instructional techniques, assessment techniques, facility management, scheduling, curriculum implementation, motivation of staff and children, involvement of parents, community resources, use of technology and evaluation of program components. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees, Contact advisor for information regarding transferability.

HOEC 2153 Tech Child Development
3 credits: 3 hours lecture

Study of ages/stages of development, developmental areas, heredity and environmental influences on child growth and development, basic needs of children, developmental disabilities, and personality differences. Stimulation activities to promote language development, motor development, and socialization/self-esteem. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOEC 2173 Tech Children With Special Needs
3 credits: 3 hours lecture

Introduction to understanding and accommodating young children with special needs in group settings. Includes an introduction to the nature of specific disabilities, useful teaching strategies, planning and intervention issues in daily activities, and an approach to working with parents, para-educators, and specialists. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HORT Courses (Horticulture)

HORT 2443 Principles of Horticulture
3 credits: 2 hours lecture, 2 hours laboratory

NOTE: Extended field trips required in addition to regular lab hours. Principles of growth, fruiting habits, propagation, production, handling, and culture of horticulture plants.

HORT 4663 Vegetable Crops
3 credits: 2 hours lecture, 2 hours laboratory

Principles underlying methods of vegetable crop production and handling related to yield and quality of the product.

HORT 479V Independent Study in Horticulture
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

HOSP Courses (Hospitality Services)

HOSP 1013 Hospitality, Travel, and Tourism
3 credits: 3 hours lecture

A survey of the hospitality industry, comprising food, lodging, tourism, and recreation. Includes structure, nature and operating characteristics of these sectors. Provides thorough, current knowledge of the principles and practices of the industry and its economic, social, cultural, and environmental impacts. Opportunities, responsibilities, concerns, and ethics of a career in hospitality, travel and/or tourism. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1022 Safety and Sanitation
3 credits: 3 hours lecture

Principles of sanitation, cleaners/sanitizers, sanitary equipment and sanitary control facility design in lodging and food processing operations. Upon successful completion students will be prepared to earn ServSafe™ national certification, a prerequisite for employment in most food service businesses. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1033 Customer Service Relations
3 credits: 3 hours lecture

Through the use of technology, students will learn to evaluate information that will attract and retain customers, provide customer satisfaction, and apply principles and processes to meet customers' expectations. Students will learn to use business procedures to produce successful customer interactions and business outcomes. Emphasis will be placed on examining the uses of various types of communication skills, preparing policies and procedures, and explaining processes for managing customer relations. Key ethical procedures that protect customers and company interests will be stressed. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1043 Introduction to Hospitality Operations
3 credits: 3 hours lecture

History and development of the hospitality industry which comprises food, lodging, tourism, and recreation. An introduction to principles and concepts in the service industry and career opportunities in the field. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1054 Basic Food Preparation
4 credits: 2 hours lecture, 6 hours lab

Prerequisite or Corequisite: HOSP 1022

Principles, techniques and theories of food production including the introduction, use, and selection of equipment. A variety of cooking methods and techniques using commercial food production tools and equipment including basic knife skills. Sanitation and safety principles are reinforced. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1063 Principles of Lodging Operations
3 credits: 2 hours lecture, 3 hours lab

Basic knowledge and procedures involved in the areas and departments representative of lodging operations. Includes other lodging services topics such as salesmanship, reservation and registration procedures, loss prevention, security, facilities, and grounds. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1082 Internship in Hospitality Services
2 credits: 6 hours lab

Prerequisites: Student must complete all courses in the HOSP curriculum to enroll in this course.

A faculty advisor, internship employer, and student develop and implement a work experience plan with specific learning objectives. A minimum of 90 contact hours is required. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HOSP 1094 Culinary Fundamentals
3 credits: 2 hours lecture, 3 hours lab

Corequisite: HOSP 1022 or administrative approval

Principles, techniques, and theories of food production. Reinforces a variety of cooking methods and techniques as well as sanitation and safety principles using commercial food production tools and equipment. Explore nutrition and dietetics related to culinary studies and food preparation. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HOSP 1103 Culinary Preparation and Presentation
3 credits: 2 hours lecture, 3 hours lab

Corequisite: HOSP 1022 or administrative approval

Principles, techniques, and theories of food production as related to the professional kitchen with added emphasis on creative presentation. Reinforces a variety of cooking methods and techniques as well as sanitation and safety principles using commercial food production tools and equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HOSP 1113 Principles of Baking
3 credits: 2 hours lecture, 3 hours lab

Corequisite: HOSP 1022 or administrative approval

Designed to cover principles and practices of baking, pastry arts, and identifying baking ingredients and equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Consult advisor for more information regarding transferability.

HTM Courses (Hospitality and Tourism Management, Technical)

HTM 2112 Catering & Events Planning
2 credits: 1 hour lecture, 3 hours lab

Course provides students with information related to comprehensive studies in the field of catering and special events. This course addresses the broad spectrum of professional catering, from accounting and marketing basics to multicultural etiquette and management skills. This course is a guide for general hospitality professionals, aspiring caterers and event planners using the latest technological planning tools.

HTM 2113 Hospitality Management
3 credits: 3 hours lecture

Management concepts to enhance hospitality operations including communication, customer service, teamwork, conflict management, staffing and scheduling, and productivity. Students preparing for a supervisory role in the hospitality and tourism industry will explore leadership, management and supervisory theories and applications. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

HTM 2133 Advanced Tourism Planning
3 credits: 3 hour lecture

This course provides students with information related to comprehensive studies and information on tourism and planning. Tourist regions and geographic concentrations will be explored and analyzed using multi-level regional networks of tourism places built according to tourists' mobilities. Regional tourist sites will be explored and visited during this class.

HTM 2143 Recreation, Leisure & Gaming
3 credits: 3 hour lecture

This course will feature a detailed introduction to the history, development, and current trends in recreation, leisure and gaming as they relate to the hospitality, travel and tourism industry. The focus of the course will be on the challenges and opportunities in recreation, leisure and gaming that impact the industry including dramatic demographic changes, new technologies, and innovations in contemporary areas.

HVAC Courses (Heating, Ventilation, Air Conditioning, Technical)

HVAC 1014 Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) Fundamentals
4 credits: 3 hours lecture, 3 hours lab

Introduction to the heating, ventilation, air conditioning, and refrigeration industries and related occupations.

HVAC 1022 HVAC Tubing and Piping
2 credits: 1 hour lecture, 3 hours lab

Introduction to piping material and fabrication, pipe sizing and troubleshooting, sheet metal, airflow principles/duct design, and mechanical and electronic filtration.

HVAC 1033 HVAC Schematics
3 credits: 3 hours lecture

Prepares students to draw and interpret standard electrical schematics, construction blueprints, machine drawings, piping, and welding diagrams as they pertain to the heating, ventilation, air conditioning, and refrigeration industry.

HVAC 1044 Electricity & Control Wiring
4 credits: 3 hours Theory, 3 hours lab

A study of electricity as required by Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R). Includes proper use of test equipment, electrical circuits, motor controls, component theory and operation. Presents a practical approach to components and devices used in industrial settings.

HVAC 2013 Heating Technology
3 credits: 2 hours lecture, 3 hours lab

Prerequisites: HVAC 1014; HVAC 1022; HVAC 1033; HVAC 1044

Covers the fundamentals of electric, gas, oil, and hydronic heating systems. Topics include safety, tools and instrumentation, system operating characteristics, installation techniques, efficiency testing, electrical power, and control systems.

HVAC 2024 Refrigeration Principles
4 credits: 2 hours lecture, 6 hours lab

Prerequisites: HVAC 1014; HVAC 1022; HVAC 1033; HVAC 1044; MAT 2213 or approval of administration

Introduction to the refrigeration cycle, basic thermodynamics, heat transfer, temperature/pressure relationship, refrigeration containment, and mechanical components of vapor compression cycle systems. Also covered will be environmental legislation as applied to EPA Section 608 of the Clean Air Act of 1990.

HVAC 2034 Air Conditioning Systems
4 credits: 3 hours lecture, 3 hours lab
Prerequisites: HVAC 1014; HVAC 1022; HVAC 1033; HVAC 1044; MAT 2213 or approval of administration
Corequisites: HVAC 2024; HVAC 2013
Introduction to cooling systems, absorption refrigeration, desiccant cooling, air distribution and balance, residential energy auditing, all-weather systems (air source and geothermal), installation, and troubleshooting. Topics include calculating heat gains and heat losses, operation, maintenance, and troubleshooting domestic appliances, commercial air conditioning and chilled water systems.

HVAC 2042 HVAC Troubleshooting & Certification
2 credits: 1 hours lecture, 3 hours lab
Prerequisites: HVAC 2024; HVAC 2013; HVAC 2034
An advanced course in application of troubleshooting principles and use of test instruments to diagnose air conditioning, heating, and refrigeration components and system problems to include conducting performance tests.

IPP Courses (Industrial Plant Processes, Technical)

IPP 1103 Industrial Plant Processes
3 credits
Prerequisite: MAT 2213 or higher-level mathematics course or permission of administration
Advanced process control systems found in industrial plants including science fundamentals, properties of matter, technical math, heat, process dynamics, electrical energy, reading diagrams, and introductory chemistry. Serves as a foundation of technical knowledge in the function and operation of specific pulp/papermaking operations and equipment. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

IPT Courses (Industrial Production Technology)

IPT 1013 Introduction to Manufacturing
3 credits: 3 hours lecture
Introduction to traditional and advanced manufacturing. Students will be exposed to a variety of manufacturing concepts including controlling production, resource planning, value chain management, and professional roles in manufacturing. Technology categories in manufacturing studied include material properties and surfaces; additive and precision manufacturing; robotics and adaptive automation; "next generation" electronics; bio-manufacturing; design and management of distributed supply chains; and green sustainable manufacturing.

IPT 1022 Industrial Safety for Manufacturing
2 credits: 2 hours lecture
This course covers industrial safety in a manufacturing workplace, unsafe conditions and corrective actions, cost of accidents, basic factors of accident control, and implications of state and federal regulations. The course will introduce OSHA standards relating to personal protective equipment (PPE), hazardous materials (HAZMAT) communication, confined spaces, tool and electrical safety, emergency response, lockout/tagout, and other safety enhancing workplace practices while emphasizing the personal responsibility of safety. CPR and Basic First Aid Training are included in this course.

IPT 1043 Industrial Plant Processes
3 credits: 3 hours lecture
This course provides an overview of processes necessary to operate modern industrial plants of various types. Areas covered are basic concepts of five branches of chemistry: organic, inorganic, analytical, biochemistry, and physical chemistry that explain the properties of matter, chemical bonding, reactions, and chemical formulas and equations. Various properties, laws, and processes of physics including machines, friction, forces, work, power, energy, heat, gravity, sound, light, electricity, and efficiency as they apply to modern mills and plants will be studied.

IPT 1053 Electricity for Manufacturing
3 credits: 2 hours lecture; 3 hours lab
This course is an introduction to electricity, electrical components and their characteristics, and power sources that production operators routinely encounter on a manufacturing line. Topics include how to safely run, identify, and troubleshoot electrical components.

IPT 1063 Manufacturing Equipment Maintenance & Operation
3 credits: 2 hours lecture; 3 hours lab
This course is an introduction to the basic concepts of manufacturing and operation of machine tools. The course covers mechanical energy transmission concepts along with lab experiences to operate, install, analyze performance, and design basic mechanical transmission systems using chain drives, belts, conveyors, couplers, gears, bearings, sprockets, speed reducers, and lubrication. Topics covered include proper use of layout and measuring tools, setup and operation of machine tools to industry standards, and calculating the proper feeds and speeds to accurately and efficiently produce a manufactured part. Participants will learn the fundamental principles of safe mechanical work practices, methods of maintaining and troubleshooting mechanical plant equipment, and the competencies needed to recognize and report part conditions.

IPT 1073 Print Reading, Tolerancing, & Precision Measurement
3 credits: 3 hours lecture

This course teaches drafting and blueprint reading procedures, alphabet of lines, auxiliary views, assembly drawings, title blocks, drawing changes, and standard symbols. Covers interpretation of dimensions, tolerances, and geometric aspects of blueprints. Explains Geometric Dimensioning and Tolerancing (GD&T) symbols and their meanings. Teaches ability to use precision and semi-precision instruments to inspect part dimensions, correctly perform functional test requirements and calibration checks.

IPT 1522 Professional Behaviors
2 credits: 2 hours lecture

Course covers work ethic that supports and promotes successful employment and career development in manufacturing settings. Topics include attendance (being present and fulfilling responsibilities on time, everyday); initiative (starting jobs and tasks independently and on time); diligence (executing tasks to the finish with high quality results); interpersonal relations (getting along with others); teamwork (effectively working with others in a team); and communication (professionally and effectively communicating both verbally and in writing). NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

IPT 1923 Advanced Manufacturing Applications
3 credits: 3 hours lecture

Prerequisite: IPT 1013

A continuation of Introduction to Manufacturing covering theories in manufacturing management and process optimization including advanced problem solving and trouble-shooting techniques concentrating on sustained manufacturing performance and reduced down time, cost control, and quality standards. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

MAED Courses (Mathematics Education)

MAED 2243 Fundamental Geometric Concepts
3 credits: 3 hours lecture

Prerequisite: MATH ACT 19 or greater (or equivalent from another placement exam) or MATH 183 with a grade "C" or above and completion of MATH 1003 or MATH 1103 with a grade of "C" or above.

NOTE: This course cannot be used to satisfy General Education requirements or for credit toward a Mathematics major or minor.

Topics in plane and solid geometry appropriate for elementary and middle school including measurement, construction, and the use of manipulatives and technology.

MAED 3553 Number Systems
3 credits: 3 hours lecture

Prerequisite: MATH ACT 19 or greater (or equivalent from another placement exam) or MATH 183 with a grade "C" or above and completion of MATH 1003 or MATH 1103 with a grade of "C" or above.

NOTE: This course may not be used to satisfy General Education requirements or for credit toward a Mathematics major or minor.

Development of real number system and basic concepts of probability and statistics.

MAED 3563 Geometric Investigations
3 credits: 3 hours lecture

Prerequisites: MATH 1003 and MATH 1043 with a grade of "C" or above in each

NOTE: This course cannot be used to satisfy General Education requirements or for credit toward a mathematics major or minor.

Activities leading to the development of conjectures of important elementary geometry theorems and to an understanding of some fundamental concepts of measurement.

MAED 4663 Methods of Teaching Mathematics
3 credits: 3 hours lecture

Corequisite: MATH 3423

Methods and strategies of mathematics instruction at the secondary level.

MANF Courses (Manufacturing, Technical)

MANF 1032 Quality Management
2 credits: 2 hours lecture

This course is designed to introduce prospective and/or incumbent workers to the importance of quality management policies and procedures in order to achieve the production of quality goods and services that consistently meet or exceed customer expectations. Practices and concepts covered in the course that contribute to quality management include communication, lean manufacturing, reliability, problem solving, teamwork, initiative, and interpersonal relations. Work organization methodologies such as the 5S method will be studied as well as other popular concepts such as Total Quality Management (TQM) and Market-Based Management® which stress customer satisfaction and continuous improvement.

MANF 2013 Circuits & Controls for Manufacturing
3 credits: 2 hours lecture; 3 hours lab

Prerequisites: IPT 1053; IPT 1022; MAT 2213

This course involves the practical application of fundamentals learned in prerequisite classes. Topics covered in this class are operation of transformers, motor controls and wiring, troubleshooting of electrical circuits, sequencing and control applications, and power distribution systems.

MANF 2023 Fluid Control for Manufacturing
Prerequisites: IPT 1022; IPT 1063; IPT 1073; MAT 2213
3 credits: 2 hours lecture; 3 hours lab

This course is designed to provide the basic knowledge and application of moving fluids by means of hydraulic and pneumatic power. Studies will include pumps, cylinders, valves, motors, accumulators, reservoirs, filters, and compressors, design, assembly, graphic symbols, and the operation of the hydraulic and pneumatic control circuits based on logic principles. Students will develop skills related to laws governing gases and how these laws effect fluids and equipment in manufacturing.

MANF 2034 Industrial Automation for Manufacturing
4 credits: 23 hours lecture; 3 hours lab

Prerequisites: CFA 1103 or higher level computer course; IPT 1022; MAT 2213

Introduction to the basic operation of industrial automation and robotics including principles and practice of programming industrial manipulators and computer numeric control machines to include safety, power-up, shutdown, manual operation, homing, movement, and effector operation. Topics covered include system hardware components, coordinate systems, positional representation and control, pendant programming, and I/O interfacing.

MANF 2042 DC Equipment and Controls
2 credits: 1 hours lecture; 3 hours lab

Prerequisites: IPT 1053; IPT 1022; MAT 2213; MANF 2013

This course is designed to study applications for manufacturing environments utilizing D.C. motors and D.C. controllers. Included in this class will be motor controller design, hookup, and troubleshooting.

MANF 2053 Environmental Protection Systems
3 credits: 3 hours lecture

Prerequisites: IPT 1043; IPT 1022

This course will provide an introduction to the problems created by pollution, the processes manufacturing companies can use to control these emissions, an overview of the regulations that mandate pollution control, and a brief historical overview of environmental issues as well as future trends.

MANF 2063 Industrial Motors & Motor Controls
3 Credits: 2 hours lecture; 3 hours lab

Prerequisites: IPT 1053; IPT 1022; MAT 2213; MANF 2013

This course prepares the individual to test and properly connect various types of single-phase and three-phase industrial electrical motors including the proper starting and running protection for the installations. This course involves wiring and programming variable frequency drive units to run electrical motors.

MANF 2073 Programmable Logic Controls for Manufacturing
3 credits: 2 hours lecture; 3 hours lab

Prerequisites: MANF 2013

This course is a study of programmable logic controllers (PLCs) including ladder logic interfacing of sensors, actuation devices, and drives. This course will cover analyzing specified machine processes and determine PLC input and output requirements needed for proper process control as well as connecting appropriate sensors and drive mechanisms to interface PLC control with a machine process. Creating and preparing a program for a given machine process that incorporates both automatic and single-step modes of operation and entering a PLC program that demonstrates the proper operation of the process will be taught.

MAT Courses (Mathematics)

MAT 1203 Technical Mathematics
3 credits: 3 hours lecture

Develops competencies in fractions, decimals, percentages, measurements, tables, graphs and calculator using, factoring, exponents, solution of linear and quadratic equations, arithmetic of rational expressions, basic algebraic applications, and graphing. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

MAT 2213 Advanced Industrial Mathematics
3 credits: 3 hours lecture

Prerequisite: MATH ACT of 16, C or above in MATH 143, completion of MAT 1203 Technical Mathematics, or satisfactory performance of placement test. Covers number systems including decimal, binary, hexadecimal and place value notation, algebraic notations, expressions, geometric and trigonometric functions, angles, laws of sine and cosine. A limited review of fractions, decimals, percents, ratios, proportions, tables, and graphs is presented. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

MATH Courses (Mathematics)

NOTES:

1. Students whose ACT mathematics scores fall below 19 will be assigned to a developmental mathematics course

2. Students must receive a grade of "C" or above to satisfy the prerequisite for a mathematics course.

3. Students receiving a grade of "C" or above in any mathematics course will not be permitted to enroll for credit in any course which is a prerequisite.

4. Students who wish to enroll more than three times in a specific mathematics course other than MATH 143, Introduction to Algebra, must repeat the prerequisite for the course. Exceptions to this must be approved by the Mathematics Review Committee.

MATH 102 Quantitative Literacy with Review Lab

Corequisite: MATH 1103 Quantitative Literacy with Review
Supplemental instruction, including remediation, for those enrolled in Quantitative Literacy with Review.

MATH 143 Introduction to Algebra

3 credits: 3 hours lecture

A review of basic arithmetic operations and algebraic operations. Topics covered include the arithmetic of fractions and decimals, algebraic manipulations of polynomials, linear equations, and factoring. This course cannot be used to satisfy General Education requirements or for credit toward a Mathematics major or minor.

MATH 183 Intermediate Algebra

3 credits: 3 hours lecture

Prerequisite: MATH 143 or satisfactory performance on a placement test
This course is designed to prepare students to take a college level mathematics course. Topics covered will include factoring, exponents, solution of linear and quadratic equations, arithmetic of rational expressions, basic algebraic applications, and graphing. This course cannot be used to satisfy General Education requirements or for credit toward a Mathematics major or minor.

MATH 1003 Quantitative Literacy

A.C.T.S. Equivalent Course # MATH 1113

3 credits: 3 hours lecture

Prerequisite: MATH 183 or satisfactory performance on a placement test
NOTE: This course cannot be used for credit toward a Mathematics major or minor.
Techniques of problem solving, topics from set theory, number theory, logic, consumer mathematics, and probability and statistics.

MATH 1033 Trigonometry

A.C.T.S. Equivalent Course # MATH 1203

3 credits: 3 hours lecture

Corequisite: MATH 1043
Definition of the trigonometric functions, solution of right and oblique triangles, trigonometric equations, and identities.

MATH 1043 College Algebra

A.C.T.S. Equivalent Course # MATH 1103

3 credits: 3 hours lecture

Prerequisite: MATH 183 or satisfactory performance on a placement test
Functions, graphs, quadratic functions, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations, applications of algebra, matrices, and the binomial theorem.

MATH 1073 Compact Calculus

A.C.T.S. Equivalent Course # MATH 2203

3 credits: 3 hours lecture

Prerequisite: MATH 1175 or MATH 1043
NOTE: For those not planning to take MATH 2255: this course cannot be used for credit toward a Mathematics major or minor.
Limits, continuous functions, the derivative and integral with applications.

MATH 1103 Quantitative Literacy with Review

A.C.T.S. Equivalent Course # 1003

3 credits: 3 hours lecture

Prerequisite: ACT Math score of 16 or higher, a Compass Math score of 21 or greater, a grade of C or better in MATH 0143 Introduction to Algebra, or satisfactory score on a departmental placement exam.
Corequisite: Enrollment in Quantitative Literacy with Review Lab
A general-education class which focuses on techniques of problem solving, topics from set theory, number theory, logic, consumer mathematics, and probability and statistics.

MATH 1143 College Algebra with Review
A.C.T.S. Equivalent Course # MATH 1103
3 credits: 5 hours lecture
Prerequisites: MATH ACT of 19, C or above in MATH 183 or satisfactory performance on a placement test
Designed for those with a MATH ACT of 19-21, students who previously failed MATH 1043, or students that need a slower paced course. The course content is the same as MATH 1043 College Algebra.
Functions, graphs, quadratic functions, polynomial functions. Rational functional, exponential and logarithmic functions, systems of equations, applications of algebra, matrices, and the binomial theorem. Some topics from Intermediate Algebra, MATH 183, may be reviewed as needed.

MATH 1175 Precalculus
A.C.T.S. Equivalent Course # MATH 1305
5 credits: 5 hours lecture
Prerequisite: A score of 22 or higher on the Math ACT or MATH 183 with a grade of "B" or higher
Provides the necessary background for students planning to take Calculus I or Compact Calculus. Topics include: problem solving; polynomial, rational, exponential, logarithmic, and trigonometric functions; parametric equations; and, as time permits, linear systems. Preferred prerequisite for students planning to take calculus.

MATH 2255 Calculus I
A.C.T.S. Equivalent Course # MATH 2405
5 credits: 5 hours lecture
Prerequisites: MATH 1175 or MATH 1033 and MATH 1043
Limits, derivatives, rates of change, integrals, and applications of both derivatives and integrals.

MATH 2333 Introduction to Mathematical Reasoning
3 credits: 3 hours lecture
Pre/Corequisite: MATH 1033 (ACTS# 1203)
Focus on mathematical reasoning and techniques used in writing mathematical arguments. Involves understanding the structure of common proof formats, reading proofs to gain deeper understanding of mathematical methods, studying common mathematical logic statements and proof techniques, and developing and justifying mathematical proofs. Topics will be underscored with concrete examples to help with transitioning into a proof-based course.

MATH 2343 Introduction to Statistics
3 credits: 3 hours lecture
Prerequisite: MATH ACT 21 or greater or successful completion of a 1000-level mathematics course.
An introductory statistics course that uses modeling as a unifying framework for much of statistics. Provides a foundation in statistics with a major emphasis on constructing models from data. Students will learn to think critically about data, produce meaningful graphical and numerical summaries of data, apply probability models, and utilize statistical inference procedures using computational tools.

MATH 3233 History of Mathematics
3 credits: 3 hours lecture
Prerequisite: MATH 2255
The history of mathematics as concerned with the origins, philosophy, and development of the mathematical sciences. The chronological development of mathematics from its use in primitive cultures to the present day.

MATH 3403 Probability and Statistics
3 credits: 3 hours lecture
Prerequisite: MATH 2255
Finite sample spaces, counting techniques, distributions, measures of variability, sampling theory, curve fitting, and regression analysis. Fall offering in odd-numbered years.

MATH 3413 Number Theory
3 credits: 3 hours lecture
Prerequisite: MATH 2255
Basic properties of number system, congruences, divisibility, and prime numbers. Offered: Fall, even-numbered years.

MATH 3423 College Geometry
3 credits: 3 hours lecture
Prerequisite: MATH 2255
Logic and Euclidean geometry. Required of all prospective secondary mathematics teachers.

MATH 3453 Abstract Algebra
3 credits: 3 hours lecture
Prerequisite: MATH 2333 and MATH 2255
An introduction to the study of algebraic structures including groups, rings, and fields. Offered: Fall, odd-numbered years.

MATH 3463 Linear Algebra
3 credits: 3 hours lecture
Prerequisite: MATH 2255
The algebra of finite dimensional vector spaces, linear transformations, eigenvalues, and eigenvectors. Spring offering in even-numbered years.

MATH 3483 Mathematical Modeling
3 credits: 3 hours lecture
Prerequisites: MATH 3495 and a programming course
A study of selected topics which demonstrate the interaction of mathematics with real-world problems.

MATH 3495 Calculus II
5 credits: 5 hours lecture
Prerequisite: MATH 2255
Applications of integrals, sequences, series, and vector analysis. Offered: Fall only.

MATH 3513 Discrete Mathematics
3 credits: 3 hours lecture
Prerequisite: MATH 2255
Algorithms, elements of graph theory, Boolean algebra, and combinatorics.

MATH 3523 Differential Equations
3 credits: 3 hours lecture
Prerequisite: MATH 3495
First-order differential equations, linear differential equations, Euler's method, separation of variables, exact differential equations and Laplace transforms. Offered: Spring, odd-Numbered years.

MATH 3545 Calculus III
5 credits: 5 hours lecture
Prerequisite: MATH 3495
Functions or more than one variable, multiple integrals, vector calculus, applications of functions of more than one variable, multiple integrals, and vector calculus. Offered: Spring only.

MATH 4003 Advanced Calculus
3 credits: 3 hours lecture
Prerequisite: MATH 3495
A study of real valued functions including sequences and series, Cauchy sequences and completeness, supremum and infimum concepts, uniform convergence, proofs of classical theorems and basic set theory.

MATH 465V Mathematics Reading and Research
Variable credit
Prerequisites: Junior or Senior standing and permission of the School Dean.

MATH 4711 Mathematics Seminar
1 credit: 1 hour lecture
Prerequisite: Junior or Senior mathematics major or minor
Students give oral and written presentations based on laboratory and/or library research. This course may be repeated for a maximum of two credit hours.

MATH 479V Independent Study in Mathematics
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

MGMT Courses (Management)

MGMT 3463 Leadership
3 credits: 3 hours lecture
Emphasis in behavioral aspects of leadership including leader characteristics, leader–follower interaction, and situational factors in leadership. Cases and exercises to improve individual leadership skills. Offered: Spring semester, odd numbered years.

MGMT 3423 Quantitative Methods
3 credits: 3 hours lecture
Prerequisites: CIS 2223 and ECON 2113
Applies quantitative methods to managerial decisions. Topics include mathematical programming, queuing theory, simulation techniques, network analysis, and decision theory. Stresses the managerial perspective and the use of and interpretation of computer solutions.

MGMT 3433 Entrepreneurship
3 credits: 3 hours lecture
Prerequisites: ACCT 2223, MGMT 3473, and MKT 3403
Introduction to small business operations, the characteristics of entrepreneurs, and the challenges and rewards of entrepreneurship. Students complete a simple business plan, or other group and individual projects. Offered: Spring.

MGMT 3453 Industrial Relations
3 credits: 3 hours lecture
Analysis of problems of labor; solutions through unionism, management, and government; labor laws. Offered: Fall, even numbered years.

MGMT 3473 Principles of Management
3 credits: 3 hours lecture
Examines planning, organizing, motivating, and controlling as they apply to managing a business organization. Stresses leadership, problem-solving techniques, and the coordination, communication, and human relations necessary for successful management. Offered: Fall, Spring, Summer.

MGMT 4613 Management Information Systems
3 credits: 3 hours lecture

Prerequisites: CIS 2223

Identifying the manager's responsibilities for efficient, effective management of the organization's information systems resources. Developing strategies for the successful discharge of these responsibilities. Offered: Fall, Spring.

MGMT 4633 Human Resource Management
3 credits: 3 hours lecture

Prerequisites: MGMT 3473

Provides students with an understanding of the principles, policies, and practices related to procurement, development, maintenance, and utilization of human resources. Offered: Spring.

MGMT 4643 Production/Operations Management
3 credits: 3 hours lecture

Prerequisites: ECON 2113

Principles and techniques of management in organizing, planning, controlling the operations of the firm (either production and/or service oriented). The topics will be: design decisions relating to capacity planning, product design, layout of facilities, and selecting locations for facilities; operating decisions relating to quality assurance, scheduling, inventory management, and project management. Class will periodically meet in the computer lab. Students will use computer software packages to solve problems. Offered: Fall, Spring.

MGMT 4653 Strategic Management
3 credits: 3 hours lecture

Prerequisites: GB 3353, MKT 3403, FIN 3473, MGMT 3473, and completion of 100 hours or instructor's permission

Introduction to the theory and practice of strategic management. Covers internal and external analysis, competitive dynamics, international strategy, diversification and related issues, strategic leadership and governance, and implementation and control. Offered: Fall, Spring.

MGMT 4663 Organizational Behavior and Theory
3 credits: 3 hours lecture

Prerequisites: MGMT 3473

Focuses on the dynamics of human behavior in business organizations, with concentration on problems of motivation and leadership. Emphasis is on the behavior and performance of individuals and groups within organizations. Offered: Fall.

MGMT 4673 Global Organizational Behavior and Theory
3 credits: 3 hours lecture

Prerequisites: MGMT 3473

Cultural and social differences among major regions of the world and how they affect management practice. Problems of organization structure, motivation, leadership, HRM, and others are addressed. Extensive use of cases and in-class exercises; course project included. Offered: Spring semester, even numbered years.

MGMT 4693 New Venture Development
3 credits: 3 hours lecture

Prerequisite: MGMT 3473 and MKT 3403

Issues, concepts, and problems of developing a new venture, including financing, planning, and legal form of organization. Analysis of competitors, market feasibility, economic conditions, and other factors. Lectures, case analyses, and projects. Offered: Fall, odd-numbered years.

MGMT 479V Independent Study in Management
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

MGT Courses (Management)

MGT 2103 Tech Quality Management
3 credits: 3 hours lecture

Explores principles, tools and issues related to total quality management. Includes basic statistical tools, principles of customer focus, teamwork, empowerment, leadership, and incorporating quality into a manufacturing environment based on teachings of Deming, Juran, et.al. Includes Six Sigma principles, design, philosophy, concepts, and techniques. The Body of Knowledge (BOK) required for ASW Certification as Certified Quality Manager is covered. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

MKT Courses (Marketing)

MKT 3403 Principles of Marketing
3 credits: 3 hours lecture

Principles and practices of marketing with emphasis on the composition and planning of a marketing strategy. Offered: Fall, Spring, Summer.

MKT 3443 Selling and Sales Administration
3 credits: 3 hours lecture

Basic principles of salesmanship, including hiring, training, compensating, and motivating a sales force. Offered: Spring.

MKT 3453 Marketing Communication
3 credits: 3 hours lecture
Prerequisite: MKT 3403
Promotional efforts available to marketing management. Advertising's role in marketing strategy; advertising as communication; media choice; coordination of total promotional effort; measurement of promotional effectiveness. Offered: Spring.

MKT 3463 Consumer Behavior
3 credits: 3 hours lecture
Prerequisite: MKT 3403
Theoretical and applied concepts of the behavior of consumers as they engage in the process of evaluating, acquiring, and consuming goods and services. Offered: Fall.

MKT 3483 Channels of Distribution
3 credits: 3 hours lecture
Prerequisite: MKT 3403
To survey, organize, and integrate the theories and practices relative to current problems of marketing channel management and its use as a key strategic marketing tool. Distribution is viewed as a functional area within the firm and its interface with channel intermediaries is analyzed. The course will examine the impact of the Internet and Web-based e-commerce on channels of distribution. Offered: Fall.

MKT 3503 Fashion Marketing
3 credits: 3 hours lecture
Principles and practices of marketing as applied to the fashion industry.

MKT 3513 International Marketing
3 credits: 3 hours lecture
Prerequisites: MKT 3403
An examination of International Marketing from a cultural and economic perspective with an introduction to the nature of international marketing and its components. Both cultural and secondary data analysis will be combined for a potential marketing opportunities and problems. Offered: Spring in years divisible by 3.

MKT 4473 Special Topics in Marketing
3 credits: 3 hours lecture
A special topics course covering subjects of current interest in marketing. Topics might include E-marketing, International Marketing, Services Marketing. May be repeated for multiple credit with different course content.

MKT 4623 Marketing Research
3 credits: 3 hours lecture
Prerequisites: MKT 3403 and GB 3233
Modern marketing research techniques and their application by management toward the determination of a marketing strategy. Offered: Fall.

MKT 4663 Marketing Management
3 credits: 3 hours lecture
Prerequisite: six hours of Marketing
Marketing from the managerial viewpoint; analysis of the functions of marketing planning, market opportunity assessment, and evaluating and adjusting marketing effort. Offered: Spring.

MKT 479V Independent Study in Marketing
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

MLED Courses (Middle Childhood Education)

MLED 3103 Programs and Practices for Middle Schools
3 credits: 3 hours lecture
Prerequisite: Licensure Degrees Admission to Teacher Education
Introduces the history of middle school/junior high, the middle-level concept, and current practices and trends of middle-level schools to pre-service teachers. Offered: Fall.

MLED 3113 Learning and Development of Early Adolescence
3 credits: 3 hours lecture
Prerequisite: Admission to Teacher Education for Middle Childhood Licensure majors; Passing scores on all parts of PRAXIS Core Exam for BSTL Majors
Provides the candidate with knowledge of the learning and physical characteristics of the 10-15 year old by developing appropriate learning and physical activities with a focus on health and wellness.

MLED 4513 Teaching and Learning in the Middle Grades
3 credits: 3 hours lecture
Prerequisite: Admission to Teacher Education for Middle Childhood Licensure majors
Designed to study advanced methods of instruction, review current research and case studies, and observe and practice components of the middle level concept. Offered Fall.

MLED 4523 Literacy Across the Curriculum
3 credits: 3 hours lecture

Prerequisite: Admission to Teacher Education for Middle Childhood Licensure majors; Passing scores on all parts of PRAXIS Core Exam for BSTL Majors
Designed to train candidates to incorporate literacy instruction across the content areas.

MLED 4603 Middle Level Clinical Internship I
3 credits: Clinical Practice

Prerequisite: Admission to Clinical Internship I for Middle Childhood Majors
Corequisite: Appropriate content methods courses offered in the major
Clinical practice provides opportunities for candidates to develop and demonstrate knowledge, skills and dispositions.

MLED 463V Middle Level Clinical Internship II
15 credits: Clinical Practice

Prerequisites: Completion of Clinical Internship I for Middle Childhood Majors
Clinical practice provides opportunities for candidates to develop and demonstrate knowledge, skills and dispositions.

MODL Courses (Modern Languages)

MODL 2303 Introductory Seminar in Foreign Language Studies
3 credits: 3 hours lecture

For students wishing to begin study of a language other than Spanish or French. Typically, work will include cultural or literary studies or political studies or a combination. May be repeated for credit in different languages.

MODL 3403 Conversational Language I - Study Abroad
3 credits: 3 hours lecture

This course allows the student to utilize the target language in a native setting and through total immersion. The student is exposed to the language while in class, with the host family, and during daily activities. This intensive oral practice is designed to improve listening comprehension, oral proficiency, and vocabulary in a natural language environment. Can be repeated when content varies for up to 12 credit hours.

MODL 3413 Conversational Language II - Study Abroad
3 credits: 3 hours lecture

For the student who has been abroad before, this course is a continuation of conversational skills, again, all done in the target language. The student works to further develop listening comprehension, oral proficiency, and more native vocabulary, like idiomatic and colloquial expression. The student again advances his/her language skills in a native environment and through total immersion. Can be repeated when content varies for up to 12 credit hours.

MODL 3423 Syntax of the Language - Study Abroad
3 credits: 3 hours lecture

This course allows the student the opportunity to study the target language's grammar and usage in a native setting through total immersion techniques. Each student is placed into the appropriate classroom with regard to his/her language ability, allowing further development of grammar and syntax skills in the target language. The grammar studies in class will complement the conversation skills obtained through the experience while abroad. Can be repeated when content varies for up to 12 credit hours.

MODL 443V Seminar in Foreign Language Studies
Variable credit

For students traveling abroad or taking intensive on-campus immersions in a foreign language. Typically, work will include cultural or literary studies or political studies or a combination. Can be repeated when content varies for up to 12 credit hours.

MODL 4903 Seminar in Teaching Foreign Language
3 credits: 3 hours lecture

Evaluation and critique of micro classroom teaching, history of academic discipline, philosophy development, test design and evaluation, and materials for on-site teaching.

MUS Courses (Music)

MUS 1023 Theory I
3 credits: 3 hours lecture

Prerequisites: MUS 1072 with a grade of "C" or above
Corequisite: MUS 1061
Study in the theory of Species Counterpoint, four-part choral writing, analysis of harmonic progressions, dominant sevenths, leading tone seventh, non-dominant seventh, modulation, secondary dominants and leading tones.

MUS 1033 Theory II
3 credits: 3 hours lecture

Prerequisite: MUS 1023 with a grade of "C" or above
Corequisite: MUS 1091
Study in the theory of chromatic harmony including borrowed chords, Neapolitan sixth chords, augmented sixth chords, ninth/eleventh/thirteenth chords, altered dominants and chromatic mediants. Composition in four-voice choral style. Instrumental and vocal arranging via computer-based notation systems.

MUS 1040 Recitals, Concerts, Productions
0 credit: Attendance at recitals, concerts and productions
NOTE: Recitals, Concert, Productions must be taken each semester in residence for a total of eight semesters. Course will be graded pass/fail.

All music majors are required to attend or participate in all divisional recitals plus an assigned number of major recitals, concerts, and productions each semester in residence. May be repeated.

MUS 1051 Piano Repertoire
1 credit: 1 hour lecture
Survey of keyboard literature from the Renaissance through the present.

MUS 1061 Ear Training and Sight Singing I
1 credit: 2 hours lecture
Corequisite: MUS 1023
Sight Singing and dictation of melody, harmony, and rhythm.

MUS 1072 Music Technology
2 credits: 1 hour lecture, 1 hour lab
Corequisite: MUS 1012 or instructor's permission
NOTE: Open to music majors and minors; other students may enroll only with the instructor's permission.
Music notation and printing on the computer. Study in page setup, click and MIDI entry, grouping, editing techniques, lyric entry, MIDI channel and instrument assigning, playback, Enigma Transportable Files.

MUS 1081 Piano Class (non-music major)
1 credit: 2 hours lecture
Beginning piano for non-music majors.

MUS 1091 Ear Training and Sight Singing II
1 credit: 2 hours lecture
Prerequisite: MUS 1061
Corequisite: MUS 1033
Sight Singing and dictation of melody, harmony, and rhythm.

MUS 1113 Music Appreciation
A.C.T.S. Equivalent # MUS 1003
3 credits: 3 hours lecture
Study of the major composers and representative compositions of the musical style periods.

MUS 1121 University Chorus
1 credit: 2 hours laboratory
NOTE: Mixed chorus which performs major choral/orchestral work each year. May be repeated.

MUS 1142 Piano Class I
2 credits: 2 hours laboratory
NOTE: Open to vocal and instrumental music majors who have had no previous piano study. Students must pass this course with a grade of "C" or above to take Piano Class II.
Fundamental skills of playing the piano.

MUS 1151 Dancing for Music Theatre
1 credit: 3 hours laboratory
Introduction and beginning level study of contemporary music theatre dance techniques, dance vocabulary, and stage movement.

MUS 1253 Acting in Musical Theatre I
3 hours credit: 3 hours lecture/lab
This course is designed to instruct students in the art of acting in musical theatre; to acquaint students with the actor's mode of thinking, creating, and working; and to introduce students to a program of exercise and practice for improving technique. Students will experience the creative act of performing a role, in both memorized and improvisational scenes.

MUS 1342 Piano Class II
2 credits: 2 hours laboratory
Prerequisite: MUS 1142 Piano Class I with a grade of "C" or above
NOTE: Open to vocal and instrumental music majors.
Melody harmonization, transposition, scales, major/minor chord drills, sight reading and repertoire.

MUS 2161 Jazz Improvisation I
1 credit
Prerequisite: MUS 1023
An introduction to jazz improvisation with particular emphasis on applications for the music educator/therapist.

MUS 2171 Jazz Combo I
1 credit
Prerequisite: MUS 3591, membership by audition or interview, may be repeated
A select group that performs traditional jazz music.

MUS 3181 Jazz Combo II
1 credit
Prerequisite: MUS 2171, membership by audition or interview, may be repeated
A select performance group for the advanced jazz improviser.

MUS 3192 Jazz Techniques for the Music Educator
2 credits
Prerequisite: MUS 2161
Course designed to prepare the future music educator for successful experiences in teaching jazz at the secondary level.

MUS 3311 Jazz Improvisation II
1 credit
Prerequisite: MUS 1033 and at least four semesters of Jazz Combo or four semesters of Jazz Ensemble or instructor's permission
An advanced study in jazz improvisation with particular emphasis on performing improvised solos while following more advanced jazz chord progressions.

MUS 3353 History of Jazz
3 credits
Prerequisites: two semesters of MUS 3591
An overview of Jazz development.

MUS 3363 Jazz Theory and Arranging
3 credits
Prerequisites: MUS 2223 and MUS 3311
In depth score study of jazz composition and study of the standard jazz literature.

MUS 2213 Theory III
3 credits: 3 hours lecture
Prerequisite: MUS 1033 with a grade of "C" or above
Corequisite: MUS 2231
Examination and analysis of form and compositional techniques including Binary form, Ternary form, Two-voice 18th century counterpoint, fugue, variation technique, sonata form, and rondo form. Advanced instrumental and vocal arranging via computer-based notation systems.

MUS 2223 Theory IV
3 credits: 3 hours lecture
Prerequisite: MUS 2213 with a "C" or above
Corequisite: MUS 2241
An examination of Romantic, Post-Romantic, Impressionistic, and 20th century styles and composition.

MUS 2231 Ear Training and Sight Singing III
1 credit: 2 hours lecture
Prerequisite: MUS 1091
Corequisite: MUS 2213
Advanced sight singing and dictation of melody, harmony, and rhythm.

MUS 2241 Ear Training and Sight Singing IV
1 credit: 2 hours lecture
Prerequisite: MUS 2231
Corequisite: MUS 2223
Advanced sight singing and dictation of melody, harmony, and rhythm.

MUS 2263 Acting in Musical Theatre II
3 hours credit: 3 hours lecture/lab
Prerequisite: MUS 1253
Acting in Musical Theatre II is a continuation of the theories and practices developed in MUS 1253.

MUS 2292 Diction for Singers
2 credits: 2 hours lecture
Prerequisites: MUS 1033 and MUS 1091
Introductory course for the singer dealing with the pronunciation of Italian, French, and German.

MUS 3322 Vocal Pedagogy
2 credits: 2 hours lecture/lab
Prerequisites: MUS 1033
A study of how the voice works, how to maintain good vocal health, and how to develop appropriate vocal technique in younger singers.

MUS 3133 Basic Musicianship
3 credits: 3 hours lecture
Introductory course in the basic components and fundamentals of music for the student with a limited musical background.

MUS 3273 Acting in Musical Theatre III
3 hours credit: 3 hours lecture/lab
Prerequisite: MUS 2263
This course is designed to help the student actor begin her/his career in theatre. The course will explore various audition techniques and will culminate with the student having developed a marketable package with which to enter into graduate school or go directly into the world of commercial theatre. This course will also include advanced scene study.

MUS 3333 History of the American Broadway Musical
3 credit hours: 3 hours lecture
This course is designed to give students a broad overview of the historical development of the American musical theatre, from its beginnings to the present time, and knowledge of the composers, lyricists, directors, choreographers, and producers who were important in its development.

MUS 3413 Analysis and Music Literature
3 credits: 3 hours lecture
Prerequisite: MUS 1033
A survey of music literature from the major historical periods including the analysis of harmonic structure and form of representative musical examples, and a discussion of musical elements and vocabulary.

MUS 3431 Instrumental Ensemble
1 credit: 2 hours laboratory
The study and performance of literature for instrumental ensembles May be repeated.

MUS 3441 Woodwind Class
1 credit: 2 hours lecture
A study of the instruments of the woodwind family with the objective of developing basic techniques for a comprehensive teaching knowledge.

MUS 3481 Brass Class
1 credit: 2 hours lecture
A study of the instruments of the brass family with the objective of developing basic techniques for a comprehensive teaching knowledge.

MUS 3491 Percussion Class
1 credit: 2 hours lecture
A study of the instruments of the percussion family with the objective of developing basic techniques for a comprehensive teaching knowledge.

MUS 3501 String Class
1 credit: 2 hours lecture
A study of the instruments of the string family with the objective of developing basic techniques for a comprehensive teaching knowledge.

MUS 3511 Chamber Choir
1 credit: 3 hours laboratory
Corequisite: Concert Choir
A select ensemble which performs works suitable for a 12- to 20-voice mixed chorus.

MUS 3563 History of Music I
3 credits: 3 hours lecture
Prerequisite: MUS 1033
History of music, for music majors and minors, from the Ancient World to the Baroque.

MUS 3573 History of Music II
3 credits: 3 hours lecture
Prerequisite: MUS 1033
History of music, for music majors and minors, from early 18th century to the present.

MUS 3583 Elementary Music Methods
3 credits: 3 hours lecture
Prerequisite: MUS 1033
NOTE: Open to music majors only
A study of theory, application, and contemporary materials and methods in general music for pre-K-6 in the public schools. Emphasizes the professional musician's role as a music specialist or music coordinator.

MUS 3591 Jazz Ensemble
1 credit: 3 hours laboratory
NOTE: Membership is by audition or interview. May be repeated.
The study and performance of jazz forms from Dixieland to fusion through the utilization of traditional big band instrumentation.

MUS 428V Music Theatre Workshop
Variable Credit
Prerequisite: audition for performing roles
NOTE: May be taken for a maximum of 2 hours per semester. May be repeated.
Course designed to give students experience in the techniques of acting, dancing, singing, set design and construction, lighting, costuming, and makeup while involved in a major theatre production.

MUS 4613 Secondary Instrumental Music Methods
3 credits: 3 hours lecture
Prerequisite: MUS 1033
A study of curriculum, rehearsal procedures, administration, public relations, marching band techniques, and junior and senior high school band methods.

MUS 4632 Piano Pedagogy
2 credits: 2 hours lecture
Prerequisite: MUS 1033
An examination of current methods, techniques, and literature for private piano instruction.

MUS 4671 Marching Band
1 credit: 5 hours laboratory
NOTE: Membership is by audition or interview. Only available during the fall semester. May be repeated.
This instrumental ensemble provides opportunities for development through military and corps-style show design and precision movement. Performances include football games and parades.

MUS 4691 Concert Choir
1 credit: 3 hours laboratory

NOTE: Membership by audition. May be repeated

A mixed chorus which provides opportunities for development of vocal, technical, and expressive skills through the study and performance of choral literature of varying styles from all historical periods. The Concert Choir tours in addition to the programs presented on campus and in the community.

MUS 4712 Instrumental Conducting
2 credits: 2 hours lecture

Prerequisite: MUS 1033

Specific conducting and rehearsal techniques for instrumental organizations. The course instruction will include techniques of 18th-century performance practice through 20th-century avant-garde style. Also included will be aspects of administration and supervision of public school wind programs.

MUS 4722 Choral Conducting
2 credits: 2 hours lecture

Prerequisite: MUS 1033

Specialized training in the practical aspects of choral conducting. Course includes study of choral rehearsal techniques, techniques of music research, choral literature, and preparation of a conductor's score. Lectures, listening assignments, and conducting instruction make up the basic class format.

MUS 4741 Concert Bands
1 credit: 6 hours laboratory

NOTE: Membership is open to all students by audition or interview. May be repeated.

The university concert bands perform on-campus performances and tour every other year. The instrumentation of the ensembles is variable and is set by the demands of the repertoire. Compositions performed range from full-band masterworks from the 18th and 19th centuries, to the more progressive works from the contemporary era.

MUS 4751 Wind Symphony
1 credit: 4 hours laboratory

Prerequisite: membership by audition

NOTE: May be repeated.

A select group of 40-45 instrumentalists that perform compositions from the repertoire of the modern symphony band. This ensemble presents on and off campus concerts.

MUS 4772 Seminar in Music Technology
2 credits: 1 hour lecture, 1 hour lab

Prerequisite: MUS 1072 or instructor's permission

Examination of various programs and classroom uses for computer-based sequencing and recording. Included are setup techniques, note entry, music editing, quantization, MIDI channel and track assignments, MIDI files, studio teaching applications and as an improvisation aid, computer-based recording and editing techniques. May be repeated for a maximum of 6 credit hours.

MUS 4783 Secondary Vocal Methods
3 credits: 3 hours lecture

Prerequisite: MUS 4722

Methods for the development of junior and senior high school vocal organizations.

MUS 479V Independent Study in Music
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

NA Courses (Nursing Assistant)

NA 1017 Nursing Assistant
7 credits: 5 hours lecture, 2 hours lab, 3 hours clinical

The Nursing Assistant (NA) course follows the mandated Nursing Assistant Program curriculum adopted in Arkansas. Emphasis is placed developing the knowledge and skills specific to nursing assistant duties. Classroom, applied lab, and clinical training in long-term health care facilities are included in this course. Students who successfully complete the NA Program are eligible to take the skills and written examination that leads to Arkansas State Certification. Those students who successfully become certified are placed on the State Registry as a Certified Nurse Assistant (CNA). NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NRM Courses (Natural Resources Management)

NRM 1001 Introduction to Natural Resource Management
1 credit: 1 hour lecture, 3 hours laboratory (8 week course)

Introduces the principles of good reasoning, critical thinking, structured decision-making, and problem solving in natural resource management. Addresses problems and questions that do not have an easy and definitive answer. Offered: Fall.

NRM 2023 Human Dimensions in Natural Resources
3 credits: 3 hours lecture

Foundations of human dimensions as it relates to natural resources and natural resource management. Includes the history, current trends, and future of human dimensions as a discipline. Stresses the management, leadership, and problem solving skills necessary to manage the human relations/natural resource interface. Offered: Spring.

NRM 2031 Soil Science Laboratory
1 credit: 3 hours laboratory

Prerequisites: MATH 1043 or MATH 2255 and CHEM 1103 and CHEM 1121
Identification and characterization of soils with emphasis on the recognition and quantification of soil properties that influence ecosystem functions and productivity. Offered: Fall.

NRM 2032 Wildlife Conservation and Management
2 credits: 2 hours lecture

Wildlife biology, ecology, conservation, laws, history, and management of wildlife in North America. Offered: Fall.

NRM 2033 Soil Science
3 credits: 3 hours lecture

Prerequisites: MATH 1043 or MATH 2255 and CHEM 1103 and CHEM 1121
Fundamentals of soil science with application to natural ecosystems. Origin, development and properties of soils related to ecosystem functions and productivity. Offered: Fall.

NRM 2042 Forest Inventory
2 credits: 1 hour lecture, 3 hours laboratory

Prerequisite: NRM 2082
Application and field practice of forest inventory techniques. Estimation of timber and non-timber forest resource attributes through prevailing inventory methods and statistics. Offered: Fall.

NRM 2052 Dendrology
2 credits: 1 hour lecture, 3 hours laboratory

Classroom and laboratory practice in the identification, nomenclature, classification, and ecology of both regional woody plants and North American conifers coupled with a field practicum. Twig, fruit, and cone characteristics and proper methods of building a leaf collection are examined. Offered: Fall.

NRM 2063 Natural Resources Communication
3 credits: 3 hour lecture

Development of essential communication skills, interpersonal skills, and professionalism with environmental and natural resources exemplars. Concepts, methods, and practices from communications, psychology, and natural resources management are emphasized. Offered: Spring

NRM 2073 Natural Resource Sampling and Monitoring
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisite: MATH 1043 or MATH 2255
Corequisite: MATH 1033
Theory and techniques for sampling various characteristics of a variety of natural resources and attributes of the environments in which they are found. Review of elementary statistics, specific applications of field sampling methods, and a variety of analysis techniques commonly used in ecology, wildlife management and forestry are examined. Offered: Spring.

NRM 2082 Applications in Natural Resource Sampling and Monitoring
2 credits: 6 hours laboratory

Prerequisite: NRM 2073
A hands-on approach to techniques for sampling various characteristics of a variety of natural resources, using various sampling methods, analytical techniques, and applications of the data. Offered: Summer.

NRM 2083 Environment and Society
3 credits: 3 hours lecture

Prerequisite: ENGL 1013
This course introduces students to the fundamental relationship between societies and the environments in which individuals live and use natural resources. The course will focus on the interdependence of societies and natural resources, their historic and contemporary influence on behaviors, policies, and economies, and the role natural resources conservation, sustainability, and management play in addressing social issues. Offered: Spring.

NRM 2093 Fire Management
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisite: MATH 1043
Fundamentals of fire behavior, the use of fire as a forest management tool, techniques for wildfire suppression, and the effects of fire on flora, fauna, soil, and water in Southern forest ecosystems are examined. Offered: Spring.

NRM 3032 Contemporary Natural Resources Issues
2 credits: 2 weeks during Summer Camp

Prerequisite: Junior standing
Introduction to major resource issues emphasizing field presentations of consumptive and nonconsumptive natural resource management themes in both pine and hardwood ecosystems. Two one-week field trips required. Offered: Summer I.

NRM 3053 Forest Ecology and Tree Ecophysiology
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisites: NRM 2033 and BIOL 2143, BIOL 2171 or BIOL 2153, BIOL 2161

Examination of the role of ecology and ecological concepts in forest management with emphasis on ecosystems, energy and nutrient cycling, population ecology, and community ecology. Relationships of tree growth and physiological processes as affected by the environment are explored. Offered: Fall.

NRM 3063 Biometrics in Natural Resources
3 credits: 3 hours lecture

Prerequisites: MATH 1043 and MATH 1033

Collection and analysis of data, probability, frequency distributions, measures of central tendency and dispersion, estimation of parameters, least squares, linear and nonlinear regression, chi-square, analysis of variance and covariance. Emphasis on hand- and software-based statistical computations. Offered: Spring.

NRM 3074 Silviculture
4 credits: 3 hours lecture, 3 hours laboratory

Prerequisites: NRM 2033, NRM 2073, NRM 2052 and NRM 3053 or BIOL 3484

Application of ecological principles in controlling forest establishment, composition, and growth. Detailed study of individual cultural treatments that maintain and enhance productivity of forest stands, and of regeneration methods whereby forest stands are harvested and renewed. Offered: Spring.

NRM 3083 Concepts in Watershed Management
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisites: NRM 2033 and NRM 2073

Review of the basic environmental characteristics and processes that control the movement, distribution, and quality of water resources. Studies current land management practices affecting water availability, aquatic communities, and pollutant generation. Examines assessment techniques, water monitoring procedures, best management practices and water resource policies. Offered: Spring.

NRM 3091 Forest Herbicides
1 credit: 1 hour lecture

Prerequisites: MATH 1043 and BIOL 2143

Herbicide classification, application, environmental degradation and effects on plant processes are examined. Offered: Spring.

NRM 3101 Methods in Wildlife Conservation and Management
1 credit: 3 hours laboratory

Prerequisite: Junior standing

Introduces standard tools and techniques used by wildlife biologists in the management and research of wildlife species. Special attention will be paid to understanding and utilizing quantitative methods related to wildlife management. Offered: Fall.

NRM 399V Special Topics
Variable credit

Prerequisite: Permission of the instructor, advisor, and the School Dean.

Topics vary in accordance with student needs. Presentation form may vary with each offering. Course may be repeated when different topics are presented. Offered: On demand.

NRM 4013 Natural Resource Economics
3 credits: 3 hours lecture

Prerequisites: MATH 1043 or MATH 2255 and ECON 2213 or ECON 2203, and Junior standing

Introduces students to free markets influence on natural resources, market failures effects on resource distribution and governmental intervention to correct for market failures. Offered: Fall.

NRM 4023 Wildlife Habitat Management
3 credits: 2 hours lecture, 1 hour laboratory

Prerequisite: Junior standing or permission of instructor

Overview of the philosophical perspective of habitat and habitat function with emphasis in management applications for wildlife habitat in upland and bottomland ecosystems. Examines habitat function, vertebrate habitat selection, disturbance ecology, silvicultural practices, desired future conditions, conservation planning, monitoring and adaptive resource management strategies. Offered: Spring.

NRM 4031 Registered Foresters Test Prep
1 credit: 2 hours laboratory

Prerequisites: permission of instructor

Preparation course for taking the Arkansas State Board of Registration for Foresters examination. This is an 8-week course that is taught in the second half of each semester. Course is open to students who are qualified to take the Arkansas State Registered Foresters Exam.

NRM 4043 Natural Resource Policy
3 credits: 3 hours lecture

Prerequisite: Senior standing

History and present status of natural resource-related policy in the U.S. Evolution of public and professional attitudes toward natural resources, major laws affecting management of public and private lands, policy-making processes, and professional ethics. Study of major policy issues affecting renewable natural resources and procedures for responding to those issues in management decision-making. Topics include individual and group involvement in natural resource planning, environmental issues, and regulation of forestry practices. Offered: Fall.

NRM 4053 Forest Management
3 credits: 3 hours lecture

Prerequisite: MATH 1043 or MATH 2255 and Junior standing

Integration of silviculture, finance, mensuration, and human dimensions in the understanding and development of stand-level and forest-level planning and management. Offered: Fall.

NRM 4063 Natural Resources Practicum
3 credits: 1 hour lecture, 6 hours laboratory

Prerequisites: BIOL 3384, ENGL 3253, NRM 3063 and NRM 4013

Integrated problem solving to apply biological, ecological, quantitative, economic, social, political, and administrative principles in solving natural resource management problems. Project development, financial analyses and final management plan presentations are conducted in this course. Offered: Spring.

NRM 4072 Wood Structure and Forest Products
2 credits: 1 hour lecture, 3 hours laboratory

Prerequisite: NRM 3074

Structure and properties (physical and mechanical) of wood; identification and uses of different species; forest products from wood, primary and secondary processing as well as residue utilization. Offered: Spring.

NRM 4084 Forest Health
4 credits: 3 hours lecture, 3 hours laboratory

Prerequisite: NRM 3074 or permission of instructor

Explores forest health issues within North America with particular emphasis on forests in the southern United States. Examines factors affecting forest health including insects, diseases, fire, flooding, wind, and ice/snow related damage. Offered: Spring.

NRM 4093 Applied Quantitative Wildlife Population Ecology
3 credits: 3 hours lecture

Prerequisite: Junior standing or permission of instructor

Application of ecology and population biology knowledge to the conservation and management of wildlife populations. Includes development of wildlife population models and spreadsheet models. Offered: Fall.

NRM 4103 Wetland Ecology and Management
3 credits: 2 hours lecture, 3 hours laboratory

Prerequisite: Junior standing or permission from the instructor

Explores hydrological and biogeochemical processes and wetland definitions, classifications, and delineation. Examines ecosystem services, wildlife and habitat, and ecosystem health of wetlands. Offered: Fall.

NRM 475V Advanced Topics
Variable credit

Prerequisites: Junior standing, permission of both the instructor and the School Dean

Lectures and discussions in selected forestry topics. Offered: On demand.

NRM 479V Independent Study in Natural Resources Management
Variable credit

Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description. Offered: On demand.

NUR Courses (Practical Nursing)

NUR 1002 PN Pharmacology
2 credits: 1 hour lecture, 2 hours lab

Prerequisite: Acceptance into PN Program

Properties, dosage, actions, interactions of drugs. System of weights and measures for drug administration. Formulas for dosage calculations. Medical symbols/abbreviations. Safety factors including simulated lab and to learn the limitations regarding dispensing medications. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1013 Tech Principles of Nutrition
3 credits: 3 hours lecture

A course of study covering nutrition and dietetics for students in health sciences, nursing, dietary and culinary studies, or as an elective for associate of applied science in general technology students. An emphasis will be placed on aspects of nutrition as they apply to health, illness, medicines, and disease and will encompass traditional and evolving nutrition, as well as the future of nutrition. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1101 PN Vocational/Legal/Ethics
1 credit: 1 hour lecture

Prerequisites: NUR 1002, 1117, 1162, 1231, 1242, and NUR 2264 with a grade of "C" or above in each course

Emphasis on understanding ethical, legal, and social responsibilities to patients, family, and co-workers; delegation responsibilities, emergency preparedness, genetic research and cloning and other concerns. Awareness of legal and ethical responsibilities; development of employability skills; awareness of standards of nursing care. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1117 PN Basic Nursing Principles and Skills
7 credits: 5 hours lecture, 4 hours lab

Prerequisite: Acceptance into PN Program

Principles, skills (basic to advanced), attitudes needed to give care. Utilization of nursing process in developing care plans. Incorporation of cultural diversity. Identification of various nursing settings. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1162 PN Geriatric Nursing Management
2 credits: 2 hours lecture

Prerequisite: Acceptance into PN Program

Skills, principles for care of geriatric patients including aging and disease processes, psychosocial needs, physical aspects. Emphasis on resident unit management. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1203 PN Intravenous Therapy
3 credits: 3 hours lecture

Prerequisites: NUR 1002, 1117, 1162, 1231, 1242, and NUR 2264 with a grade of "C" or above in each course

Introduction to intravenous infusion therapy; care of patients that require intravenous fluids; simulated and actual experiences. Satisfactory skill demonstration required. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1231 PN Nursing of Mother/Infant
1 credit: 1 hour lecture

Prerequisite: Acceptance into PN Program

Review anatomy/physiology of reproduction system, role of the nurse during normal labor/delivery. Appropriate interventions for the normal and complicated postpartum mother/family. Care of normal and special needs neonate. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1242 PN Nursing of Children
2 credits: 2 hours lecture

Prerequisite: Acceptance into PN Program

Covers psychosocial, physical, and emotional development from infancy through adolescence. Care of child with acute and chronic illness and family care during child hospitalization. Integrates nutrition and pharmacology. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1317 PN Adult Medical Surgical Nursing I
7 credits: 7 hours lecture

Prerequisites: NUR 1002, 1117, 1162, 1231, 1242, and NUR 2264 with a grade of "C" or above in each course

Incorporates all phases of nursing process utilizing theory and practice of the disease process and its effects on body systems. Nursing judgment, responsibility and delegation emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1514 PN Anatomy and Physiology
4 credits: 3 hours lecture, 2 hours lab

This course includes anatomy and physiology of the human body and all its systems. It provides a foundation for understanding the principles of health promotion and prevention as well as understanding the deviations from the norm. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 1603 PN Nutrition and Wellness
3 credits: 3 hours lecture

Enrollment restricted

Principles of good nutrition for all age groups and principles for modifications for therapeutic purposes. Nutrition concepts will be integrated throughout practical nursing curriculum. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 2151 PN Mental Health and Illness
1 credit: 1 hour lecture

Prerequisites: NUR 1002, 1117, 1162, 1231, 1242, and NUR 2264 with a grade of "C" or above in each course
Identify and understand personality development, behavior patterns, mental disease, emotional/mental problems with the aged, rehabilitation and safety of the mental client. Incorporate all phases of the nursing process. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 2264 PN Clinical I
4 credits: 16 hours clinical

Prerequisites: Completion of NUR 1162 and NUR 1231 with a grade of "C" or above in each course
Corequisites: NUR 1002, 1117, and NUR 1242
*CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.
Simulated and actual experience applying classroom experiences in long-term and acute-care facilities and clinics. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 2326 PN Clinical II
6 credits: 24 hours clinical

Prerequisites: NUR 1002, 1117, 1162, 1231, 1242, and NUR 2264 with grade of "C" or above in each course
Corequisites: NUR 1101, 1203, 1317, and NUR 2151
*CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.
Prerequisites: Satisfactory completion of all prior PN course requirements
On-site experiences in facilities to care for adults, pediatric, mentally ill, and obstetrical clients. Apply diagnostic procedures and all nursing skills. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 2414 PN Clinical III
4 credits: 16 hours clinical

Prerequisites: NUR 1002, 1101, 1117, 1162, 1203, 1231, 1242, 1317, 2151, 2264 and NUR 2326 with a grade of "C" or above in each course
Corequisite: NUR 2422
*CLINICAL ROTATIONS MAY BE SCHEDULED ON DAY, EVENING, OR NIGHT SHIFTS, EIGHT AND TWELVE HOUR ROTATIONS MAY BE SCHEDULED.
Working with nurse preceptor, student will apply management and leadership skills long-term care facilities by providing care to medical-surgical and pediatric patients, dispensing medication, performing as a team member. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NUR 2422 PN Adult Medical-Surgical Nursing II
2 credits: 2 hours lecture

Prerequisites: NUR 1002, 1101, 1117, 1162, 1203, 1231, 1242, 1317, 2264, 2151 and NUR 2326 with a grade of "C" or above in each course
Corequisite: NUR 2414
Continuation of conditions illness and care of adult clients. Nursing judgment, responsibility, and utilization of theory and practice important. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

NURS Courses (Nursing)

NURS 1001 Essentials of Nursing
1 credit: 1 hour lecture

Prerequisite: none
This course explores the role of nursing through the development of standards, values and beliefs, inter/intra professional communication, technology, and nursing scope of practice.
Emphasis is placed on the processes guiding the nursing practice and the influence nursing has in the healthcare environment. Offered: Fall and Spring.

NURS 1015 Principles of Nursing Care I
5 Credits: 4 hours lecture, 3 hours clinical

Prerequisites: NURS 1034 and NURS 2211; Arkansas LPN Licensure
Focuses on the client's personal self aspect of the self-concept mode and psychosocial adaptation with an emphasis on application of the nursing process when providing nursing care to clients with mental illness in the hospital and community setting and includes comprehensive health assessment of the individual. Offered: Summer II.

NURS 1022 First Aid and CPR
2 credits: 2 hours lecture

Covers competencies taught in the American Heart Association First Aid, CPR courses and AED (automated external defibrillator).

NURS 1034 LPN-RN Transition
4 credits: 4 hours lecture

Prerequisite: Unencumbered Arkansas LPN license

Introduces the LPN (both AASN and BSN track) to RN practice, focusing on socialization into the roles of the RN. Emphasis is placed on nursing ethics, professionalism, communication, the nursing process, and formulating nursing care plans.

NURS 1043 Ethical and Legal Obligations in Health Professions
3 credits: 3 hours lecture

Prerequisites: Completion of English 1013 and Oral communications (either COMM:1023, 2203 or 2283).

This course includes information required for examination of ethical and legal issues in the delivery of health care. Values clarification, ethical theory, ethical decision-making models, professional ethical standards, the legal environment and regulation are explored. Emphasis is on ethical and legal obligations of health professionals in their roles as citizens, members of a profession, providers of care, and designers and managers of care.

NURS 124V Principles of Nursing Care II
12 credits: 8 hours lecture, 12 hours clinical

Prerequisites: NURS 1015 and NURS 1034 and Arkansas RN LPN licensure

Clinical application of the nursing process to individuals and families with a focus on client adaptation within the physiological and self-concept modes. Emphasis is placed on the physiological needs of endocrine (including reproduction), nutrition, fluids and electrolytes, protection and the physical self of the self-concept mode.

NURS 2003 Introduction to Nursing Concepts and Roles
3 credits: 3 hours lecture

Prerequisites: Completion of lower-division general education and nursing support courses or permission of the School dean

NOTE: This course is offered in Summer I Intersession only and provides foundations for modern nursing practice. It focuses on nursing history and trends, the nursing process, and nursing roles.

NURS 2211 Basic Skills Check Off
1 credit: 2 hours laboratory

This course is required if the LPN graduated more than 12-24 months prior to full acceptance into the LPN to RN program and has less than 1000 hours of nursing employment.

Prerequisite: Full acceptance into the LPN to RN Fast Track.

Corequisite: NURS 1034

Basic nursing skills are demonstrated by the student and modified, if needed, to enhance safe practice. The nursing skills laboratory will be used. Offered: Summer I only.

NURS 225V Principles of Nursing Care III
12 credits: 8 hours lecture, 12 hours clinical

Prerequisites: NURS 1015, 1034, 2211, and NURS 124V and Arkansas LPN licensure

Clinical application of the nursing process to individuals, families, and families in communities with a focus on client adaptation within the physiological mode. Emphasis is placed on the physiological needs of elimination, endocrine, oxygenation, and neurologic. Concepts relevant to management of client care are included as well as preparation for the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

NURS 3011 Supplemental Nursing Skills
1 credit: 1 hour lecture

Prerequisite: NURS 3333

Reinforcement and modeling of previously learned basic, intermediate, and advanced nursing skills. Student will assist the nursing faculty in the skills laboratory setting and complete assignments designed to provide students with a greater understanding of implementation and evaluation of nursing skills. Offered: fall only.

NURS 3064 Healthy Aging
4 credits: 2 hours lecture, 6 hours practicum

Prerequisite: RNs: Full acceptance into the RN to BSN Advanced Placement Track

Designed to explore the normal aging process and factors influencing the needs of older adults. Emphasis placed on the role and function of the professional nurse in promoting healthy aging in older clients and supporting their families and communities throughout the aging process.

NURS 3073 Role Transition
3 credits: 3 hours lecture

Prerequisite: Full acceptance into the RN to BSN Advanced Placement Track

Designed to increase awareness and explore the expanded role of the professional nurse through nursing history, theories, trends and practice in a variety of health care delivery systems. Professional socialization and critical thinking are emphasized.

NURS 3103 Nursing Skills
3 credits: 2 hours lecture, 2 hours laboratory/supervision
Prerequisite: NURS 2003 and admission to upper-division nursing
Corequisite: NURS 311V
Development of basic, intermediate, and advanced nursing skills. Campus laboratories are used for student practice and demonstration of skills. Supervision is required by nursing faculty for nursing skills check-offs in the lab.

NURS 311V Concepts in Nursing Care I
11 credits: 8 hours lecture, 9 hours clinical
Prerequisites: NURS 2003 and admission to upper-division nursing
Corequisite: NURS 3103
Application of the nursing process to individuals in families and communities. The focus is client adaptation within physiological and interdependence modes.

NURS 3121 NCLEX-RN Test Prep I
1 credit: 1 hour lecture
Prerequisites: NURS 311V or LPN license
Introduces students to the National Council Licensure Examination (NCLEX-RN) test plan. Emphasis is placed on analysis of test items based on client needs.

NURS 332V Concepts in Nursing Care II
11 credits: 7 hours lecture, 12 hours clinical
Prerequisites: NURS 3103 and NURS 311V
Corequisite: NURS 4473
Application of the nursing process to individuals and families in communities. The focus is client adaptation within physiological and self-concept modes.

NURS 3333 Health Assessment
3 credits: 2 hours lecture, 2 hours laboratory
Prerequisite: Full acceptance into the RN to BSN Advanced Placement Track or the BSN program
Comprehensive health assessment of individuals. Offered: Summer only.

NURS 3393 Pathophysiology for Nursing
3 credits: 3 hours lecture
Prerequisites: BIOL 2233/2291, BIOL 2243/2301, CHEM 1023/1031, and BIOL 3553/3561
Analyzes the progressive changes that take place in the human body when normal adaptive processes are influenced by chemical, microbial, genetic, and/or psychological stimuli. Focuses on the pathophysiology of major health problems that lead to morbidity and mortality. Lays the foundation for the planning of holistic nursing care and interventions.

NURS 3404 Health Promotion
4 credits: 2 hours lecture, 6 hours practicum
Prerequisite: RNs: Full acceptance into the RN to BSN Advanced Placement Track
Designed to explore the expanded role and function of the professional nurse in a variety of healthcare settings to promote, maintain, and restore health to individuals, families, and communities throughout the middle adult years.

NURS 4131 NCLEX-RN Test Prep II
1 credit: 1 hour lecture
Prerequisites: NURS 332V or LPN license
Emphasizes analysis of test items based on client needs, legal/ethical issues, delegation, and prioritization to prepare for the National Council Licensure Examination (NCLEX-RN).

NURS 4153 Community Health Nursing
3 credits: 3 hours lecture
Prerequisites: Prelicensure BSN and LPN-BSN students: NURS 332V, NURS 3333, and NURS 4473; RNs: Full acceptance into the RN to BSN Advanced Placement Track
Corequisite: Prelicensure and LPN-BSN students: NURS 444V
Provides the theoretical basis and a multidisciplinary approach to community health nursing. The nursing process serves as the basis for health promotion teaching and epidemiological analysis of the community as a whole.

NURS 444V Concepts in Nursing Care III
11 credits: 7 hours lecture, 12 hours clinical
Prerequisites: NURS 332V, 3333, and NURS 4473
Corequisite: NURS 4153
Application of the nursing process to individuals, families, and communities. The focus is client adaptation within physiological and role function modes.

NURS 4473 Nursing Research
3 credits, 3 hours lecture
Prerequisite: Prelicensure BSN students: NURS 311V
Corequisite: NURS 332V (prelicensure and LPN-BSN students only)
Introduction to the research process and critique of research literature. Discussion includes application of findings to nursing practice and identification of clinical problems for study. Offered: Spring only.

NURS 4504 Leadership and Management in Professional Nursing
4 credits: 3 hours lecture, 3 hours practicum
Prerequisites: Prelicensure BSN and LPN-BSN: NURS 444V and NURS 4153; RN to BSN students: NUS 3073 and NURS 3333 or permission of instructor
Corequisite: Prelicensure BSN and LPN-BSN: NURS 452V
Provides an in-depth view of nursing leadership and management in a changing health care environment. Emphasis is placed on development of management skills professional role responsibilities, and critical thinking for the delivery of quality client care within an organization.

NURS 452V Concepts in Nursing Care IV
11 credits: 6 hours lecture, 15 hours clinical
Prerequisites: NURS 444V and NURS 4153
Corequisite: NURS 4504
Application of the nursing process to individuals, families, and communities. The focus is client adaptation within physiological and self-concept modes.

NURS 479V Independent Study in Nursing
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

PE Courses (Physical Education)

PE 1011 Weight Training for Men and Women
1 credit: 2 hours laboratory
Students will develop skills in a variety of weightlifting exercises. Students are taught the types of physical changes the body can undergo during a weight training program and how minor changes in the structure of the program can emphasize one or another of these changes. Offered: Fall.

PE 1021 Recreational Activities
1 credit: 2 hours laboratory
Table tennis, archery, volleyball, racquetball, and other activities. Offered: Fall, Spring.

PE 1031 Golf and Tennis
1 credit: 2 hours laboratory
A beginner course in tennis and golf skills, rules, and strategy. Offered: Fall.
PE 1041 Square Dance
1 credit: 2 hours laboratory
Fundamentals of square dancing, terminology, techniques, and skills.

PE 1061 Special Skills and Sports
1 credit: 2 hours laboratory
Activities, skills, and sports participation not found in the regular curriculum. Dependent upon availability of facilities and instructor expertise; may be repeated for credit if the activity, skill, or sport is different; one section is offered per semester.

PE 1071 Rhythms, Modern Dance
1 credit: 2 hours laboratory
Skills and techniques in modern and interpretive dance.

PE 1081 CVR Fitness Class
1 credit: 2 hours laboratory
For those students who desire to strengthen their heart, blood vessels, and lungs as they lose weight. Offered: Fall, Spring.

PE 1122 First Aid
2 credits: 2 hours lecture
Standard and Instructors American Red Cross course in emergency care of injuries. ARC Standard and Instructors certificate awarded on successful completion.

PE 1131 Fitness through Aerobic Dance
1 credit: 2 hours laboratory
The course will include a variety of contemporary forms of exercise which might include aerobic dance, kickboxing, aquatonics, step aerobics, and yoga. Offered: Spring.

PE 1443 Team Sports
3 credits: 3 hours laboratory
Methods of developing skills in team sports from those appropriate for a preschool developmental level through secondary proficiency. It will include football, softball, basketball, speedball, soccer, team handball, volleyball, and lead-up games for these sports. Offered: Fall, Spring.

PE 1453 Individual Sports
3 credits: 3 hours laboratory
Methods of developing skills in individual sports from those activities appropriate for a preschool developmental level through secondary proficiency. It will include golf, archery, tennis, badminton, bowling, track, table tennis, and racquetball and lead-up games for these sports. Offered: Fall.

PE 2013 Health and Physical Education of Teachers
3 credits: 3 hours lecture

Introduces productive, creative and innovative strategies needed to implement school health education and physical education into the classroom. Candidates will become familiar with organizing and presenting health and physical education content, materials, curricula, community resources, using technology, and communicating about healthy lifestyles.

PE 2113 Nutrition
3 credits: 3 hours lecture or on-line.

Nutritive needs of the normal individual with emphasis on family nutrition and fitness. The periods of pregnancy and lactation, infancy, childhood, adolescence, and adulthood are included. Offered: Fall, Spring.

PE 2203 Health and Wellness Promotion
A.C.T.S. Equivalent Course # HEAL 1003
3 credits: 3 hours lecture or on-line

Personal, community, and school health and wellness promotion. Offered: Fall, Spring.

PE 2213 Gymnastics and Rhythmic Activities
3 credits: 3 hours laboratory

Progressive skills, techniques and methods of teaching K-12 gymnastics and rhythmic activities for physical education. Offered: Fall, Spring.

PE 2262 Officiating
2 credits: 2 hours laboratory

Football, basketball, volleyball, track, baseball, and softball rules, regulations, and officiating procedures. Offers opportunity for students to become registered officials.

PE 2273 First Aid and CPR
3 credits: 3 hours lecture

Study of competencies taught in the Red Cross or American Heart Association First Aid and CPR courses. Offered: Fall, Spring.

PE 2313 Care and Prevention of Athletic Injuries
3 credits: 3 hours laboratory

Provides the general knowledge and general application of theory, principles, and skills used in the prevention, care, and rehabilitation of athletic injuries related to participation in games, sports, and athletics. Offered: Fall, Spring.

PE 2403 Lead-up Games
3 credits: 3 hours lecture

An activity based class to provide a broad range of developmentally appropriate activities for the different developmental skills and skill levels of children in activity settings.

PE 2703 Theory and Principles of Physical Education and Coaching
3 credits: 3 hours lecture

An introduction to the theory and principles of the fields of physical education and coaching.

PE 3223 Baseball Operations
3 credits: 3 hours lecture

Baseball Operations deals with budgetary and inventory aspects of running a baseball program. Students will learn functions of facilities and equipment management. Practice planning will be emphasized as will scheduling and umpire management.

PE 3213 Football Operations
3 credits: 3 hours lecture

Football Operations deals with budgetary and inventory aspects of running a football program. Also, due to the detailed study of concussion issues in football, NOSCAE (The National Operating Committee on Standards for Athletic Equipment) certification will be broken down to the students.

PE 3303 Community Health
3 credits: 3 hours lecture

Prerequisites: PE 2203 Health and Wellness Promotion
An introduction to community health programs, problems and trends. Students will become familiar with various programs designed to meet community health needs. Emphasis will be placed on using professional resources in organizing and presenting health education content, materials, curricula, community resources, using technology, and communicating about healthy lifestyles.

PE 3372 Coaching of Baseball/Softball
2 credits: 2 hours lecture

History and development of events, conduct of coaching, training methods, strategy, rules, and systems of leading coaches. Offered: Fall.

PE 3382 Coaching of Volleyball
2 credits: 2 hours lecture

History and development of events, conduct of coaching, training methods, strategy, rules, and systems of leading coaches. Offered: Spring.

PE 3392 Coaching of Track
2 credits: 2 hours lecture

History and development of events, conduct of coaching, training methods, strategy, rules, and systems of leading coaches. Offered: Spring.

PE 3422 Coaching of Basketball
2 credits: 2 hours lecture

History and development of events, conduct of coaching, training methods, strategy, rules, and systems of leading coaches. Offered: Spring.

PE 3461 Exercise Physiology Laboratory
1 credit: 2 hours laboratory
Corequisite: PE 3523
Study of the circulatory, respiratory, nervous, and muscular systems during and after physical exercise. Offered: Spring.

PE 3472 Coaching of Football
2 credits: 2 hours lecture
History and development of events, conduct of coaching, training methods, strategy, rules, and systems of leading coaches. Offered: Fall.

PE 3503 Adapted Physical Education
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Methods, techniques, and special program designs for the mildly handicapped child. Offered: Spring.

PE 3523 Exercise Physiology
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Physiological basis of physical education and athletics. Lecture and physiology laboratory sessions. Offered: Spring.

PE 3553 Child Growth and Motor Development
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Growth and maturational factors influencing motor skill development and learning from infancy to adulthood. Planning, implementing, and evaluating of developmental physical education lessons for preschool and early school (K-2) children. The course also includes concepts of movement and basic movement patterns. Offered: Fall.

PE 4413 Methods of Physical Education and Health
3 credits: 3 hours lecture
Prerequisites: PE 1443, PE 1453, PE 2113, PE 2203
Addresses the methods, teaching, strategies and materials of teaching physical education and health in diverse settings in grades preschool through the secondary level. Attention will be given to non-teaching professionals as well.

PE 4603 Physical Education Tests and Measurements
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Use of achievement and skill tests in health and physical education. Special attention to mass testing procedures. Offered: Fall.

PE 4663 Methods and Materials of Physical Education
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Methods and materials of teaching of physical education from preschool through the secondary level. Offered: Fall only

PE 4693 Methods of Teaching Health
3 credits: 3 hours lecture
Prerequisite: Admission to Teacher Education for PE Licensure Majors
Current methods in teaching health in the secondary public schools.

PE 4713 Sport Administration
3 credits: 3 hours lecture
Prerequisites: Admission to Teacher Education for PE Licensure Majors
Procedures and policies to manage athletics, intramurals and recreational sport activity.

PE 4723 Contemporary Topics in Sports Health
3 credits: 3 hours lecture
Provides optimal preparation for prospective physical education educators, coaches, teachers, and exercise science professionals to meet the responsibilities related to the health and safety of participants in sport, recreation, and physical education.

PE 479V Independent Study in Physical Education
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

PHIL Courses (Philosophy)

PHIL 2223 Introduction to Philosophy
A.C.T.S. Equivalent Course # PHIL 1103
3 credits: 3 hours lecture
Problems of human existence and critical discussion of some solutions proposed by outstanding thinkers.

PHIL 3433 Readings in Philosophy
3 credits: 3 hours lecture
Readings and critical discussion of a philosopher, a basic problem of philosophy, or a movement in philosophy.

PHIL 3523 Logic
3 credits: 3 hours lecture
Development of thinking skills applicable to any field.

PHIL 3623 Ethics
3 credits: 3 hours lecture
A survey of ethical systems with an examination of how such systems can be applied to business, medical, legal, environmental, and personal issues.

PHIL 4603 History of Philosophy
3 credits: 3 hours lecture
Major philosophers and philosophical systems from the beginnings of Western thought to the present.

PHIL 4633 Special Topics in Philosophy
3 credits: 3 hours lecture
Prerequisite: Upper-level standing or instructor's permission
Exploration of issues involving philosophy and the humanities. Topics might be a continuing theme, a recent controversy, or a social or scholarly movement. May be repeated for a total of nine hours credit with permission of the School Dean.

PHIL 479V Independent Study in Philosophy
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations of this catalog for prerequisites and description.

PHL Courses (Phlebotomy Courses, Technical)

PHL 1013 Tech Orientation to Clinical Experiences
3 credits: 3 hours lecture
Designed to provide the student with education and learning experiences to optimize clinical education. Basic information regarding roles, responsibilities, communication. Logistics, safety, and supervision for successful clinical experiences. Covers competencies taught in the American Heart Association First Aid and CPR courses. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PHL 1054 Tech Phlebotomy
4 credits: 3 hours lecture; 2 hours lab
Provides education and skill development in a variety of blood collection methods using proper techniques and universal precautions. Emphasis on infection prevention, safety, and quality assurance of specimen collection will be outlined. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PHL 1062 Tech Phlebotomy Practicum
2 credits: 6 hours lab
Prerequisite: PHL 1054
Provides application and skill development in a variety of blood collection methods using proper techniques and universal precautions. Emphasis on infection prevention, safety, and quality assurance of specimen collection will be outlined. Students who can provide proof of successful collection of a specified number of venipuncture specimens may be qualified to sit for a national phlebotomy examination. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PHSC Courses (Physical Science)

PHSC 2203 Physical Science
3 credits: 3 hours lecture
Corequisite: ENGL 1013
Basic concepts of physics, chemistry, and earth science. This course is designed for the General Education program.

PHSC 2251 Physical Science Laboratory
1 credit: 2 hours laboratory
Corequisite: PHSC 2203
Basic studies of chemistry, physics, and earth science, designed to illustrate and complement concepts discussed in PHSC 2203.

PHYS Courses (Physics)

PHYS 1003 Elements of Physics
3 credits: 3 hours lecture
NOTE: A General Education course for the non-science major
A survey of the basic concepts of physics including mechanics, light, energy, relativity, and atomic structure.

PHYS 1021 Elements of Physics Laboratory
1 credit: 2 hours laboratory
Corequisite: PHYS 1003
A laboratory course to supplement PHYS 1003.

PHYS 2203 College Physics I
A.C.T.S. Equivalent Course # PHYS 2014 when combined with PHYS 2231 College and University Physics I Laboratory
3 credits: 3 hours lecture
Prerequisite: MATH 1033 or MATH 1175
A study of mechanics, heat, sound, energy and momentum relying heavily on the student's understanding of algebra and trigonometry.

PHYS 2213 College Physics II
A.C.T.S. Equivalent Course # PHYS 2024 when combined with PHYS 2241 College and University Physics II Laboratory
3 credits: 3 hours lecture
Prerequisite: PHYS 2203
A study of electricity, magnetism, optics and modern physics relying heavily on the student's understanding of the concepts developed in PHYS 2203.

PHYS 2231 College and University Physics I Laboratory
A.C.T.S. Equivalent Course # PHYS 2014 when combined with PHYS 2203 College and University Physics I
1 credit: 3 hours laboratory
Corequisite: PHYS 2203 or PHYS 2313
A laboratory course that supplements General and University Physics. Experiments are related to this course.

PHYS 2241 College and University Physics II Laboratory
A.C.T.S. Equivalent Course # PHYS 2024 when combined with PHYS 2213 College and University Physics II
1 credit: 3 hours laboratory
Corequisite: PHYS 2213 or PHYS 2323
A laboratory course that supplements General and University Physics. Experiments are related to this course.

PHYS 2313 University Physics I
A.C.T.S. Equivalent Course # PHYS 2034 when combined with PHYS 2231 College and University Physics I Laboratory
3 credits: 3 hours lecture, 1 hour discussion
Corequisite: MATH 2255
A study of mechanics, heat, sound, energy and momentum relying heavily on the student's understanding of basic math including algebra, trigonometry and calculus.

PHYS 2323 University Physics II
A.C.T.S. Equivalent Course # PHYS 2044 when combined with PHYS 2241 College and University Physics II Laboratory
3 credits: 3 hours lecture, 1 hour discussion
Prerequisite: PHYS 2313
A study of electricity, magnetism, optics and modern physics relying heavily on the student's understanding of basic math including algebra, trigonometry, and calculus.

PHYS 2354 Radiation Physics
4 credits: 3 hours lecture, 3 hours laboratory
Natural radioactivity and fundamental particles. Disintegration, fission, and fusion of nuclei. Theory and use of radiation detection instruments.

PHYS 3011 University Physics III Laboratory
1 credit: 3 hours laboratory
Corequisite: PHYS 3013
A laboratory course that supplements University Physics III. Experiments are related to the topics covered in the lecture course.

PHYS 3013 University Physics III
3 credits: 3 hours lecture
Prerequisite: PHYS 2323
A study of fluids, physical optics, thermodynamics, kinetic theory, and an introduction to quantum mechanics.

PHYS 3423 Computational Physics
3 credits: 3 hours lecture
Prerequisite: PHYS 2213 or PHYS 2323 and MATH 2255
An introduction to programming languages and numerical methods used in solving various problems in physics, engineering, and the sciences.

PHYS 3404 Modern Physics
4 credits: 3 hours lecture, 2 hours laboratory
Prerequisites: MATH 3495 and PHYS 2213 or PHYS 2323
The phenomena and theories of atomic, nuclear, and solid state physics. Relativity and the quantum theory.

PHYS 3444 Optics
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: PHYS 2241 and PHYS 2213 or PHYS 2323
Light, wave motion, dispersion, interference, diffraction, and spectra.

PHYS 3504 Introduction to Electronics
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisite: PHYS 2213 or PHYS 2323
An introduction to the fundamentals of DC and AC circuits.

PHYS 4603 Mechanics
3 credits: 3 hours lecture
Prerequisites: MATH 2264 and PHYS 2303 or PHYS 2313
Applied physics and mathematics using the vector approach. Analysis of problems in statics, kinematics, and dynamics.

PHYS 469V Senior Research
Variable credit
Prerequisites: Junior or Senior standing and approval of the project director and the School Dean.
Literature search and laboratory work on individual research problems.
NOTE: May be repeated for a maximum of 3 hours in the Physics minor.

PMUS Courses (Private Music Instruction)

NOTE: ENROLLMENT IN ALL APPLIED MUSIC COURSES IS RESTRICTED TO MUSIC MAJORS OR MINORS OR BY INSTRUCTOR'S PERMISSION

PMUS 1072 Master Class: Clarinet
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1082 Master Class: Euphonium
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1092 Master Class: Flute
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1102 Master Class: Guitar
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1112 Master Class: Horn
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1122 Master Class: Oboe
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1132 Master Class: Percussion
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1142 Master Class: Saxophone
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1152 Master Class: Trombone
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1162 Master Class: Trumpet
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1172 Master Class: Tuba
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 1152 Master Class: Clarinet
2 credits: 1 hour lesson per week
Note: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development as a private lesson or in a group of no more than four students.

PMUS 2401 Applied Piano
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2412 Applied Piano
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2441 Applied Voice
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2452 Applied Voice
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2461 Applied Flute
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2472 Applied Flute
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2481 Applied Oboe
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2492 Applied Oboe
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2501 Applied Clarinet
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2512 Applied Clarinet
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2521 Applied Saxophone
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2532 Applied Saxophone
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2541 Applied Bassoon
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2552 Applied Bassoon
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2561 Applied Horn
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2572 Applied Horn
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2581 Applied Trombone
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2592 Applied Trombone
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2601 Applied Euphonium
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2612 Applied Euphonium
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2621 Applied Tuba
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2632 Applied Tuba
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2641 Applied Percussion
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2652 Applied Percussion
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2941 Applied Trumpet
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2952 Applied Trumpet
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2961 Applied Guitar
1 credit: One-half hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 2972 Applied Guitar
2 credits: 1 hour lesson per week
NOTE: Open to freshman and sophomore students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3661 Applied Piano
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3672 Applied Piano
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3701 Applied Voice
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3712 Applied Voice
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3721 Applied Flute
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3732 Applied Flute
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3741 Applied Oboe
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3752 Applied Oboe
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3761 Applied Clarinet
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3772 Applied Clarinet
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3781 Applied Saxophone
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3792 Applied Saxophone
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3801 Applied Bassoon
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3812 Applied Bassoon
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3821 Applied Horn
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3832 Applied Horn
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3841 Applied Trombone
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3852 Applied Trombone
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3861 Applied Euphonium
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3872 Applied Euphonium
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3881 Applied Tuba
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3892 Applied Tuba
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3901 Applied Percussion
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3912 Applied Percussion
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3921 Applied Trumpet
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3932 Applied Trumpet
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3981 Applied Guitar
1 credit: One-half hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 3992 Applied Guitar
2 credits: 1 hour lesson per week
NOTE: Open to junior and senior students
Study of the fundamental techniques and literature appropriate to the level of development.

PMUS 4011 Recital/Project
1 credit: 1 hour lab per week
Prerequisite: Advanced standing in music and instructor's permission
A public recital in the student's major applied area, or an approved musical project.

PPS Courses (Pulp and Paper Science)

PPS 1114 Introduction to Pulp and Paper
4 credits
Basic overview of components and processes of a pulp and paper mill and the operations of its systems and equipment. Overview of industry history and technical development as well as future trends. Includes raw material processing and handling, manufacturing methods, process control, equipment and instrumentation, product specifications, and pollution abatement. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PPS 1303 Paper Machine Wet End Operations
3 credits
Prerequisite: PPS 1114
Function and capability of all critical equipment related to stock preparation and machine wet end areas. Primary process flows, consistency control stock blending, stock refining, wet end chemistry, stock cleaning, approach flow systems, and the cause/effect relationships each has with various papermaking parameters. Explores components of the machine fourdrinier and the concepts of formation, retention, drainage, and pressing. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PPS 1502 Wood Properties and Procurement
2 credits
Awareness of important fiber-producing plants and trees and structural, physical, and chemical properties of wood. Significant portion of class includes preparation of pulpwood, woodyard layout, debarking and preparation of logs, storage and conveying, fire protection, chip feeders, and chip classification. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PPS 1604 Finishing, Converting, and Shipping
4 credits
Prerequisite: PPS 1114
Finishing, converting, and shipping of industrial products and converting and printing methods for various grades of paper. Methods of assurance that finished product meets physical conditions specified by the customer. In the laboratory portion, proper methods for performing physical tests on paper and quality tests on finishing solutions such as starch and clay coatings. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PPS 1702 Paper Machine Dry End Operations
2 credits
Prerequisite: PPS 1114
Basic understanding of equipment used in the drying and finishing processes of papermaking including equipment function, capability, and design. The relationship between machine process variables and their effect on the physical properties of paper. The laboratory portion devoted to methods and techniques of performing physical tests on paper. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PPS 1802 Paper Surface Treatments
2 credits
Prerequisite: PPS 1114
External sizing, pigment coatings, and calendaring as well as size press designs and solutions utilized in external sizing. Coater designs and pigment portion focuses on coating formulation and quality tests performed on surface solutions applied at the size press, coaters, or calendar stacks. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

PSCI Courses (Political Science)

PSCI 2213 American National Government
A.C.T.S. Equivalent Course # PLSC 2003
3 credits: 3 hours lecture
Constitutional principles, political parties and public opinion, civil rights, organization and functions of the executive, legislative, and judicial branches.

PSCI 2223 State Government of Arkansas
A.C.T.S. Equivalent Course # PLSC 2103
3 credits: 3 hours lecture
An analysis of state and local government with an emphasis on Arkansas.

PSCI 2233 Comparative Politics
3 credits: 3 hours lecture
Comparative analysis of structures, processes, and problems of selected world powers.

PSCI 2283 Research Methods in the Social Sciences (same as CJ 2283)
3 credits: 3 hours lecture
An overview of social science research methodology focusing on creating research designs, developing appropriate measures, creating testable hypotheses, and developing research skills.

PSCI 2293 Law and Society (same as CJ 2293)
3 credits: 3 hours lecture
Courts, law, and the legal system; law and politics; judicial philosophy and biography.

PSCI 2353 World Politics
3 credits: 3 hours lecture
An introduction and overview of the structures and processes of the international system, looking at institutions, events, and historical trends.

PSCI 3313 Statistics for the Social Sciences (same as CJ 3313)
3 credits: 3 hours lecture
Prerequisite: PSCI 2283/CJ 2153 or instructor's permission
Introduction to use and of interpretation of statistics in criminal justice and political science. Offered every Spring.

PSCI 3403 American Political Parties
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
Development, organization, and changing role of political parties, including nominations, elections, and voting behavior, and the impact of the mass media.

PSCI 3413 Constitutional Criminal Procedure (same as CJ 3243)
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
Analysis of procedural limitations on law enforcement and in the prosecution of crimes with an emphasis on cases dealing with the fourth, fifth, sixth, and eighth amendments.

PSCI 3423 U.S. Congress
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
U.S. Congress and the committee system, executive legislative relations, U.S. Congress and the federal bureaucracy, and reform proposals.

PSCI 3433 Public Administration
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
Trends and organization of public administration; administrative powers and responsibilities; policy making and intergovernmental relations; and the regulatory commissions.

PSCI 3443 Middle East Politics
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
Contemporary politics in the Middle East; emphasis on the political cultures, institutions, ideologies, and conflicts in the modern Middle East.

PSCI 3463 International Relations
3 credits: 3 hours lecture
Prerequisite: PSCI 2213
Modern diplomacy, alliances and treaties, power politics, and international organizations.

PSCI 3573 Contemporary Political Ideologies
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

A study of the political patterns of today's world, explaining the instruments, functions, and theories intertwined in modern ideologies. Emphasis on the predominant theories and thinkers of democracy, communism, and the aspects of an authoritarian or totalitarian regime.

PSCI 3583 European Politics
3 credits: 3 hours lecture

This course focuses on the political structures, transitions, and political culture of the European continent. It looks at the impact of political parties, social and ethnic cleavages, security issues, and supranational organizations in a broadly defined Europe.

PSCI 3593 World Conflict and Terrorism
3 credits: 3 hours lecture

Prerequisites: PSCI 2213

Study of the changing nature of international conflict and terrorism; violence in conventional and irregular warfare; state and non-state actors; ideologies and transnational terror; motivations and goals of terror groups; domestic, homegrown, and transnational terror groups.

PSCI 374V Field Study in Political Science (same as CJ 374V)
3 credits: 3 hours lecture

Prerequisite: PSCI 2213 or CJ 1013

A field study consisting of travel, observation, and study of different political and legal institutions and agencies. May be repeated for a maximum total of 12 hours either in political science exclusively or a maximum total of 12 hours combined with CJ 374V.

PSCI 4493 Civil Liberties and Civil Rights (same as CJ 4493)
3 credits: 3 hours lecture

Prerequisite: PSCI 2293 or CJ 2293

Focuses on citizen's fundamental rights and how decisions made within the Federal Court system have affected those rights and liberties.

PSCI 4603 The American Presidency
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Powers and duties of the American Presidency, including domestic, economic, and foreign policy dimensions, growth of presidential power, and presidential personality.

PSCI 4613 Public Management (same as CJ 4383)
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Nature of bureaucratic organization and changing themes in organizational theory; fiscal and personnel policy; public unions and collective bargaining; leadership, communication, and motivation.

PSCI 462V Seminar in Political Science
Variable credit

Prerequisite: PSCI 2213

Selected topics with extensive readings, and class discussions. May be repeated for a total of 12 hours credit.

PSCI 4643 American Foreign Policy
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Decision making in foreign policy with emphasis on case studies.

PSCI 4663 American Constitutional Law
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Principles, practices, and basic features of constitutional law with emphasis on the role of the Supreme Court, federalism, national powers, and individual rights.

PSCI 4673 Global Studies
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Nature and analysis of contemporary global issues. Emphasis on frameworks for analyzing global problems and in-depth acquaintance with selected world issues.

PSCI 4683 Western Political Theory
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Major political thinkers and their ideas with emphasis on more recent political theories.

PSCI 4693 Developing Nations
3 credits: 3 hours lecture

Prerequisite: PSCI 2213

Governments and major problems facing nations in the lesser developed world.

PSCI 478V Internship
Variable credit

Supervised learning experience in a government or private agency. May be repeated for credit up to 6 hours.

PSCI 479V Independent Study in Political Science
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

PSY Courses (Psychology)

PSY 1013 Introduction to Psychology
A.C.T.S. Equivalent # PSY 1103
3 credits: 3 hours lecture
Co-requisite: ENGL 1013
Survey of the science of behavior.

PSY 2013 Research Methods I
3 credits: 3 hours lecture
Prerequisite PSY 1013
Corequisite: PSY 2203
Introduction to research methods and procedures used to design, conduct, analyze, and report psychological research.

PSY 2203 Statistical Methods
3 credits: 3 hours lecture
Prerequisites: PSY 1013 and MATH 1103
OR
Prerequisite: PSY 1013 and
Co-requisite: 1000 level or higher MATH course, excluding MATH 1103
Introduction to the use and interpretation of statistics.

PSY 3013 Research Methods II
3 credits: 3 hours lecture
Prerequisite PSY 1013
Corequisites: PSY 2013, PSY 2203
Advanced study of experimental research methods with a focus on designing, conducting, analyzing, and reporting experimental research.

PSY 3103 Cognitive Psychology
3 credits: 3 hours lecture
Prerequisites: PSY 1013 and PSY 2203
Survey of major topics in cognitive psychology. Covers perception, memory, thinking, and language. Integrates popular coverage of recent topics and controversies in cognitive psychology.

PSY 3243 Social Psychology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Study of social behavior through group dynamics and mass communication.

PSY 3253 Adolescence
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Physical, mental, and emotional development of children and adolescents including social adaptation, interests, attitudes, and ideals.

PSY 3413 Psychology of Learning
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Major empirical findings and theoretical positions in the psychology of learning.

PSY 3423 Industrial Psychology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Applications of psychology in industry, including personnel selection, placement, and counseling, engineering and organizational psychology, labor relations, the consumer, and survey research.

PSY 3433 Child Development
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Surveys major research findings and theories concerning development from conception through adolescence.

PSY 3443 Developmental Psychology
A.C.T.S. Equivalent # PSY 2103
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Comprehensive study of individual development from conception to death.

PSY 3453 Exceptional Children
3 credits: 3 hours lecture
Prerequisite: PSY 3433
Atypical children; survey of major findings related to the causes and nature of deviations.

PSY 3463 Principles of Guidance and Counseling
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Interviewing skills, counseling techniques, and theories of interpersonal dynamics.

PSY 3473 Human Sexuality
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Physiological, psychological, and sociological aspects human sexual behavior, with emphasis on healthy adjustment.

PSY 3483 Physiological Psychology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Introduction to the biological bases of behavior including the role of neurology, sensory physiology, and endocrinology in the mediation of behavior.

PSY 3493 Fundamentals of Measurement
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Basic psychometric concepts, methods, and problems the use of aptitude, interest, personality, and psychodiagnostic tests.

PSY 4603 History and Systems in Psychology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Study of the theoretical issues important in the history of psychology.

PSY 4623 Psychology of Personality
3 credits: 3 hours lecture
Prerequisite: PSY 1013
A study of the dynamics and nature of the normal personality.

PSY 4633 Gerontology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Deals with psychology of aging and methods of working with the aging.

PSY 4643 Applied Human Service Skills
3 credits: 3 hours lecture
Prerequisites: PSY 3463 or PSY 4623
Advanced training in the areas of counseling, legal issues, professional ethics, and intervention techniques. Students learn a systematic approach to client-centered problem solving.

PSY 465V Practicum in Psychology
Variable credit
Prerequisites: twelve hours in psychology and instructor's permission
Supervised field experience in special areas. Students may not enroll for more than 6 hours per semester and not more than a total of 9 hours.

PSY 4673 Abnormal Psychology
3 credits: 3 hours lecture
Prerequisite: PSY 1013
Study of the dynamics and diverse patterns of deviant behavior.

PSY 4683 Seminar
3 credits: 3 hours lecture
Prerequisite: Junior standing
Opportunity for in depth study of selected topics in psychology. Special emphasis on contemporary research.

PSY 479V Independent Study in Psychology
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

READ Courses (Reading)

READ 2023 Introduction to Teaching Reading
3 credits: 3 hours lecture
Prerequisite: EDUC 1143; EDUC 2233; EDUC 2253
An introduction to the materials and methods for the teaching of reading, with emphasis on theories and strategies for teaching reading, diagnosis of reading difficulties and intervention strategies for struggling readers. Focus on development, assessment, and instruction for individual or small groups of students.

READ 4013 Teaching Literacy
3 credits: 3 hours lecture
Prerequisite: Licensure Degrees Admission to Clinical Internship I
Focus on literacy instruction in K-6 classrooms with an emphasis on reading and writing including the critical areas of: phonics, phonemic awareness, word study, fluency, vocabulary and comprehension. Examines various theoretical methods of reading along with the principles of teaching reading and writing using a variety of instructional strategies, effective program organization, assessment, and classroom management.

READ 4023 Disciplinary Literacy
3 credits: 3 hours lecture
Prerequisite: Licensure Degrees Admission to Teacher Education
Instructional strategies for teaching reading, writing, viewing and representing in the different disciplines, including fluency comprehension and vocabulary.

READ 4143 Advanced Teaching Literacy
3 credits: 3 hours lecture
Prerequisite: Licensure Degrees Admission to Clinical Internship I
Focuses on critical issues of literacy acquisition, assessment and instruction. Special attention will be given to the science of teaching reading and effective concepts, theories, methods, research, evidence-based practices including materials, strategies, and organization to meet the needs of all learners.

SCED Courses (Science Education)

SCED 3653 Science for Middle School Teachers
3 credits: 3 hours lecture
Prerequisite: eight hours of laboratory science courses
Selected topics in astronomy, earth science, and physical science and their interrelationships. Discovery, demonstrations, and laboratory experiences.

SCED 468V Science Teaching Methods
Variable credit, may be repeated for a maximum of 4 hours
Prerequisites: 20 hours of laboratory science
Methods and strategies of secondary science instruction in biology, chemistry, physics and physical science. Development of lesson plans and teaching of laboratory activities will be emphasized. Clinical experience in freshman-level science laboratories will constitute a major part of the course.

SER Courses (Small Engine Repair)

SER 1102 Introduction to Small Engines
2 credits
Operation of small engines, minor repair procedures, and preventive maintenance for two- and four-cycle engines. Practical application provided through laboratory experience. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

SOC Courses (Sociology)

SOC 2213 Introduction to Sociology
A.C.T.S. Equivalent Course # SOC 1013
3 credits: 3 hours lecture
An introduction to the scientific study of society and human behavior as products of social interaction. An overview of the major sociological perspectives and research methods of socialization, culture, social structure, social institutions, social inequality, and social interaction.

SOC 2223 Social Problems
A.C.T.S. Equivalent Course # SOC 2013
3 credits: 3 hours lecture
Overview of contemporary social problems in the U.S., such as crime, poverty, substance abuse and addiction, racial, ethnic and gender inequality, health care access, and the impact of environmental disruptions on social systems.

SOC 2283 Research Methods in Social Sciences (same as CJ 2283; PSCI 2283)
3 credits: 3 hours lecture
An overview of social science research methodology focusing on creating research designs, developing appropriate measures creating testable hypotheses, and developing research skills.

SOC 3413 The Family
3 credits: 3 hours lecture
The broad overview of the nature and functions of the family as a social institution across time and social organization. Examines the nature and functions of the family in U.S. society from 1600s to the present and relates these patterns to changes in the larger society. Emphasis on changes in the family since the 1960s.

SOC 3453 Race and Ethnic Relations
3 credits: 3 hours lecture
Analysis of ethnic relations within the U.S. through an examination of the core culture, the distinctive experiences of Native Americans and Hispanics as conquered peoples, the forced immigration of African Americans and the voluntary immigrations of other ethnic groups, the contributions of various ethnic groups to U.S. culture and the inherent challenges of a pluralistic society.

SOC 3543 Learning Through Community Service
3 credits: 1 hour lecture, 8 hours field experience per week
Prerequisites: Junior or Senior standing or instructor's permission
Students have an opportunity to develop knowledge of and basic skills in social service work through experience in agencies or other community settings. A minimum of 110 hours of field experience for the semester is required.

SOC 4373 Criminology (same as CJ 4273)
3 credits: 3 hours lecture
Prerequisites: Junior or Senior standing or instructor's permission
Theories of the nature and causes of crime, and analysis of various kinds of crimes.

SOC 4513 Drugs and Society (same as CJ 4413)
3 credits: 3 hours lecture
Prerequisites: Junior or Senior standing or instructor's permission
An overview of the drug problem in the U.S. including an analysis of both legal and illegal drugs commonly abused. Emphasis on the criminal justice system's response to the use, possession, and distribution of illicit drugs in our society.

SOC 4643 Population Problems
3 credits: 3 hours lecture
Population growth, distribution, composition, and migration in relation to political, social, economic, and ecological implications.

SOC 4663 Seminar in Sociology
3 credits: 3 hours lecture
Selected topics with extensive readings and class discussions. May be repeated for up to 9 hours credit.

SOC 4673 Terrorism and Social Change
3 credits: 3 hours lecture
Prerequisite: Junior or Senior standing, or instructor's permission
An interdisciplinary social science approach to international terrorism that analyzes the nature, forms and history of a distinctive type of violence that may promote social change or as an outcome of social change. Emphasis on current international terrorist groups, their political goals, strategies, targets and resources.

SOC 479V Independent Study in Sociology
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

SOSC Courses (Social Science)

SOSC 4653 Teaching Secondary Social Studies
3 credits: 3 hour lecture
Prerequisites: Junior or Senior standing and admission to teacher education.
Methods of teaching social studies at the secondary level. Includes teaching applications in social science disciplines; design of lesson plans, instructional materials, and tests; performance, evaluation and critique of micro-classroom teaching.

SPAN Courses (Spanish)

SPAN 1003 Elementary Spanish I
A.C.T.S. Equivalent Course # SPAN 1013
3 credits: 3 hours lecture
An introduction to the essentials of the Spanish language. It is designed to develop the four basic language skills: listening, speaking, reading, and writing. It emphasizes standard pronunciation, functional syntactical structures, vocabulary, and idiomatic expressions, as well as an awareness of Hispanic cultures.

SPAN 1013 Elementary Spanish II
A.C.T.S. Equivalent Course # SPAN 1023
3 credits: 3 hours lecture
Prerequisite: SPAN 1003
A continuation of the essentials of the Spanish language in Spanish 1003. It is structured to develop a solid foundation of the four basic language skills with major emphasis on the oral and written communicative skills and an understanding of Hispanic cultures.

SPAN 2203 Intermediate Spanish I
A.C.T.S. Equivalent Course # SPAN 2013
3 credits: 3 hours lecture
Prerequisite: SPAN 1013
Review of the linguistic essentials and expansion of syntax, vocabulary, idiomatic expressions, and concepts of Hispanic cultures studied during the first year. It is designed to continue emphasizing oral and written communicative skills.

SPAN 2213 Intermediate Spanish II
A.C.T.S. Equivalent Course # SPAN 2023
3 credits: 3 hours lecture
Prerequisite: SPAN 2203
An extension of SPAN 2203 including a systematic review of grammatical topics. It introduces selected readings in Spanish to develop reading comprehension for analysis and commentary. It is designed to develop the student's ability to function linguistically within the Hispanic world.

SPAN 3503 Conversational Spanish I
3 credits: 3 hours lecture
Prerequisite: SPAN 2213
Intensive oral practice. It is designed to develop listening comprehension, oral proficiency, and vocabulary through analyses, discussions, and oral and written commentaries on selected readings in Spanish, films, and audio recordings.

SPAN 3513 Conversational Spanish II
3 credits: 3 hours lecture
Prerequisite: SPAN 3503
Continued emphasis on oral and written proficiency in Spanish. Students develop an appreciation of Spanish literature through readings and discussions of magazine articles, short stories, essays, and poetry.

SPAN 3603 Advanced Modern Spanish Grammar and Composition
3 credits: 3 hours lecture
Prerequisite: SPAN 2213
Designed to cover problematic areas of Spanish syntax and usage and to perfect the student's linguistic skills through oral practice and writing of standard Spanish prose. Course highly recommended to students who wish to continue their studies in Spanish, seek teaching certification in Spanish or bilingual education, or desire to use it as their graduate language tool.

SPAN 3613 Cultures and Civilizations of Spain and Spanish America
3 credits: 3 hours lecture
Prerequisite: SPAN 2213
Designed to give a panoramic view of Spanish and Spanish American cultures and civilizations. It emphasizes salient aspects of historical and current social and political perceptions; cultural traditions and contributions; their geographical influence on the rest of the world; their art, letters, and music; and their role in the modern world. The course is interdisciplinary.

SPAN 3623 Survey of Major Hispanic Literatures
3 credits: 3 hours lecture
Prerequisite: SPAN 2213
Designed to offer students the opportunity to examine various forms and themes of major Spanish American literary works. Readings include selections in Spanish from the twelfth century to the present. The course is conducted in Spanish.

SPAN 4633 Seminar in Spanish Studies
3 credits: 3 hours lecture
Prerequisite: SPAN 2213
A detailed study of a special topic area in Spanish. It may be repeated when the topic varies for a total of six semester credit hours with the unit chairperson's permission.

SPAN 479V Independent Study in Spanish
Variable credit
Consult the Independent Study Courses subheading in the Academic Regulations section of this catalog for prerequisites and description.

SPED (Special Education)

SPED 2213 Characteristics of Exceptional Learning Needs
3 credits: 3 hours lecture
Prerequisite: EDUC 1143; EDUC 2233; EDUC 2253
Study of the basic characteristics and defining factors of major disabilities categories as well as for gifted and ELL students. Addresses major laws and regulations and the collaborative roles of the general education and the special education professionals.

SPED 3413 Teaching and Assessing Students with Exceptional Needs
3 credits: 3 hours lecture
Prerequisite: Licensure Degrees Admission to Teacher Education
Instructional and assessment strategies/techniques that are appropriate for students with exceptional learning needs including gifted and ELL.

SURV Courses (Surveying)

SURV 1001 Introduction to Surveying
1 credit: 3 hours laboratory
Introduction to surveying, computer systems, geographic information systems (GIS), global positioning systems (GPS), and the Surveying (SURV) program. Terminology used in the field of survey technology is discussed. Offered: Fall.

SURV 2014 Boundary Surveying
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisite: SURV 2202 and SURV 2201
Corequisite: MATH 1033
History of Public Land Surveying Systems (PLSS), evolution of the rectangular system of land subdivision, description and computation of land areas, past and current monumentation procedures, use of surveying instruments in the field, determination of property boundaries. Evidence and procedures for boundary determination will be discussed. Offered: Fall.

SURV 2114 Plane Surveying
4 credits: 3 hours lecture, 3 hours laboratory
Prerequisites: SURV 2202, SURV 2201 and MATH 1033
Corequisite: CIS 2223
Measuring horizontal and vertical distances and angles, collection and adjustment of traverse data, area calculations, differential and trigonometric leveling, topographic surveys, control surveys, basics of astronomical observations, basic GPS theory, computations using the State Plane Coordinate System and the creation of plats using computer-aided design (CAD). Offered: Fall.

SURV 2201 Cartographic design and Drafting
1 credit: 3 hours laboratory
Prerequisites: CIS 2223 and MATH 1043
Corequisite: MATH 1033
Students will work with computer drafting software including but not limited to: AutoCAD®, ArcGIS®, Google Earth® and any other geospatial program that can enhance the understanding of computer aided drafting (CAD), cartographic interpretation and design. Offered: Spring.

SURV 2202 Coordinate Systems
2 credits: 2 hours lecture

Prerequisites: CIS 2223 and MATH 1043
Corequisite: MATH 1033
Basic coordinate geometry and coordinate systems commonly used in spatial information systems are covered. Systems included are Cartesian coordinates, State Plane coordinate systems, Latitude and Longitude, Universal Transverse Mercator coordinates, and the United States Public Land Survey System grid. Horizontal and vertical datums are discussed. Offered: Spring

SURV 3153 Survey Plats and Deeds
3 credits: 3 hours lecture

Prerequisites: MATH 1043; SURV 2014 and SURV 2114
Writing deeds and preparing plats. Terminology used in metes and bounds, condominium, coordinate, and subdivision descriptions. Legal definitions, Arkansas state code for filing plats, required plat and deed information, deed and plat searches in county records. Offered: Spring.

SURV 3264 Route and Construction Surveying
4 credits: 3 hours lecture, 3 hours laboratory

Prerequisites: MATH 1043; SURV 2202, SURV 2201 and SURV 2114
Construction of horizontal, vertical and spiral curves, cuts and fills, volume determination, road layout and construction, building layout, design and layout of a subdivision; all computer assisted. Offered: Spring.

SURV 399V Special Topics
Variable credit

Prerequisite: Permission of the instructor, advisor, and the School Dean.
Topics vary in accordance with student needs. Presentation form may vary with each offering. Course may be repeated when different topics are presented. Offered: On demand SIS 4713.

SURV 4183 Law and Professionalism in Geomatics
3 credits: 3 hours lecture

Prerequisite: Senior standing
Interpretation of legal statutes pertaining to surveying and mapping, cadastral and riparian rights, adverse possession, legal authority of spatial information systems personnel, preparation for court appearances, and conduct in court. Discussion of the moral and ethical principles guiding the professional conduct of spatial information systems personnel, professional societies' codes of ethics, moral and legal obligation to clients and community, Arkansas surveyor's code of ethics. Offered: Fall.

SURV 4454 Advanced Surveying
4 credits: 3 hours lecture, 3 hours laboratory

Prerequisites: NRM 3063, MATH 1073 or MATH 2255, and SURV 3264
Partitioning of land, introduction to vector and matrix algebra, least squares adjustment of data, map projections and state plane coordinates, coordinate transformations, triangulations, standards of accuracy and error propagation. Global positioning systems (GPS) surveying.
Students are required to take the Fundamentals of Surveying (FS) exam that is administered by the National Council of Examiners for Engineering and Surveying. Offered: Fall.

SURV 479V Independent Study in Land Surveying
Variable credit

Consult the Independent Study Courses section in the Academic Regulations chapter of this catalog for prerequisites and description. Offered: On demand.

SURV 4884 Surveying Practicum
4 credits: 1 hour lecture, 6 hours laboratory

Prerequisites: GIS 3113; GIS 4123 and Senior standing
Corequisite: SURV 4454
An integrated problem solving course to apply geographic information systems (GIS), remote sensing, global positioning systems (GPS), and surveying to solve real-world problems. Offered: Spring.

SWK Courses (Social Work)

SWK 1003 Survey of Social Work
3 Credits 3 hours Lecture

For non-social work majors. An introduction to the profession of social work, social welfare methods, and fields of social work practice with diverse populations.

SWK 2123 Introduction to Social Work
3 credits: 3 hours lecture

An introduction to the profession of social work. Social work's mission, values, and ethics are a focus in this course. An introduction to professional roles, fields of practice, and generalist practice methods with diverse populations are covered.

SWK 2133 Human Behavior in the Social Environment I
3 credits: 3 hours lecture

Prerequisites: SWK 2143 and SWK 1003 or SWK 2123 The first of a two course sequence. Provides an introduction and exploration of human development theories in the context of biological, socio-cultural, psychological, and physical environments. Analyzes theories of human behavior in the social environment from a life span developmental approach including pre-pregnancy and conception stages.

SWK 2143 Professional Writing
3 credits: 3 hours lecture and lab

Co-requisite: concurrent enrollment in SWK 2123
Provides skills in scholarly and professional writing, APA style, and documentation for professional practice.

SWK 2153 Social Welfare Policy
3 credits: 3 hour lecture

Prerequisite: ENGL 1013 and SWK 2123 or SWK 1003
Introduction to policy practice: history, politics and forces that shape policy, ethics in policy practice, arenas for policy practice, stages of policymaking, legislative processes/lobbying, policy analysis frameworks, examination of specific major social welfare policies, and policy advocacy. Emphasis on social and economic justice. Social welfare students will complete an in-depth policy analysis to include an examination of values driving the policy.

SWK 2323 Child Welfare
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 1003 or SWK 2123
Provides knowledge and skills necessary for generalist practice of Child Welfare including the processes of engagement, assessment, planning, intervention, evaluation, termination, and follow-up regarding child protection and family preservation with diverse clients across system levels.

SWK 2383 Domestic Violence
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 1003 or SWK 2123
Examines aggression/violent behavior including physical, emotional, and sexual violence from a micro, mezzo, and macro level. Tendencies toward violent behavior are examined using a biological, social, environmental, and learning perspective. Theories of victimization and various treatment modalities are presented.

SWK 3013 Social Work Values and Ethics
3 Credits: 3 Hours Lecture

Co-requisites: concurrent enrollment in SWK 2123
Provides identification, exploration and application of the professional values and ethical principles of the social work profession within the framework of the practice setting including, the rights and responsibilities of the client and professional, levels of competency, providing quality services to diverse populations, and potential conflicts between personal and professional values.

SWK 3113 Generalist Social Work Practice I
3 credits: 3 hours lecture

Prerequisites: Admission to the BSW program or permission of instructor and SWK Director.
Introduction to social work practice using the generalist intervention model with individuals, couples; families, and small groups. Systems theory, strengths perspective and ecological framework are emphasized.

SWK 3123 Cultural Diversity
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 2123
Examines commonalities and diversities among groups in our global society, and the nature of transactions among and within these groups in the U.S. The importance of cross-cultural competency in social work practice is stressed.

SWK 3213 Generalist Social Work Practice II
3 credits: 3 hours lecture

Prerequisite: SWK 2133, SWK 3113, and BSW Admission
Introduction to generalist social work practice applying the general intervention model with task groups and treatment groups. Focuses on engagement, assessment and evaluation, planning for service delivery, implementing empirically based interventions, evaluating outcomes, and follow-up with clients on the mezzo and macro system levels.

SWK 3233 Human Behavior in the Social Environment II
3 credits: 3 hours lecture

Prerequisites: SWK 2133 and BSW Admission
The second of a two course sequence. Provides exploration and application of human development theories in the context of biological, socio-cultural, psychological, and physical environments. Analyzes theories of human behavior in the social environment from a life span developmental approach including infancy and early childhood to late adulthood stages.

SWK 3243 Methods of Social Work Research I (same as CJ 3313)
3 credits: 3 hours lecture

Prerequisite: Admission to BSW program or permission of instructor and SWK Director
Statistical methods used in scientific inquiry, practice and program evaluation. Statistical analysis and interpretation are covered.

SWK 3343 Methods of Social Work Research II
3 credits: 3 hours lecture

Prerequisite: SWK 3243
Social work research methods and design. Evaluation of research-based knowledge to social work practice. Ethics and culturally competent application of research methods are covered.

SWK 4252 Social Work Field Practicum I Seminar
2 credits: 2 hour seminar

Prerequisites: Restricted to BSW majors.
A grade of "C" or better in all social work courses applied towards the degree, good academic standing as a senior in the BSW degree program, and permission of the Social Work Department's Director of Social Work Field Education. Co-requisite: SWK 4674.

SWK 4302 Social Work Field Practicum II Seminar
2 credits: 2 hour seminar

Prerequisites: Restricted to BSW majors.
A grade of "C" or better in all social work courses applied towards the degree, good academic standing as a senior in the BSW degree program, and permission of the Social Work Department's Director of Social Work Field Education.
Co-requisite: SWK 4704

SWK 4333 Social Work and Aging
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 2123
Provides knowledge and skills necessary for generalist social work practice with the geriatric population including the processes of engagement, assessment, planning, intervention, evaluation, termination, and follow-up with diverse clients across system levels.

SWK 4343 Social Work and Health Care
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 2123
Provides knowledge and skills necessary for generalist social work practice within the healthcare system including the processes of engagement, assessment, planning, intervention, evaluation, termination, and follow-up with diverse clients across system levels.

SWK 4353 Social Work and Mental Health
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 2123
Provides knowledge and skills necessary for generalist social work practice within the mental healthcare system including the processes of engagement, assessment, planning, intervention, evaluation, termination, and follow-up with diverse clients across system levels.

SWK 4373 Social Work and Substance Abuse
3 credits: 3 hours lecture

Prerequisites: ENGL 1013 and SWK 2123
Provides knowledge and skills necessary for generalist social work practice with substance abuse and/or dependency including processes of engagement, assessment, planning, intervention, evaluation, termination, and follow-up with diverse clients across system levels.

SWK 4393 Spirituality in Social Work Practice
3 credits: 3 hours lecture

Prerequisites: ENGL 1013
Identification and exploration of various religious/spiritual belief systems including how to respect and incorporate various belief systems into professional practice.

SWK 4413 Generalist Social Work Practice III
3 credits: 3 hours lecture

Prerequisite: SWK 3213
Introduction to generalist social work practice applying the general intervention model with organizations, and communities. Focuses on engagement, assessment and evaluation, planning for service delivery, implementing empirically based interventions, evaluating outcomes, and follow-up with clients on the macro system levels.

SWK 4653 Special Topics in Social Work
3 credits: 3 hours lecture

Selected topics in social work offered as student need indicates. May be repeated once for credit when topic varies.

SWK 4674 Social Work Field Practicum I
4 credits: 240 total semester hours

Prerequisites: Restricted to B.S.W. majors. A grade of "C" or better in all social work courses applied towards the degree, good academic standing as a senior in the B.S.W. degree program, and the permission of the Social Work Department's Director and Social Work Field Education Director.
A supervised practicum of at least 240 hours in an approved agency appropriate to social work; fosters the integration of classroom knowledge, valued, and ethics with practice-based knowledge that seeks to increase practice skills and promotes professional competence.

SWK 4704 Social Work Field Practicum II
4 credits: 240 total semester hours

Prerequisite: SWK 4674
A supervised practicum of at least 240 hours in an approved agency appropriate to social work; fosters the integration of classroom knowledge, values, and ethics with practice-based knowledge that seeks to increase practice skills and promotes professional competence.

SWK 479V Independent Study in Social Work
Variable credit

Consult the Independent Study Courses section in the Academic Regulations chapter of this catalog for prerequisites and description.

UST Courses (University Studies)

UST 1013 Contemporary Issues
3 credits: 3 hours lecture

NOTE: General elective credit only. May not be counted toward major, minor, or general education requirements. May not be repeated for credit. Survey of contemporary issues emphasizing international awareness and understanding.

UST 221V Field course
Variable credit

NOTE: Does not count toward major, minor, or general education. No more than 9 hours of field courses in University Studies can be counted toward graduation. A field experience in the subject indicated designed to enrich the student's background.

UST 4001 Interdisciplinary Studies Capstone

Students will complete a variety of projects written and oral designed to encourage self-analysis of career and intellectual interests in the student's chosen career field based upon the two themes selected.

By the conclusion of the course you should be able to:

1. Apply your college learning experiences to accomplish your goals.
2. Identify multiple options for employment or advanced education made available by completion of the BIS.
3. Relay the value of your educational background to your current employer or prospective employers.

WELD Courses (Welding)

WELD 1103 Blueprint Reading
3 credits: 3 hours lecture

An introduction to all facets of reading and interpreting weld prints in accordance with American Welding Society (AWS) terminology. The course also introduces basic welding metallurgy, nondestructive examination symbols and coverage of geometric dimensioning and tolerancing. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1115 Basic Welding
5 credits: 2 hours lecture, 9 hours lab

Presentation of principles of oxy-acetylene cutting equipment settings, electrode usage and selection, safety procedures and practices, and basic arc welding. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1123 Internship (optional course)
3 credits: 9 hours internship

Prerequisite: Instructor and administrator permission

Internship provides necessary time and use of equipment to apply operational skills learned in theory classes. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1215 SMAW (Shielded Metal Arc Welding)
5 credits: 2 hours lecture, 9 hours lab

Corequisite: WELD 1115 or permission of instructor and administration

A study of theory and application of Shielded Metal Arc Welding (SMAW). Students will receive instruction and practice in all position welding and welding qualification test requirements and be administered welder qualification tests. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1315 GTAW (Gas Tungsten Arc Welding)
5 credits: 2 hours lecture, 9 hours lab

Prerequisites: WELD 1115 and WELD 1215 or appropriate AWS certification for each course or permission of instructor and administration based on industry certifications/standards

A study of the principles of Gas Tungsten Arc Welding (GTAW) in relation to ferrous and nonferrous metals with practical application of carbon steel welding relative to work environments. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1401 Welding Lab I
1 credit: 3 hours lab

This course provides students with individualized instruction and lab experiences that reinforce welding principles and practices leading to AWS certification. Safety is emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1415 GMAW (Gas Metal Arc Welding)
5 credits: 2 hours lecture, 9 hours lab

Prerequisites: WELD 1115 and WELD 1215 or appropriate AWS certification for each course or permission of instructor and administration

A study of the principles of Gas Metal Arc Welding (GMAW) in relation to ferrous and nonferrous metals with practical application in aluminum, stainless steel and carbon steel. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1501 Welding Lab II
1 credit: 3 hours lab

Prerequisite: WELD 1401 or appropriate AWS certifications or permission of instructor and administration

This course is a continuation of the individualized instruction and lab experiences provided in Welding Lab I to reinforce welding principles and practices leading to AWS certifications. Safety is emphasized. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.

WELD 1513 Pipe Welding
3 credits: 1 hour lecture, 6 hours lab

Prerequisites: WELD 1215, 1315, and WELD 1415 or AWS certification earned in each prerequisite course

Instruction and lab activities are geared solely to developing the required skills to earn through testing AWS certification in pipe welding. NOTE: This course may be transferable toward a limited number of associate and baccalaureate degrees. Contact advisor for information regarding transferability.



Graduate Programs

Graduate Degrees Offered

The University of Arkansas at Monticello offers the following master's degree programs:

School of Arts and Humanities

Master of Arts in English
Master of Fine Arts in Creative Writing (M.F.A.)-online
Master of Fine Arts in Debate and Communication
Master of Music in Jazz Studies (M.M.J.S.)—low residency

School of Education

Master of Arts in Teaching (M.A.T.) – online
Master of Education (M.Ed.) – online
Master of Education (M.Ed.) in Educational Leadership – online
Master of Physical Education and Coaching (M.P.E.C.) – online

College of Forestry, Agriculture and Natural Resources

Master of Science (M.S.) in Forest Resources

Admission Requirements

The University of Arkansas at Monticello admits both degree seeking and non-degree seeking graduate students. All graduate students must first be admitted to the University, while degree-seeking students must also be admitted to a specific graduate program. It is important to note that acceptance to the University for graduate study does not guarantee acceptance to a specific graduate degree program.

Admission to the University

All students must meet the admission requirements to the University of Arkansas at Monticello before they may enroll in graduate classes. Admission to the University does not guarantee acceptance to a specific graduate degree program.

Regular Admission

Requirements for unconditional admission to UAM are:

- a baccalaureate degree from an accredited institution;
- a minimum cumulative grade point average of 2.50 or better;
- proof of required immunization; and
- completion of selective service statement.

Provisional Admission

Provisional admission may be extended to students who have not completed the university admission process at the time of registration. Official transcripts, proof of immunization, and all other required documentation submitted by the last class day of a spring or fall semester or by the last class day of a summer term. Students who do not meet the deadline may be administratively withdrawn from classes by the Registrar with no refund of tuition and fees, and the student will be ineligible to register provisionally for a future semester. Financial aid may also be affected. Questions about provisional admission should be directed to the Office of Admissions or the Office of the Registrar.

Probationary Admission

Applicants who do not meet the minimum grade point average of 2.50 may petition to the Graduate Council for probationary admission. Probationary admission will allow a student to enroll in up to 6 hours of graduate course work. To continue enrollment in graduate classes, a student admitted on probationary admission must complete all registered graduate coursework with a grade point average of 3.00 or better.

International Applicants

International applicants must provide the following to be admitted to the University: official Test of English as a Foreign Language (TOEFL) results with a minimum score of 550 (paper based) or 213 (computer-based); or 80 internet-based; and supporting documents required to receive an I-20.

Admission to a Degree Program

In addition to being admitted to the University, all students seeking admission to a specific graduate degree program must apply and be admitted to that program of study. Admission requirements for each degree program are listed under their academic unit's section of the catalog and on each graduate program's website. Acceptance into a specific graduate degree program is not guaranteed and is subject to each unit's graduate admission requirements and policies.

Application Process

Application to the University

An application for admission to the university may be obtained by contacting the UAM Office of Admissions or at the Office of Admissions' website. Submission of official transcripts is required.

UAM Office of Admissions
Student Success Center 101/103
P. O. Box 3600
Monticello, AR 71656
Telephone: (870) 460-1026
Toll Free: (800) 844-1826
Fax: (870) 460-1926
Website: http://www.uamont.edu/pages/admissions/
Online Application:
https://uamonticello.formstack.com/forms/admissions_application

Application to a Specific Graduate Program

The following steps are required to apply to a specific degree program:

- Apply for admission to the University.
- Identify the graduate program in which you are interested.
- Check that graduate program's admission requirements and application deadlines located in this catalog or on the graduate program's website. Failure to meet any application deadlines will result in an incomplete application which may not be processed.
- Contact the program's graduate coordinator for additional information.
- Submit a completed application and all required documentation to the graduate program coordinator by the established deadline. For the School of Education, include two (2) OFFICIAL transcripts from ALL previously attended colleges and universities.

School of Arts and Humanities

Master of Arts in English
Master of Fine Arts in Creative Writing (M.F.A.) Degree
http://www.uamont.edu/pages/school-of-arts-humanities/mfa-creative-writing-program/
Master of Fine Arts in Debate and Communication
Master of Music in Jazz Studies (M.M.J.S.)
http://www.uamont.edu/pages/department/division-music/

School of Education

Master of Arts (M.A.T.) Degree in Teaching
Master of Education (M.Ed.) Degree
Master of Education (M.Ed.) Degree in Educational Leadership
Master of Physical Education and Coaching (M.P.E.C.) Degree
http://www.uamont.edu/pages/school-of-education/degree-programs/

College of Forestry, Agriculture and Natural Resources

Master of Science (M.S.) Degree in Forest Resources
http://www.uamont.edu/pages/school-of-forest-resouces/graduate-degrees/

Acceptance of Transfer Credit

Up to nine transfer credits may be accepted from another institution for inclusion into a student's UAM graduate academic record. No courses with grades below a "B" or older than 6 years will be accepted for transfer credit. Acceptance of transfer credit toward the

student's degree plan must be approved by the degree program committee, the graduate coordinator and the dean of the school.

Enrollment Limits for Non-Degree Seeking Students

Non-degree seeking graduate students will be allowed to take no more than 6 hours of coursework from any graduate degree program of study prior to being fully admitted to that graduate degree program. Credits completed by non-degree seeking students at UAM may be transferred towards a degree program subject to the specific program's degree program committee, the graduate coordinator and the dean of the school.

Inactive Students

A graduate student who has not been enrolled for one semester or more will be classified as inactive. To resume graduate study, the student must reapply for admission to the University and their specific graduate program. Refer to individual graduate program requirements.

Course Loads and Course Work

The maximum course load is 12 credit hours during the spring or fall semesters and 6 hours for each summer session. To be considered full-time status during the academic year, graduate students must enroll in 6 hours during the fall and spring semester. Students who hold a graduate assistantship must enroll for a minimum of 6 hours during the fall and spring semesters. Students who hold assistantships should refer to their specific degree programs for enrollment requirements.

Normally, courses older than six 6 years will not apply to a graduate program of study. Acceptance of courses older than six years must be appealed to the Graduate Council.

Independent Study

A graduate student's intellectual growth can be enriched when he/she is engaged in independent study.

Independent study courses may require extensive independent study, research, formal written reports and regular conferences with the instructor. A detailed description of the independent study and its requirements must be submitted for approval to the instructor, graduate coordinator, dean/chair, and Vice Chancellor for Academic Affairs/Graduate Dean. A student may complete only one independent study course each semester. Independent study should not duplicate existing courses in the academic catalog.

Only students who have been admitted to a degree program will be eligible for independent study. Normally, a maximum of six hours of independent study may apply to a degree program.

Professional Development Courses

Courses offered specifically for the purpose of professional development are designated with a PD course prefix. These courses focus on the exact skill development needed by the professional that is relevant for a specific need and purpose. PD courses are not transferable into a master's degree graduate program of study at the University of Arkansas at Monticello.

Grades and Academic Status

Final Grades for courses are A, B, C, D, F, CR, or I
These grades indicate the following:
A--Excellent graduate work
B--Good graduate work
C--Marginal graduate work
D--Poor graduate work
F--Failing graduate work
CR--Credit
I--Incomplete

No credit is earned for courses in which a grade of "D" or "F" is recorded and courses must be repeated with a satisfactory grade for earned credit. An "I" may be assigned to a student who has circumstances that have prevented completion of all work and the work completed is of passing quality. The course requirements must be completed by the deadline set by the instructor for the "I" to be changed to a grade. If the requirements are not met by the deadline, the "I" will be changed to an "F". Students whose grade record includes three courses in their approved graduate program of study with grades of "C" or lower will be dismissed from their graduate program.

Advisement Reports

Prior to the completion of 15 graduate-level hours, graduate students must have an advisement report on file in the Office of the Registrar. Graduate students who have completed 15 graduate-level hours must have a signed advisement report on file to register for the next enrollment period. Advisement reports must include the signature of the student, advisor, graduate coordinator, Dean, and Registrar.

Undergraduate Students Enrolling in Graduate Courses

Qualified undergraduate students may be permitted to enroll in graduate courses for either undergraduate or graduate credit within the following guidelines. Only undergraduate students within 30 hours of graduation may petition to enroll in graduate courses through the Vice Chancellor for Academic Affairs/Graduate Dean. A minimum cumulative grade point average of 3.00, approval by the course instructor, faculty

advisor, graduate coordinator, and consent of the dean or chair of the offering unit must be presented as part of the petition. When circumstances warrant, upon petition from the student, the Graduate Council may authorize awarding graduate credit. An undergraduate student enrolling in graduate courses for graduate credit may not apply such credits to undergraduate degree requirements.

Academic Conduct Code

Academic dishonesty involves any act that undermines the professional standards and integrity of the academic programs at the University of Arkansas at Monticello. Academic dishonesty includes, but is not limited to: A) cheating, B) plagiarism; and C) misuse of University documents.

Academic dishonesty is considered unsatisfactory progress and may result in an "F" grade(s), withdrawal from a course(s), dismissal from the UAM Graduate School and/or from the graduate degree program. The level of penalty is determined by the faculty member, advisor, school dean, and Vice Chancellor for Academic Affairs/Graduate Dean.

Dismissal

Any graduate student whose course work is unsatisfactory or who violates good student conduct or campus employment rules may be dismissed from graduate courses or graduate programs.

Policy and Regulation Changes

The University reserves the right to change any other regulations affecting the student body. Changes shall become effective whenever the proper authorities so determine, and shall apply not only to prospective students but also to those currently enrolled in the University.

Graduation Under a Particular Catalog

Students have a maximum of six years to graduate under the catalog in effect at the time of their admission to a specific graduate program.

Students have the following two options: 1) abiding by the requirements of the UAM catalog in effect at the time of their original enrollment, or 2) abiding by a more current active UAM catalog, as long as they were enrolled at UAM during the period that the catalog was in effect. Changes in academic programs or actions taken by authorities external to the University (e.g., accrediting agencies or state agencies) may make it necessary for a student to move to a more recent catalog.

Second UAM Master's Degree

A maximum of 12 semester hours, but not more than one third of the total course requirements of the second UAM master's degree, may be fulfilled by coursework completed for a previous UAM master's degree.

Courses applied to a second UAM master's degree program from another completed UAM master's degree program must be specifically approved by the student's major advisor, graduate coordinator, school dean, and the Dean of the Graduate School.

Appeals of Academic Policy

Appeal rights are open to all students in graduate programs. Appeals should be initiated through the graduate student's advisor and pursued with the school dean, Vice Chancellor for Academic Affairs/Graduate Dean, and the Graduate Council.

Commencement

All graduate course and thesis requirements must be satisfactorily completed prior to participation in commencement. Graduate students lacking other degree requirements may complete a "Graduate Request for Participation in Commencement" form in the office of the graduate dean. All requests for participation in commencement will be considered on an individual basis.

School of Arts and Humanities

Graduate Faculty

Professors G. Meggs, Pack, Spencer (Dean), Stewart, and Walter; Associate Professor Borse and Bloom; Assistant Professors Anders, Hylton (MFA-CW Director), Key (MFA-Debate Director), Nugent and Olsen; Instructors Englert and Smith (MM Director).

Mission Statement

The School of Arts and Humanities offers the Master of Arts in English, Master of Fine Arts in Creative Writing, Master of Fine Arts in Debate and Communication, and the Master of Music in Jazz Studies. These programs have distinct missions, objectives, admission requirements, and curricula.

Master of Arts in English

The School of Arts and Humanities offers the Master of Arts in English to provide opportunity to talented and highly self-disciplined individuals to earn an MA tailored to fit their lifestyles, interests, and goals and to develop their writing, critical thinking, and literary analysis skills to an exemplary level through study under successful and dedicated instructors from a range of backgrounds and aesthetic perspectives. Our program offering includes four (4) concentrations: Literature, Children's and Adolescent Literature, Rhetoric and Writing, and Creative Writing.

The mission of the MA program is directly related to the mission of the university in that it enhances individuals' abilities to think creatively and critically, to effectively communicate, to be technologically literate, to appreciate and contribute to the cultures of their communities and beyond, and to possess awareness and sensitivity to global issues.

Expected Student Learning Outcomes

A graduate of the Master of Arts in English from the University of Arkansas at Monticello will:

- Demonstrate a broad knowledge of the major texts and traditions of language and literature as well as their social, cultural, theoretical, and historical contexts.
- Be able to critically read and interpret a variety of texts so as to demonstrate in writing and speech the comprehension and analysis of those texts in a significant manner.
- Be able to design and produce texts for a variety of purposes and audiences including scholarly research and material suitable for submission to national journals.

Student Advising

All MA students are advised by the MA Director to assure that program requirements are being met and that each student is progressing toward completion of the degree.

Transfer Credit

A maximum of nine hours of graduate-level work can be transferred from other accredited universities with the approval of the MA Director and the Dean of the School of Arts and Humanities. No course with a grade lower than "B" can be transferred.

Thesis

The final 6 credit hours consist of ENGL 598V Thesis, in which students complete a thesis of approximately 40-80 pages with a bibliography; length and topic to be determined and approved by the student and their thesis faculty-mentor and another faculty member.

Master of Arts in English Program of Study

Core Requirements	18 hours
Concentration Requirements	12 hours
ENGL 598V MA Thesis	6 hours
TOTAL	36 hours

Master of Fine Arts in Creative Writing

The School of Arts and Humanities offers the Master of Fine Arts in Creative Writing (http://www.uamont.edu/pages/school-of-arts-humanities/mfa-creative-writing-program/) to provide opportunity to talented and highly self-disciplined individuals to earn an MFA tailored to fit their lifestyles, interests, and goals and to develop their creative writing, critical thinking, and literary analysis skills to an exemplary level through study under successful and dedicated writer-teachers from a range of backgrounds and aesthetic perspectives.

The mission of the MFA program is directly related to the mission of the university in that it enhances individuals' abilities to think creatively and critically, to effectively communicate, to be technologically literate, to appreciate and contribute to the cultures of their communities and beyond, and to possess awareness and sensitivity to global issues.

Expected Student Learning Outcomes

A graduate of the Master of Fine Arts in Creative Writing from the University of Arkansas at Monticello will demonstrate:

- A broad knowledge of literary history, particularly in the student's genre.

- A depth of knowledge regarding modern and contemporary literary works, particularly in the student's genre.
- The ability to interpret and evaluate sophisticated literary works, particularly in the student's genre.
- The production of creative work of a quality making it competitive for publication in national journals and with national publishing houses.

Admission Requirements

A student who is admitted to the Master of Fine Arts in Creative Writing program must:

1. Hold a baccalaureate degree from a fully accredited college or university;

2. Have a grade point average of 3.0 or higher;

3. Submit 3 letters of recommendation from writers, editors, or educators qualified to judge the applicant's potential for success in a graduate online/low-residency writing program;

4. Submit a creative-writing sample: Twenty pages of creative-writing indicating talent, discipline, potential growth, and interests and intentions that can be well served by the UAM MFA program;

5. Submit a critical analysis: Three pages exploring some aspect or element of craft in a literary work; and

6. Submit a personal essay of 3 pages addressing the following:

   a. Applicant's background in the study of creative writing and literature.
   b. Literary influences on applicant's writing.
   c. How applicant's work, family, or other obligations will accommodate devoting 20 to 25 hours per week to writing and to the completion of other program requirements.
   d. Reasons why an online/ low-residency MFA program suits the applicant's level of experience and goals for future development as a writer.

Graduate Assistantships

Contingent annually upon budget approval, Graduate Assistantships may be awarded to a small number of qualified students on a competitive basis. Graduate Assistants teach one online section of an undergraduate English course per semester in exchange for a waiver of graduate tuition costs up to 9 credit hours for that semester. Blackboard (online learning management system) training is required. Graduate Assistants are closely mentored by the Director of Composition.

Student Advising

All MFA students are advised by the MFA Director to assure that program requirements are being met and that each student is progressing toward completion of the degree.

Transfer Credit

A maximum of nine hours of graduate-level work can be transferred from other accredited universities with the approval of the MFA Director and the Dean of the School of Arts and Humanities. No course with a grade lower than "B" can be transferred.

Thesis

The final 6 credit hours consist of ENGL 519V MFA Thesis, in which students complete a book-length manuscript of publishable quality that must be approved by both the thesis-semester Faculty Mentor and another faculty member. In addition, the student must submit a 5-to-7 page critical essay to demonstrate competence as a critical reader, a broad knowledge of literary history, and a depth of knowledge of contemporary literature.

Master of Fine Arts in Creative Writing
Program of Study

ENGL	5003	Introduction to Graduate Study and Critical Methods	3 hours
ENGL	5103	Advanced Workshop: Form & Craft	3 hours
ENGL	517V	Writer's Workshop	12 hours
ENGL	519V	MFA Thesis	6 hours
		Electives	24 hours
TOTAL			48 hours

Master of Fine Arts in Debate and Communication

Mission Statement

The School of Arts and Humanities offers the Master of Fine Arts in Debate and Communication to provide opportunity to talented and highly self-disciplined individuals to earn a Master of Fine Arts tailored to fit their lifestyles, interests, and goals and to develop their debate teaching, coaching, research, and administration skills to an exemplary level through study under successful debate coaches and scholars from a variety of backgrounds.

The mission of the MFA program is directly related to the mission of the university in that it enhances individuals' abilities to think creatively and critically, to effectively communicate, to be

technologically literate, to appreciate and contribute to the cultures of their communities and beyond, and to possess awareness and sensitivity to global issues.

Expected Student Learning Outcomes

A graduate of the Master of Fine Arts in Debate and Communication from the University of Arkansas at Monticello will demonstrate:

- A broad knowledge of argumentation theory and pedagogy.
- An exceptional depth of knowledge regarding successful coaching and administration of competitive debate teams.
- The ability to interpret, evaluate, and critique research related to debate and forensics.
- The production of original research that contributes new knowledge to the field of debate and forensics.

Admission Requirements

A student who is admitted to the Master of Fine Arts in Debate and Communication program must:

1. Hold a baccalaureate degree from a regionally accredited college or university;
2. Have an undergraduate or graduate degree in Communication or closely related field;
3. Be currently employed by a secondary or postsecondary educational institution with duties that include being the primary or assistant coach for a competitive debate program;
4. Submit a writing sample demonstrative of the applicant's potential for success in a graduate program.
5. Submit a curriculum vita detailing the applicant's previous education, academic achievements, and experience and accomplishments as an educator and debate coach.
6. A 2-3 page personal essay addressing the following:
    a. Applicant's background in competitive debate coach
    b. Applicant's goals and expectations for their graduate education
    c. How applicant's work, family, or other obligations will accommodate devoting 20 to 25 hours per week to coursework and to the completion of other program requirements.
    d. Reasons why an online MFA program suits the applicant's level of experience and goals for future development as a debate coach.

Graduate Assistantships

Contingent annually upon budget approval, Graduate Assistantships may be awarded to a small number of qualified students on a competitive basis. Graduate Assistants teach one online section of an undergraduate Communication course per semester in exchange for a waiver of graduate tuition costs up to 9 credit hours for that semester. Blackboard (online learning management system) training is required. Graduate Assistants are closely mentored by the MFA Director.

Student Advising

All MFA students are advised by the MFA Director to assure that program requirements are being met and that each student is progressing toward completion of the degree.

Transfer Credit

A maximum of nine hours of graduate-level work can be transferred from other accredited universities with the approval of the MFA Director and the Dean of the School of Arts and Humanities. No course with a grade lower than "B" can be transferred.

Length of Program

The MFA requires completion of 48 semester credit hours. Students will typically complete all degree requirements within 3 years.

Academic Status

Students will receive grades of A, B, C, or F in all courses except Comprehensive Exams and Prospectus which will receive a CR when completed. If a student receives a grade of C, he or she will be placed on probation for a semester. If a student receives two grades of C or one grade of F, he or she will be expelled from the program. A student cannot hold a Graduate Assistantship if he or she is on probation.

Mentor & Committee

By the time a student has completed 18 hours, he or she must select a faculty mentor to be their committee chair. The mentor may be a full-time graduate faculty member or a member of the adjunct graduate faculty. In consultation with their mentor, the student will select a committee of 3-5 faculty members. Full-time graduate faculty must make up the majority of the committee and all committees must include the MFA Director.

Comprehensive Exams

After a student completes COMM 5343, COMM 5003, COMM 5333, COMM 5233, COMM 5113, and COMM 5383, he or she is eligible to take comprehensive exams. The student will register for

COMM 580V the semester they take exams. The student will receive 3 total questions authored by their committee over the areas of Coaching, Administration, and Research over the course of one week with 48 hours to complete and submit each question. No earlier than one week from the submission of the third question, the student will video conference with their committee to defend their exams. In order to pass, a student must receive a passing vote from all members of the committee. If the committee does not pass the student, he or she will be given an opportunity to revise their answers and a second opportunity at defense. If the student does not pass the second defense, they will be terminated from the program.

Prospectus

Following the completion of comprehensive exams, a student will enroll in COMM 580V and will be continuously enrolled until they pass their prospectus. In order to pass, they must submit an original research proposal to their thesis committee and defend by video conference no earlier than a week after submission. The student must have IRB approval for any study involving human subjects prior to submitting the prospectus. The student must receive a passing vote from all committee members in order to pass the prospectus. Upon passing, the student will be admitted to candidacy.

Thesis

Once a student has passed their prospectus, he or she will enroll in COMM 598V and remain continuously enrolled until the completion of the degree. A minimum of 6 hours of COMM 598V must be completed, though some students may need to take the course for more hours due to the time required to complete their theses. Once the student and mentor are satisfied with the quality of the work, the student will provide all committee members with a copy of their thesis and schedule a video conference defense no earlier than 2 weeks after submission. In order to pass, all committee members must vote in favor of passing the student but can require revisions to be completed even with a passing vote. A student has only one opportunity to defend their thesis. If they do not pass, they will be immediately terminated from the program.

COMM 5223 Proseminar .....**3 hours**

Coaching Requirement: .....15 hours

COMM 5003 Advanced Argumentation & Debate
COMM 5343 Forensics Pedagogy

Choose 3 of the following courses:

COMM 5013 Advanced Parliamentary Debate Coaching
COMM 5023 Advanced Policy Debate Coaching
COMM 5033 Advanced Public Debate Coaching
COMM 5043 Advanced Value Debate Coaching

Administration Requirement: .....9 hours

COMM 5113 Professional Behavior
COMM 5233 Debate Team Administration
COMM 5333 Debate Team Management

Research Requirement: .....9 hours

COMM 5383 Research Methods for Forensics

Choose 2 of the following:

COMM 5213 Critical & Textual Research Methods
COMM 5413 Qualitative Research Methods
COMM 5423 Quantitative Research Methods

Electives .....6 hours

6 hours of graduate courses outside COMM.

Thesis Requirement:.....6 hours

COMM 580V Comprehensive Exams
COMM 550V Prospectus
COMM 598V Thesis

Total.....48 hours

Master of Music in Jazz Studies

Mission Statement

The School of Arts and Humanities offers the Master of Music in Jazz Studies to provide opportunity to talented and highly self-disciplined music educators and performers to earn an Master of Music (MM) tailored to fit their lifestyles, interests, and goals and to develop their understanding of jazz history and theory, as well as enhance their performance skills, through study under successful and dedicated performers and teachers from a range of backgrounds and aesthetic perspectives.

The mission of the MM program is directly related to the mission of the university in that it enhances individuals' abilities to think creatively and critically, to effectively communicate, to be technologically literate, to appreciate and contribute to the cultures of their communities and beyond, and to possess awareness and sensitivity to global issues.

Expected Student Learning Outcomes

A graduate of the Master of Music in Jazz Studies from the University of Arkansas at Monticello will:

- Possess exceptional knowledge, understanding, and critical-thinking skills pertaining to jazz history, forms, genres, performance practice, and notation;
- Demonstrate a highly developed ability to think creatively and analytically about jazz theory and apply his or her knowledge and skills to music performance.
- Perform Jazz music and improvisation at a highly proficient level on his/her instrument.

Admission Requirements

1. Bachelor of Music Degree (B.A., B.M., or B.M.E.) or other bachelor's degree with at least 18 credit hours in one of the following areas:
    a. Music Performance
    b. Music Education
    c. Jazz Studies
2. Competency on at least one of the following instruments: Saxophone, trumpet, trombone, drum set, piano, guitar, and bass.
3. Undergraduate GPA of 2.5 or higher.
4. Three-part recorded audition:
    a. Two contrasting standard jazz tunes with head and improvisation
    b. Specific jazz scales and modes
    c. A jazz tune of the applicant's choice

Graduate Assistantships

Contingent annually upon budget approval, Graduate Assistantships may be awarded to a small number of qualified students on a competitive basis. Graduate Assistants carry a workload equivalent to teaching six credit hours each semester in exchange for a waiver of all graduate tuition for courses required in the Master of Music in Jazz Studies at the University of Arkansas at Monticello. Graduate Assistants are closely mentored by one or more Music faculty.

Student Advising

All MM students are advised by the Director of the Master of Music in Jazz Studies to assure that program requirements are being met and that each student is progressing toward completion of the degree.

Transfer Credit

A maximum of nine hours of graduate-level work can be transferred from other accredited universities with the approval of the Director of the Master of Music in Jazz Studies and the Dean of the School of Arts and Humanities. No course with a grade lower than "B" can be transferred.

Academic Status

MM students will receive grades of A, B, C, or F in all courses. Students must maintain a minimum grade-point average of 3.0 on a 4.0 scale. If a student's GPA falls below 3.0, the student will be placed on probation for one semester. After the probationary semester, the student's GPA must be 3.0 or higher or the student will be expelled from the program. A student cannot hold a Graduate Assistantship if he/she is on probation.

Course Load

MM students are expected to adhere to a rigid curriculum as described below.

Length of Program

The MM requires successful completion of 30 semester credit hours. Time frame – July to July

Program of Study

Summer II Term – 6 credits

MUS 5016 Gateway Residency (two week intensive program)

Fall Semester – 9 credits

MUS 5023 Private Lesson
MUS 5033 Jazz Theory and Arranging
Three hours of graduate-level MUS electives

Spring Semester – 9 credits

MUS 5023 Private Lesson
MUS 5033 Jazz History
Three hours of graduate-level MUS electives

Summer II Term – 6 credits

MUS 5906 Capstone Residency

Among the variety of Residency requirements*, the following Capstone Residency requirements must be met for graduation:

1. A written comprehensive examination, in which the student must demonstrate a satisfactory knowledge of their field of study; and;
2. A public recital or performance.

School of Education

Graduate Faculty

Professors Massey and Longing; Associate Professors Guizar, Hunnicutt, and Shahan; Assistant Professors Baldwin, Gray, and Wilkerson; Instructors Brannon, Frazer, Givhan, Jackson, Level (Dean), and Wilson.

Mission Statement

The University of Arkansas at Monticello School of Education is committed to the development of highly qualified candidates. The School of Education embraces the responsibility to prepare candidates to live and work in a rapidly changing, diverse world. Candidates are challenged to achieve the highest level of proficiencies defined in the UAM School of Education's Conceptual Framework and as modeled by the UAM School of Education faculty. The Conceptual Framework is comprised of five strands: knowledge, pedagogy, diversity, professionalism and technology. The candidates' understanding of the Conceptual Framework is progressively developed as he/she advances through the various professional education programs. The UAM School of Education is dedicated to developing highly qualified professional educators through a partnership with the Southeast Educational Cooperative, area public schools, the university community, and supportive agencies in Arkansas' high-need geographical areas.

Graduate Program Goals

The graduate programs in the School of Education are developed around standards that govern accomplished teaching, including the National Board for Professional Teaching Standards. Additionally, standards from discipline-specific learned societies are referenced in course materials and activities. Graduate students in the advanced programs in the School of Education are expected to:

- Develop an in-depth understanding of advanced principles and theories of teaching and learning;
- Acquire an attitude of inquiry and curiosity for learning that permeates instruction;
- Conduct action-based research that demonstrates that students are learning and achieving;
- Collaborate with other professional educators and leaders to address issues and concerns in education;
- Demonstrate the ability to become educational leaders who have the potential to make a difference in their individual educational settings.

Degrees Offered

The School of Education offers four advanced degrees, all of which are online:

Master of Education (M.Ed.) degree
Master of Education (M.Ed.) in Educational Leadership
Master of Arts in Teaching (M.A.T.) degree
Master of Physical Education and Coaching (M.P.E.C.) degree

Master of Education

The Master of Education program is a three-track graduate program designed for licensed teachers who wish to advance their professional knowledge base and their content knowledge. All candidates will take 12 hours of Advanced Professional Foundation courses.

Master of Education (M.Ed.) in Educational Leadership

The Master of Education degree in Educational Leadership program prepares candidates to be a P-12 Building Level Administrator. The curriculum is based on the standards of the Educational Leadership Constituent Council (ELCC) and the Interstate School Leaders Licensure Consortium (ISLLC).

Master of Arts in Teaching (M.A.T.)

The Master of Arts in Teaching (M.A.T.) is a 30-hour accelerated program designed to prepare candidates for teacher licensure who have undergraduate degrees in any area and who pass the Praxis II examination in the content area in which they are seeking a license.

Master of Physical Education and Coaching (M.P.E.C.)

The online Master of Physical Education and Coaching program includes 30 semester hours in five components: methodology, science, socio-culture, administration and coaching. The primary focus of the program is to advance knowledge and instructional expertise in sport-related settings. The degree does not prepare students for a teaching license. An individual interested in pursuing the online Master of Physical Education and Coaching degree must hold a baccalaureate degree from an accredited university. This graduate program in Physical Education and Coaching is designed to prepare a student for leadership in fitness exercise, strength and conditioning, athletic coaching and/or athletic-related careers.

Important Steps in the Graduate Program:

1. Apply to the University of Arkansas at Monticello.
2. Apply to the School of Education Graduate Program.
3. Complete all appropriate admission requirements.
4. Obtain a major advisor.
5. With major advisor, prepare a Program of Study.
6. Apply for Degree Candidacy.
7. Successfully pass PRAXIS II Principles of Learning and Teaching (M.A.T only).
8. Graduation.

Admission Requirements and Classifications

The first step in the admission process for the School of Education graduate program is to be admitted with graduate status to the University of Arkansas at Monticello. After being admitted to the University of Arkansas at Monticello, students are then eligible to apply for admission to the School of Education graduate program. Applications for graduate programs are available in the office of the Coordinator for Graduate Programs for the School of Education.

Admission to the Master of Education (M.Ed.) Programs

Students seeking admission to the School of Education's Master of Education degree and the Master of Education degree in Educational Leadership must fulfill the following requirements:

1. Have a cumulative grade point average of 3.0 overall or a 3.0 grade point average in the last 60 hours of coursework from an accredited college or university;
2. Provide evidence of passing state-mandated licensure examinations in the appropriate teaching fields and hold an Arkansas Teacher Licensure;
3. Submit three letters of recommendation from individuals who are familiar with the student's academic achievement, teaching proficiency, and/or community and service involvement. No more than one recommendation may come from School of Education faculty.

Admission to the Master of Arts in Teaching (M.A.T.) Program

All candidates must apply for admission to the University of Arkansas at Monticello in the Office of Admissions and complete an application for the School of Education graduate program. Individuals applying to the M.A.T. program must provide the following to the School of Education Graduate Coordinator:

- Bachelor of Arts or a Bachelor of Science degree from a regionally accredited college or university and verified with official transcripts from each college/university attended;
- Successful criminal background check;
- ACT Scores of Math 20; Reading 20; and Writing 6;
- Passing scores on the appropriate PRAXIS II Subject area Assessment for which licensure is sought;
- Evidence of a minimum cumulative undergraduate or graduate grade point average (GPA) of 2.70 or a minimum GPA of 3.0 for the last 60 credit hours of coursework.

Academic Status

All candidates admitted to the School of Education graduate programs are required to maintain a minimum cumulative grade point average of 3.00 in all coursework taken regardless of admission status. A graduate candidate may apply no more than two courses with a grade of C toward a degree or graduate endorsement. The candidate must maintain a cumulative GPA of 3.00 or above at all times during the degree program of study and to be recommended for graduation. Upon the recommendation of the Graduate Coordinator and approval by the School of Education Dean, a candidate may repeat a course (only once) in which a grade of C, D, or F was received. Courses with a grade of D or F must be repeated. The new grade will substitute for the old grade in the computation of the grade point average by the Registrar; however, all grades will appear on the transcript. A candidate who fails to maintain a cumulative GPA of 3.00 or above will be suspended from the School of Education Graduate Program. Appeals of suspension may be made to the UAM Graduate Council. Grades earned in transfer courses or courses taken as a non-degree seeking graduate course taker are not included in calculating the GPA for School of Education graduate status.

A grade of "I" may be assigned to a course if a student has circumstances that have prevented completion of all work and the work completed is of satisfactory quality. The course requirements must be completed by the deadline set by the instructor for the grade of "I" to be changed to a different letter grade. If the requirements are not met by the deadline, the grade of "I" will be changed to an "F."

Graduate candidates are expected to make regular and steady progress in the degree and/or endorsement program of study. The Graduate Coordinator will conduct evaluations of candidates' work each year to assist candidates in selecting appropriate courses and to ensure that a candidate is making steady progress toward his/her educational goals.

Arkansas State Licensure Examinations for MAT Candidates

To complete the MAT program and become eligible for graduation with an M.A.T degree, all teacher candidates must successfully pass both the Specialty Area test and the Principles of Learning and Teaching (PLT) examination as required by Arkansas Department of Education for licensure.

Continuous Enrollment

All degree-seeking graduate candidates in the Master of Education or the Master of Education in Educational Leadership degrees who are completing a research course or internship are required to enroll for at least one credit hour in EDFD 503V Practicum/Research until all requirements are fulfilled. The credit will appear as an "R" (registered/no credit) on the candidate's transcript for each semester enrolled until all requirements are completed. Upon completion of all requirements, each occurrence of "R" will be changed to "CR."

A candidate who has completed all degree requirements with the exception of a research project or internship and has not enrolled in graduate courses for two semesters must receive written permission from the School of Education Graduate Coordinator for a limited period of inactivity or the candidate will be dismissed from the School of Education graduate program Normally, an approved period of inactivity should not exceed one calendar year. Faculty are under no obligation to assist a candidate with his/her graduate work when the candidate is not enrolled.

Major Advisor

After the student is successfully admitted to the appropriate graduate program in the School of Education, a major advisor is assigned by the Dean of the School of Education. This assignment of the advisor will be based on the candidate's area of study and interests. The advisor will provide assistance in the completion of forms dealing with a Program of Study, Degree Candidacy, and Comprehensive Research Committee. The major advisor and the candidate work closely to ensure appropriate progress through the program.

Program of Study

All students must complete a program of study with the assistance of the major advisor. The program of study is intended to provide guidance and direction for degree completion. Programs of study must be signed by the student and approved by the major advisor, the Coordinator for Graduate Programs, and the Dean of the School of Education. Following approval, the Program of Study is forwarded to the Registrar's Office.

Admission to Degree Candidacy

Master of Arts in Teaching

To be eligible for degree candidacy in the M.A.T program, students must successfully pass the PRAXIS area Assessment. The Praxis Principles of Learning and Teaching examination must be passed for degree completion.

Comprehensive Examination

Candidates in the M.Ed. program that complete a program of study containing content area course work must satisfactorily complete a written comprehensive examination in the appropriate concentration area. The comprehensive examination will consist of essay questions and will be graded on content and composition. Candidates who fail comprehensive examinations will be informed in writing of deficiencies and notified of the time when a second comprehensive examination will be administered. Failing students may be required to complete additional courses and must petition for more than one retake. Additionally, candidates have one year from the first failure to retake the sections of the comprehensive examination which were not passed.

Graduation

To graduate from Master's programs in the School of Education, students must complete ALL requirements including passing the appropriate exit examinations.

Policies and Procedures

Appeals

Appeal rights are open to all students who are denied admission or continuation in graduate programs. Appeals must be initiated with the advisor and may be pursued with the Dean of the School of Education and the Vice Chancellor for Academic Affairs/Graduate Dean.

Course Loads

Normally, the maximum course load must not exceed 12 graduate hours during the fall and spring semesters. Normally, the maximum load for each summer term is six hours.

Acceptance of Transfer Credit

Acceptance of transfer credit for the M.Ed. degree and the M.A.T is based on the nature, quality and recency of the credit. Special consideration will be given to transfer students from other public institutions of the State, especially those in the University of Arkansas system.

Time Frames

Students enrolled in the Master of Education program can expect to complete the program in a one-two year time period. Most students in the MAT program can expect to complete the program within a 12-month time frame. All course work included in the program of study must be recent.

Courses older than six years must be appealed to the Graduate Council. Normally, courses older than six years will not apply to a graduate program of study.

Independent Study

Independent study and research courses will require extensive independent study and research, formal written reports and regular conferences with the instructor. A detailed description of the proposal and its requirements will be submitted for approval to the instructor, the Coordinator for Graduate Programs, the Dean, and the Vice Chancellor for Academic Affairs. Candidates may complete only one independent study/research project per semester. Independent study/research proposals should not duplicate existing courses in the academic catalog.

Expulsion

Any education graduate student whose course work is unsatisfactory or who violates student conduct or employment rules may be withdrawn from the School of Education Graduate Program at any time upon the recommendation and agreement of the advisor, the Coordinator for Graduate Programs, and the Dean of the School of Education.

Master of Education (30-33 hours)

The Master of Education program is a three-track graduate program designed for licensed teachers who wish to advance their professional knowledge base and their content knowledge.

Advanced Professional Core Courses ..... 6-9 hours

EDFD	5033	Public School/Community Resources	3 hours

*Course required for Track One and Track Two only

EDFD	5073	Research and Assessment for School Improvement	3 hours
EDLD	5523	Culturally Responsive Teaching	3 hours

Track One

Candidates in this track will take courses that emphasize teacher leadership skills and best teaching practices.

Emphasis in Teacher Leadership..... 21 hours

EDLD	5223	Supervision of Instruction	3 hours
EDLD	5483	Curriculum Development	3 hours
EDLD	5623	Developing Leaders	3 hours
EDLD	5633	Using and Understanding Data for School Improvement	3 hours
READ	5013	Foundations of Teaching Reading	3 hours
READ	5023	Teaching Disciplinary Literacy	3 hours
SPED	5013	Introduction to Special Education	3 hours

Track Two

Candidates in this track may take content area course work in Math, Science, English, or Social Studies. Additionally, candidates should consult with an advisor to design their program of study. The candidate, in consultation with the advisor, may select all twelve hours in one content area or a combination of any of the four content areas. Candidates in this track will be required to take a comprehensive examination that would be developed to be consistent with their program of study. This track does not lead to additional licensure in any content area.

Emphasis in Content Areas ..... 18 hours

Track Three

Candidates in this track are teachers who currently possess an Arkansas teaching license and seek to add a K-12 Special Education endorsement. This additional licensure requires completion of 21 hours of Special Education coursework and a passing score on the appropriate Praxis II exam required by the state of Arkansas.

Emphasis in Special Education ..... 24 hours

SPED	5043	Application of Assessment Data for Exceptional Learners	3 hours
SPED	5083	Characteristics of Exceptionality	3 hours
SPED	5093	Collaboration and Consultation	3 hours
SPED	5103	Teaching Methods for Persons with High Needs Exceptionalities	3 hours
SPED	5113	Teaching Methods for Persons with Exceptionalities in Grades K-6	3 hours
SPED	5123	Providing Positive Behavioral Supports in the Classroom Environment	3 hours
READ	5013	Foundations of Teaching Reading	3 hours
READ	5023	Teaching Disciplinary Literacy	3 hours

TOTAL ..... 21 hours

Master of Education in Educational Leadership

Core Courses:

EDFD	5523	Culturally Responsive Teaching	3 hours
EDFD	5073	Educational Research and Assessment for School Improvement	3 hours

Major Courses:

EDLD	5033	Public School/Community Relations	3 hours
EDLD	5213	Public School Organization and Administration	3 hours
EDLD	5223	Supervision of Instruction	3 hours
EDLD	5483	Curriculum Development	3 hours
EDLD	5623	Developing Leaders	3 hours
EDLD	5633	Using/Understanding Data for School Improvement	3 hours
EDLD	5413	Building Leader Internship I	3 hours
EDLD	5673	Instructional Leadership Internship I	3 hours

Master of Arts in Teaching (MAT)

Required Program of Study

Summer I

EDFD	5043	Instructional Technology	3 hours
EDUC	5063	Introduction to Teaching & Assessment	3 hours

Summer II

EDUC	5013	Classroom Management	3 hours
EDUC	5073	Advanced Teaching and Assessment	3 hours

Fall

EDFD	5063	Psychological Foundations	3 hours
EDUC	5803	Internship I	3 hours
READ	5013	Foundations of Teaching Reading	3 hours

Spring

EDUC	5033	Teaching Diverse Learners	3 hours
EDUC	5813	Internship II	3 hours
READ	5023	Teaching Disciplinary Literacy	3 hours
Total			30 hours

Master of Arts in Teaching with Special Education

Required Program of Study

Summer I

SPED	5013	Introduction to Special Education	3 hours
EDUC	5063	Introduction to Teaching and Assessment	3 hours

Summer II

EDUC	5013	Classroom Management	3 hours
SPED	5093	Collaboration/Consultation for Inclusion	3 hours

Fall

SPED	5083	Characteristics of Exceptionalities	3 hours
READ	5013	Foundations of Teaching Reading	3 hours

Spring

SPED	5113	Teaching Methods for Persons with Exceptional Learning Needs	3 hours
READ	5023	Teaching Disciplinary Literacy	3 hours
EDUC	5803	Internship I	3 hours

Summer II

SPED	5043	Application of Assessment Data for Exceptional Learners	3 hours

Fall

SPED	5103	Teaching Methods for persons with High-Need Exceptionalities	3 hours
EDUC	5813	Internship II	3 hours
Total			36 hour

Master of Physical Education and Coaching

Required Program of Study

PE	5153	Strength and Conditioning	3 hours
PE	5103	Advanced Exercise Physiology	3 hours
PE	5113	Exercise and Sport Pharmacology	3 hours
PE	5123	Risk Management and Legal Issues in Sports	3 hours
PE	5253	Psychology of Sports in Physical Education	3 hours
PE	5043	Organization and Administration of Athletics	3 hours
PE	5143	Applied Research and Evaluation Application in Athletics	3 hours
PE	5163	Coaching Methodologies	3 hours
PE	5173	Sports Skills Analysis	3 hours
PE	5183	Sports Sociology	6 hours
Total			**30 hours**

Endorsements

Special Education Endorsement K-12

This is an additional licensure program that requires completion of 24 hours of Special Education coursework and a passing score on the appropriate exams required by the state of Arkansas.

SPED	5043	Application of Assessment Data for Exceptional Learners	3 hours
SPED	5083	Characteristics of Exceptionality	3 hours
SPED	5093	Collaboration/Consultation for Inclusion	3 hours
SPED	5103	Teaching Methods for Persons w/High-Needs Exceptionalities	3 hours
SPED	5113	Teaching Methods for Persons with Exceptionalities	3 hours
SPED	5123	Providing Positive Behavioral Supports in the Classroom Environment	3 hours
SPED	5133	Providing Positive Behavioral Supports in the Classroom Environment	3 hours
READ	5013	Foundations of Teaching Reading	3 hours
READ	5023	Teaching Disciplinary Literacy	3 hours
Total			**21 hours**

K-6 or 7-12 Special Education Resource Endorsement

To add a K-6 or 7-12 Special Education Resource Endorsement a candidate must hold a standard K-6 or 4-8 license, or a standard 7-12 license in a content area of English Language Arts, Mathematics, or Science. Additionally, candidates must complete the following program of study and have passing scores on the appropriate Praxis II exams.

SPED	5013	Introduction to Special Education	3 hours
SPED	5113	Teaching Methods for Persons with Exceptionalities	3 hours
SPED	5093	Collaboration and Consultation	3 hours
SPED	5083	Characteristics of Exceptionalities	3 hours
Total Hours			**12 hours**

University of Arkansas at Monticello (UAM) School of Education (SOE) Teacher Walkout Statement

For Teacher Education Candidates:

If a teacher walkout occurs, here's what you need to do if it happens during your field or internship experiences:

- If your School Based Teacher Educator (SBTE) walks out of the classroom to join a march or picket line, remember that you cannot stay in the classroom without your SBTE. You will need to leave the building. Be sure to inform the main office staff that you are leaving the building and that you are doing so because you have been advised to do so by the UAM School of Education. You will need to notify the SOE Partnership Coordinator immediately. We will certainly take these special circumstances into account in terms of your hours needed, grading issues, etc.
- If you choose to join your SBTE and fellow educators in the walkout, you will be doing this as a personal decision. UAM, a state institution, must be neutral on the subject. If you do choose to stand or walk with your SBTE and other educators, you will not be doing so as a representative of UAM. Do not display or wear your student ID or UAM clothing. If you are interviewed, please do not mention UAM.
- You will need to be in contact with the SOE Partnership Coordinator to find out what you will need to do in the following days after the walkout.

For Master of Arts Candidates:

- If you choose to join your fellow educators in the walkout, you will be doing this as a personal decision. UAM, a state institution, must be neutral on the subject. If you do choose to stand or walk with your fellow educators, you will not be doing so as a representative of UAM. Do not display or wear your student ID or UAM clothing. If you are interviewed, please do not mention UAM. You will need to notify the SOE Graduate Coordinator immediately if you choose to strike. We will certainly take these special circumstances into account in terms of your hours needed, grading issues, etc.

As for SOE Faculty, Staff, and Administrators:

- Likewise, whether you choose to stand with the striking teachers is also a personal decision. If you choose to stand with the teachers in person, please do not display your UAM ID, wear UAM clothing, or use your UAM email account or program/SOE social media to protest or provide support. If you use your personal social media to communicate your support or if you are interviewed by the media, please make clear that you are expressing your personal opinions. You also must do so on your own personal time before and after work hours, unless you take personal time/vacation hours so that you are not on the clock if you choose to protest.

- You can certainly discuss these issues in class or on discussion boards in Bb, but you need to maintain an educational stance when doing so. Minimize your personal beliefs when teaching and, if you do share your beliefs and thoughts, you need to be sure that you declare them as your own personal beliefs and that they do not represent UAM when you are teaching, advising, or if you are being interviewed or you are using your own personal social media.

College of Forestry, Agriculture and Natural Resources

Master of Science Degree (M.S.) Degree in Forest Resources (with emphasis in: Forest Science, Geospatial Science, Natural Resource Management or Wildlife Ecology and Management)

Graduate Faculty

Professors Ficklin, Francis, Pelkki, Stark, Tappe (Dean) and White; Associate Professors Babst, Bataineh, Dennis and Osborne; Assistant Professors Lindsey.

Mission

The mission of the Forestry and Natural Resources program is to educate professional natural resource managers, to enlarge the body of knowledge in renewable forest resources and to disseminate new ideas and technology. Successful accomplishment of this mission will promote and enhance management, conservation and appreciation of public and private forests, thereby providing for continuous production and improved attainment of a variety of forest resource benefits for the people of Arkansas, the southern U.S. and the Nation. These resource benefits include the production of wood and fiber, wildlife, and clean water; as well as provision for recreation, aesthetic and other values.

Educational Goals and Objectives of the Graduate Program

The Forestry and Natural Resources program provides post-baccalaureate students with the opportunity to enhance their educational goals through a program of study, teaching, and research in an environment that promotes freedom of expression, intellectual inquiry, and professional integrity. The goal of the Forest Resources Master of Science program is to enhance students' understanding of forest resources and their management and to prepare students for lifelong learning and pursuit of career goals through advanced study. A student who graduates with a M.S. Degree in Forest Resources should:

- Have an advanced understanding of principles relating to forest sciences, spatial sciences, or wildlife ecology and management.
- Have an advanced understanding of natural resource issues and topics pertinent to an individual's program of study and career goals and be able to apply this knowledge in the decision making process.

- Be able to apply the scientific method in designing, implementing, analyzing, interpreting and integrating studies related to forest resource management problems and issues.
- Be able to communicate effectively using written and oral communication skills in technical and non-technical settings.
- Have good decision making and critical thinking skills.

Admission Requirements and Classification

To be admitted for pursuing the degree of M.S. in Forest Resources, a student must:

- Be admitted with graduate status to the University of Arkansas at Monticello, and
- Submit an application to the College of Forestry, Agriculture and Natural Resources along with three completed reference forms.
- Specific additional requirements are listed below in the section "Regular Admission."
- It is recommended that applicants have a baccalaureate degree in forestry, the wildlife sciences, another natural resource management discipline, or the spatial sciences. However, prospective students from other fields are also encouraged to apply. All applicants will have transcripts reviewed by College of Forestry, Agriculture and Natural Resources faculty to assess the need for cognate work. Applicants whose record shows an insufficient background in natural resources will be required to enroll in undergraduate cognate course work (and the prerequisites to those courses) that will not count for credit toward a degree. This course work will be scheduled in consultation with the student's advisory committee.

Regular Admission

To obtain regular admission to the Forest Resources Master of Science Program, applicants must:

- Have a baccalaureate degree from an accredited institution;
- Submit proof of immunization to the UAM Office of Admissions;
- Have a grade point average (GPA) of 2.70 or better (on a 4.00 scale) on all course work, or a GPA of 3.00 or better on the last 60 hours of course work taken prior to receipt of a baccalaureate degree from an accredited institution of higher education;
- Have completed the Graduate Record Examination (GRE) general test;
- Be accepted for graduate study by the College of Forestry, Agriculture and Natural Resources Dean and a College of Forestry, Agriculture and Natural Resources faculty member willing to serve as that student's major advisor.

Any other consideration for regular admission must be made by individual petition to the College of Forestry. Agriculture and Natural Resources Dean and, where pertinent, a recommendation from the appropriate faculty and will be considered on its own merits, case by case.

Provisional Admission

Students who are admitted to UAM provisionally and otherwise meet all Forest Resources Master of Science program admissions criteria may be admitted provisionally to the College of Forestry, Agriculture and Natural Resources. All required documentation for admission must be submitted by the last class day of a semester or summer term. Students who do not meet the deadline may be withdrawn from the College of Forestry, Agriculture and Natural Resources Graduate Program.

Conditional Admission

Students that meet all criteria for regular admission to the University but do not meet the criteria for regular admission to the Forest Resources Master of Science program may be conditionally admitted upon approval of the College of Forestry, Agriculture and Natural Resources faculty, Graduate Coordinator, and Dean of the College of Forestry, Agriculture and Natural Resources. Students who are admitted conditionally must earn a GPA of 3.0 or better in their initial 9 hours of graduate course work to continue graduate studies in the program. Students are not eligible for a graduate research assistantship during conditional status.

Probationary Admission

Students who are admitted to UAM in probationary status are ineligible for admission to the Forest Resources Master of Science program.

International Student Admission

International students must meet all criteria required by the University of Arkansas at Monticello to be admitted with graduate status. If the applicant's native language is other than English, an official transcript of the score for the Test of English as a Foreign Language (TOEFL) must be submitted directly from the Educational Testing Service. Minimum acceptable TOEFL scores are as follows:

Paper-based

Minimum Total Score—550

Minimum score on any one section—55

Computer-based

Minimum Total Score—213

Minimum score on any one section—21

Internet-based

Minimum Total Score—80

Minimum score on any one section—18

In addition, international students must take the Graduate Record Examination general test. International students must also be accepted for graduate study by the College of Forestry, Agriculture and Natural Resources Dean and have a College of Forestry, Agriculture and Natural Resources faculty member willing to serve as that student's major advisor.

Graduate Assistantships

A limited number of part-time graduate assistantships are available through the College of Forestry, Agriculture and Natural Resources. Graduate assistantships can only be offered to students after they have been accepted for graduate studies by both the University of Arkansas at Monticello and the Forest Resources Master of Science program.

Graduate assistantships are awarded to outstanding students who can make valuable contributions to the College of Forestry, Agriculture and Natural Resources research and teaching programs. When offered, graduate assistantships provide students a stipend, renewable annually, for up to 24 months. Renewal is contingent upon satisfactory fulfillment of obligations and responsibilities. Graduate assistants are provided further financial assistance through the waiver of tuition. This waiver covers only required coursework as outlined on an approved degree plan and typically for only for 30 graduate credit hours: it does not include tuition for required cognate courses or courses not listed on the degree plan. Tuition payment above 30 credit hours is subject to approval by the Dean. Additionally, work/study space is provided for each graduate assistant.

Student Advising / Major Advisor

Prior to a student enrolling in the Forest Resources Master of Science program, a College of Forestry, Agriculture and Natural Resources faculty member must agree, with the concurrence of the College of Forestry, Agriculture and Natural Resources Dean, to serve as that student's Major Advisor. The Major Advisor assists the student in choosing members of an Advisory Committee and developing a program of study, guides the formulation of a thesis proposal and the conduct of the research project, and assists in providing resources for the research project.

Advisory Committee

During the first semester of enrollment, the student and the Major Advisor must select a three- to five-member Advisory Committee and submit their selections for approval to the Graduate Coordinator and the Dean of the College of Forestry, Agriculture and Natural Resources by March 15 (spring semester) or October 15 (fall semester). The Advisory Committee serves to guide a student in program development, approves the program of study, makes recommendations on the thesis proposal, approves the thesis proposal, and administers the comprehensive examination. The Committee must consist of at least three members, including the Major Advisor and at least one other graduate faculty member in the College of Forestry, Agriculture and Natural Resources and/or Arkansas Forest Resources Center. The third member can be selected from the College of Forestry, Agriculture and Natural Resources; the Arkansas Forest Resources Center; other members of the Graduate Faculty; other institutions within the University of Arkansas System; or from other qualified individuals from cooperating institutions, agencies, or industries, provided they are awarded Graduate Faculty status. Additionally, up to two additional Committee members may be selected, provided that the majority of the committee is composed of graduate faculty members in the College of Forestry, Agriculture and Natural Resources and/or Arkansas Forest Resource Center.

Degree Plan

Each student will be required to develop a degree plan with the advice and approval of their Advisory Committee. An emphasis area in Forest Science, Geospatial Science, Natural Resources Management or Wildlife Ecology and Management will be selected based on the student's thesis project and selected course work. The degree plan must include the required graduate studies courses as well as any individualized courses. A total of 30 hours containing at least 24-26 hours of course work and 4-6 hours of Research and Thesis hours will be required. If indicated on an approved degree plan, up to 8 hours of undergraduate courses numbered at the 3000 or 4000-level may be used to satisfy course requirements.

The student, Major Advisor, and Advisory Committee members must all approve and sign the degree plan. The degree plan must then be submitted for approval to the Graduate Coordinator and the Dean of the College of Forestry, Agriculture and Natural Resources during the first semester of enrollment by May 1 (spring semester) or December 1 (fall semester). Once approved, the document will then be forwarded to the

Registrar's Office. This degree plan fulfills the University advisement report requirement.

Transfer Credit

A maximum of 9 hours of graduate-level course work completed prior to development of a degree plan may be transferred to the University of Arkansas at Monticello from another university. Acceptance of transfer credits toward the student's degree plan must be approved by the student's Advisory Committee. No courses with grades below a "B" or older than 6 years will be accepted for transfer credit.

Academic Status

Graduate students may earn grades of A, B, C, D or F, except for Research and Thesis and required undergraduate cognate course work that does not count for credit toward a degree. Research/Thesis is graded as Pass/Fail, with a grade of "R" (for registered, no credit awarded) until a thesis has been approved and a comprehensive examination has been passed. Required undergraduate cognate course work that does not count for credit toward a degree may be graded as Pass/Fail if so recommended by a student's Advisory Committee. The grades of A, B, C, D and F indicate the following: A-excellent, B-good, C-marginal, D-poor, and F-failing. A cumulative GPA of 3.0 out of 4.0 must be maintained to complete degree requirements and to retain a graduate assistantship. No more than two courses with a grade of "C" may be applied toward degree requirements. A student whose grade record includes three courses with grades of "C" or lower may not maintain graduate status unless the Graduate Council, upon petition from a graduate faculty member, has authorized a plan of study for the student. Three courses with grades of "C" or lower will also result in the loss of a graduate assistantship. A student may not repeat a course in which a grade of "B" or higher is earned.

Course Loads

The maximum course load must not exceed 12 hours during the fall and spring semesters. The maximum load for each summer term is 6 hours. Students who hold a graduate assistantship must enroll for a minimum of 6 hours during the fall and spring semesters and 1 hour for each summer term. For enrollment requirements see the "Continuous Enrollment" section.

Withdrawal from a Course

In order to withdraw from a course, a student must first obtain approval from their Major Advisor and Advisory Committee. For students receiving a graduate assistantship, approval is also required from the Graduate Coordinator and the Dean of the College of Forestry, Agriculture and Natural Resources. The intent of the graduate assistantship is to help support a graduate student through their graduate program. One of the ways this is done is by paying for courses designed as "required" on an approved degree plan. Since a dropped course cannot be applied to a graduate program, a student receiving an assistantship will be required to reimburse the College of Forestry, Agriculture and Natural Resources for the cost of the course(s). The graduate assistant will not be allowed to enroll until the bill is paid. If withdrawing from a course causes a student receiving a graduate assistantship to be enrolled in less than 6 hours during a spring or a fall semester, or no (0) hours during a summer term, the assistantship will be forfeited.

Continuous Enrollment

All degree-seeking graduate students are required to be enrolled for at least one hour each semester (including summer terms) until all requirements for the Master of Science in Forest Resources degree are fulfilled. A student who has not enrolled in graduate course in a semester and who has not received prior written permission for a time-limited period of inactivity may be terminated from the Forest Resources Master of Science program. An approved period of inactivity may not normally exceed one calendar year. Faculty are under no obligation to assist a student with graduate work when the student is not currently enrolled.

Time Limit

To fulfill degree requirements, course credits can be used for a maximum of 6 years from the time of entry into the Forest Resources Master of Science program.

Thesis Proposal

Each student will be required to develop a thesis proposal with the advice and approval of his or her Advisory Committee. The thesis proposal consists of a justification, literature review, and plan of action for the thesis project. This proposal serves the purpose of formulating a proper protocol for the research and allows the student's Advisory Committee to evaluate (i.e., accept, expand, or reduce) and approve the intended work. The student, Major Advisor, and Advisory Committee members must all approve the thesis proposal and sign the cover sheet. The thesis proposal must then be submitted for approval to the Graduate Coordinator and the Dean of the College of Forestry, Agriculture and Natural Resources during the second semester of enrollment by May 1 (spring semester) or December 1 (fall semester).

Thesis and Comprehensive Examination

An approved thesis is required for completion of the M.S. in Forest Resources degree. A student is required to define an appropriate problem for investigation; review relevant literature; develop a thesis proposal; collect, analyze, and interpret data; test hypotheses and draw conclusions; and write and defend a thesis. At the conclusion of the study and research program, a seminar and an oral comprehensive examination, including a thesis defense, is required of all graduate students for completion of the M.S. in Forest Resources degree. See the Graduate Student Handbook for the Forest Resources Master of Science program for specifics in announcing and scheduling a thesis and comprehensive exam. Enrollment in at least one hour of Research/Thesis is required during the semester/term the examination is taken. Immediately prior to the examination, all students are required to present a seminar on their thesis work. This seminar is open to the university academic community at large. Following the seminar, the Advisory Committee and one additional graduate faculty member appointed as a witness by the Dean of the College of Forestry, Agriculture and Natural Resources administer the examination. The primary role of the witness is to confirm the examination is administered properly and fairly with sufficient academic rigor to ensure that the student has successfully mastered the thesis material. Others may observe the examination upon petition to and approval by the Dean of the College of Forestry, Agriculture and Natural Resources. The comprehensive examination will typically cover, but is not limited to, material presented in and related to the thesis, course work, and other appropriate literature and information. Unanimous agreement of the Advisory Committee will be required to pass a student. The student can request a second examination if he or she fails the first. A student who fails a second examination is withdrawn from the Forest Resources Master of Science program. After successfully completing a thesis defense, any required changes to the thesis must be completed within 3 months of the comprehensive examination date. Failure to complete required changes within this time period will result in withdrawal from the graduate program.

Summary of Graduation Requirements

For graduation, each student must:

- Successfully complete 30 semester hours with 24–26 hours of course work and 4–6 hours of Research and Thesis as outlined in the approved study plan;
- Have a cumulative grade point average of 3.00 or higher with no more than two courses with a grade of "C;"
- Complete an approved thesis; and
- Pass an oral comprehensive examination.

Once the thesis is complete and the format approved by the Major Advisor and the Graduate Coordinator, an Intellectual Property Form (and Invention Disclosure Form if necessary) must be completed and on file in the Office of the Vice Chancellor for Academic Affairs/Graduate Dean.

Finally, 5 unbound copies of the thesis in prescribed form (not including any copies desired by the student) must be submitted along with a Library Transmittal Form to the University Library, with the binding fees paid at that time.

Expulsion and/or Withdrawal

Any graduate student whose course or thesis work is unsatisfactory, who fails to make adequate progress, or who violates student conduct or employment rules may be withdrawn from the Forest Resources Master of Science program at any time upon the recommendation and agreement of the Major Advisor, the student's Advisory Committee, Graduate Coordinator, and the Dean of the College of Forestry, Agriculture and Natural Resources.

Graduate Studies Curriculum for the College of Forestry, Agriculture and Natural Resources

Curriculum required for all students and emphasis areas:

FRS	5103	Research Methods	3 hours
FRS	5113	Applied Predictive Statistics	3 hours
FRS	5123	Applied Comparative Statistics	3 hours
FRS	5203	Social Aspects of Natural Resource Management	3 hours
FRS	5223	Natural Resource Ecology	3 hours
FRS	5293	Contemporary Issues in Natural Resource Conservation	3 hours
FRS	579V	Research and Thesis	4-6 hours
FRS	589V	Independent Study or approved elective	6-8 hours
Total Hours Required			**30 hours**

Forest Resources Graduate Courses Offered:

FRS	5113	Applied Predictive Statistics	Fall Odd CY
FRS	5213	Applied Comparative Statistics	Fall Even CY
FRS	5103	Research Methods in Natural Resources.	Fall Even CY
FRS	5293	Contemporary Issues in Natural Resource Conservation	Spring Even CY

FRS 5203 Social Aspects of Natural Resource Management ..... Spring Odd CY
FRS 5223 Natural Resource Ecology ..... Spring Even CY
FRS 579V Research and Thesis..... Every semester
FRS 589V Independent Study or approved elective ..... Fall Odd CY
FRS 502V Special Topics..... As Needed

CY = Calendar Year



Graduate Course Descriptions

ART Courses (Art Courses)

ART 589V Independent Study

Variable credits: 1-3 hours credit

See listing for ART 479V. In addition, students would be required to perform significant independent research in the studio area of their choice under the guidance of a faculty mentor. This research should lead to a professional-quality portfolio using that media, or a competitive quality research paper that meets the standards of the discipline.

ART 590V Special Topics

3 credits: 3 hours lecture and/or studio may be repeated for credit

Selected topics from the areas of art emphasizing individual research and/or studio projects.

ART 5923 Seminar Teaching Art

3 credits: 3 hours lecture

Evaluation and critique of micro classroom teaching, history of academic discipline, philosophy development, test design and evaluation, preparation of classroom materials, lesson planning, and use of current technologies.

BIOL Courses (Biology)

BIOL 5014 Waterfowl Ecology

4 credits: 3 hours lecture, 3 hours lab

Prerequisites: BIOL 3484

In this course we will study the natural history and taxonomy of waterfowl. We will also focus on ecological and political challenges facing waterfowl conservation across North America. Spring offering in odd numbered years.

BIOL 5024 Herpetology for Graduate Students
4 credits: 3 hours lecture, 1 hour lab

Registration by permission of the student's major professor only.
An introduction to the taxonomy and natural history of amphibians, reptiles, crocodilians and turtles with an emphasis on local fauna. The Herpetology Lab is a required component of the course. Students will examine museum specimens and identify animals in the wild.

BIOL 5144 Mammalogy for Graduate Students
(Registration by permission of the student's major professor only.)

An introduction to characteristics, origins, ecology, behavior, reproduction, physiology and diversity of mammals. The Mammalogy Lab is a required component of the class. Students will also examine current literature in Mammalogy and prepare museum specimens.

BIOL 5344 Ornithology
4 credits: 3 hours lecture, 3 hours laboratory

Same as WLF 5344
Registration by permission of the student's major professor.
Taxonomy and natural history of birds emphasizing local fauna. Offered: Spring, even-numbered years.

CIS Courses (Computer Information Systems)

CIS 589V Special Topics in Computer Information Systems
Variable credit

Graduate level detailed study of one of the specialized areas of computer information systems, emphasizing advanced study and skills application.

CJ Courses (Criminal Justice)

CJ 5903 Delinquency and the Educator
3 credits: 3 hours lecture

This course provides an analysis of structures and processes of the juvenile and criminal justice system. Topics for review will include delinquency, violence in the school system, and crisis management.

COMM Courses (Communication)

COMM 5003 Advanced Argumentation & Debate
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
An in-depth exploration of the theoretical foundations and applications of both historical and contemporary theories of argumentation and debate.

COMM 5013 Advanced Parliamentary Debate Coaching
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
An intensive study of the practical and theoretical skills necessary to successfully coach students to successfully compete in parliamentary debate.

COMM 5023 Advanced Policy Debate Coaching
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
An intensive study of the practical and theoretical skills necessary to successfully coach students to successfully compete in policy debate.

COMM 5033 Advanced Public Debate Coaching
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
An intensive study of the practical and theoretical skills necessary to successfully coach students to successfully compete in public debate.

COMM 5043 Advanced Value Debate Coaching
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
An intensive study of the practical and theoretical skills necessary to successfully coach students to successfully compete in value debate.

COMM 5113 Professional Behavior
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
A study on the normative expectations for debate coaches on both the high school and university levels. Topics include collegiality, developing relationships with other coaches, and managing team image.

COMM 5213 Critical & Textual Research Methods
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
This course Is designed to provide students with the knowledge and skills necessary to understand, critique, and produce critical and textual research In the field of debate and forensics.

COMM 5233 Debate Team Administration
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student
A study of the practical skills necessary for functioning as an administrator. Topics include developing team rules and procedures, communication with stakeholders, recruitment, and developing a program for team longevity.

COMM 5333 Debate Team Management
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

A study of the practical skills necessary for managing students on a debate team. Topics include travel, developing team unity, managing conflict, and promoting student leadership.

COMM 5343 Forensic Pedagogy
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

A study of the pedagogical theories addressing teaching debate within a classroom setting. This course will emphasize how to teach both courses about debate and to use debate as a learning tool In other courses.

COMM 5223 Proseminar
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

An introductory study designed to familiarize students with the skills and theories necessary for success as a debate coach including conference attendance and presentation, book reviews and scholarly articles.

COMM 5383 Research Methods for Forensics
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

This course is designed to provide students with the knowledge and skills necessary to understand, critique, and produce research in the field of forensics.

COMM 5413 Qualitative Research Methods
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

This course is designed to provide students with the knowledge and skills necessary to understand, critique, and produce qualitative research in the field of debate and forensics.

COMM 5423 Quantitative Research Methods
3 credits: 3 hours lecture

Prerequisite: Admission as UAM graduate student

This course is designed to provide students with the knowledge and skills necessary to understand, critique, and produce quantitative research in the field of debate and forensics.

COMM 550V Prospectus
0 credits

Prerequisite: Admission as UAM graduate student, passing comprehensive exams

This course requires a graduate student to present a research proposal before their graduate committee.

COMM 558V Comprehensive Exams
0 credits

Prerequisite: Admission as UAM graduate student, completion of 18 hours in program

This course requires a graduate student to successfully pass comprehensive exams.

COMM 579V Thesis
Variable credits

Prerequisite: Admission as UAM graduate student, approved prospectus

Original research which meets acceptable research standards.

COMM 590V Special Topics
Variable credits

Prerequisite: Admission as UAM graduate student, Permission of Director of Graduate Studies

A seminar on a particular topic in forensics and debate. The course can be retaken as the topic changes.

COMM 599V Independent Study
Variable credits

Prerequisite: Admission as UAM graduate student, Permission of Director of Graduate Studies

Consult the Independent Study and Research policy in the Graduate Programs section of this catalog for prerequisites and description. Prior approval necessary for enrollment.

ECED Courses (Early Childhood Education)

ECED 5023 Creative Arts
3 credits: 3 hours lecture

This course will involve students in projects that integrate art, music, movement, and literature for children in early childhood education programs. Its purpose is to demonstrate various ways in which children learn through creative experiences.

ECED 5033 Trends, Problems, and Issues of Early Childhood Education
3 credits: 3 hours lecture

A study of current trends, problems, and issues that are prevalent today in the field of early childhood education. Educational models and frameworks for the analysis of models for early childhood education are presented and discussed.

ECED 5043 Child Development
3 credits: 3 hours lecture

An analysis of psychological theories of growth and development of young children, including Piaget, Skinner, Montessori, responsive environments, contingency management, social dramatic play, and didactic teaching.

ECED 5053 Historical and Theoretical Approaches to Early Childhood Education
3 credits: 3 hours lecture

An historical analysis of various approaches to early childhood education and how these approaches relate to recent research in child development and learning.

EDFD Courses (Educational Foundations)

EDFD 5523 Culturally Responsive Teaching
3 credits: 3 hours lecture

This course is designed to give candidates an overview of leadership and management through an equity lens. Candidates will explore inclusive school culture, trauma informed pedagogy, social justice, equity, and strategies to create safe learning environments.

EDFD 5003 History and Philosophy of Education
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs

An analysis of major historical and philosophical developments and their impact on American education.

EDFD 5023 Educational Research Methodology
3 credits: 3 hours lecture

Emphasizes qualitative and quantitative research design in education. Emphasis is placed on understanding the design of research studies and the development of an action research study. The course should be taken within the first 15 hours of enrollment.

EDFD 503V Practicum/Research
Variable Credit

Practicum/Research conducted while enrolled in the Master of Education or the Master of Education I Educational Leadership under the direction graduate faculty. Candidates may enroll in 1-3 hours credit.

EDFD 5043 Instructional Technology
3 credits: 3 hours lecture

Treats media and instructional design with applications of state-of-the-art technology.

EDFD 5053 Technology for School Leaders
3 credits: 3 hours lecture

Prerequisite: Admission to the School of Education graduate program or waiver from the Graduate Coordinator

The course will emphasize the development of a shared vision of comprehensive integration of technology to foster a school environment and culture conducive to the realization of that vision. Ensure that curricular design, instructional strategies, and learning environments integrate appropriate technologies that maximize learning and teaching. Apply technology in ways that enhance professional practice and increase the leader's personal productivity as well as the productivity of others. Provide direction for the integration of technology tools into productive learning and administrative systems. Use technology to facilitate a comprehensive system of effective assessment and evaluation. Understand the social, legal, and ethical issues related to technology and apply that understanding in practice. Topics will also include a review of current state programs and long-range plans for school-related technology applications; computer basics; emerging technologies and their applications; productivity tools; using technology to enhance communications and manage information; using technology to change classroom/school learning environments, teacher roles, and traditional power relationships; software review selection, and licensing; and issues related to equity and open access.

EDFD 5053 Law for Public School Teachers
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs

This course provides a basic understanding of public school law as it relates to the day-to-day activities of a P-12 setting.

EDFD 5063 Psychological Foundations of Teaching and Learning
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs
In-depth integrated treatment of development and learning with emphasis on cognitive development.

EDFD 5073 Research and Assessment for School Improvement
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree in program or a waiver from the Graduate Coordinator
The study of the general principles of qualitative and quantitative research designs with an emphasis on application of research findings to improve curricular and instructional strategies. Teacher leaders and prospective building level administrators will develop inquiry skills and will learn ways to lead adult learners in the use of research-based learning strategies and processes. Emphasis is placed on systematic collection of multiple forms of data to identify improvement needs, choosing courses of action to meet these needs, and monitoring progress toward goal attainment.

EDFD 5153 Child Development and the Family
3 credits: 3 hours lecture

Prerequisite: PSY 3433 or PSY 3443
Critical examination of the research relevant to developmental factors influencing the growth process of the individual from conception to adolescence. Particular emphasis on family functioning, and the family's influence on early child development.

EDFD 5213 Teaching the At-Risk Child
3 credits: 3 hours lecture

Explores intervention strategies, relations with parents, counseling, special instructional strategies, and peer relations.

EDFD 5273 Teaching the Culturally Different Child
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs
Identification and address of needs manifested by children from diverse backgrounds, with provisions for using resource people.

EDFD 5293 Special Topics
3 credits: 3 hours lecture

A series of specially designed courses which treat the major contemporary problems confronting today's educators.

EDFD 5413 Educational Technology and Cognitive Learning
3 credits: 3 hours lecture

The purpose of this course is to acquaint the student with the latest information in the area of cognitive science, including the physiological and neurological findings in brain research as related to the human learning process.

EDFD 5423 Information Management and the Teaching Process
3 credits: 3 hours lecture

This course is intended to provide classroom teachers with the skills required to store, access, analyze, and distribute electronic information in an effective and efficient manner. Such information includes text documents, still images, digital audio and video files, e-mail correspondence, animated graphics, instructional courseware, etc.

EDFD 5433 Instructional Courseware Development
3 credits: 3 hours lecture

The purpose of this course is to provide a hands-on, experiential learning opportunity in the design, development, and testing of educational software used in P-12 settings.

EDFD 5443 Social and Legal Issues in Educational Technology
3 credits: 3 hours lecture

The purpose of this course is to study issues related to technology usage such as copyright/licensing infringement; inequity of access to technology due to gender, economic, and/or race factors; student access Internet sites; confidentiality and privacy rights; and intellectual property and ownership.

EDFD 5553 Capstone/Research Seminar
3 credits

Prerequisite: Approval by the SOE Graduate Coordinator and the Dean of SOE
The seminar is designed to meet the needs of the individual for specific study of particular problems, issues, trends or fields of education. This course concludes with the development of an action research project/or portfolio.

EDFD 5606 Capstone/Research Seminar
6 Credits: 6 hours lecture

Prerequisite: Approval by the SOE Graduate Coordinator and the Dean of SOE
The seminar is designed to meet the needs of the individual for specific study of particular problems, issues, trends or fields of education. This course concludes with the development of an action research project or portfolio.

EDFD 579V Independent Study
Variable credit

Consult the Independent Study subheading in the Graduate Programs section of this catalog for prerequisites and description. Prior approval necessary for enrollment.

EDFD 5823 Independent Research in Education
3 credits: 3 hours research

Designed to allow an in-depth exploration of an educational topic. The advisory committee must approve the topic and the research methodology employed. The student will make a formal presentation related to the research and will present an approved copy of the final paper to the Dean of the School of Education.

EDFD 590V Distance Education Workshop
Variable Credit

Designed to provide learning opportunities through the use of compressed interactive video, satellite, and other sources.

EDLD Courses (Educational Leadership)

EDLD 5033 Public School/Community Resources
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

This course is designed to provide the students preparing to become building level administrators an understanding of local community structure and the skills necessary to develop effective cooperative partnerships between the school and community. The student will also be engaged in activities where he/she gains an understanding of the school's purpose, functions, achievements and needs, and the school's service to the community. Through hands on activities, creation of public relations documents, interviewing, and dealing with various publics, the students will learn and practice the skills of effective school and public relations. The primary goal of the course is to provide aspiring building level administrators with a general understanding of the structure and organization of public school and community relations based on the ELCC standards. The success of the student will be determined by his/her performance on activities designed by the professor.

EDLD 5083 Teacher Leaders Preparing for National Board Certification
3 credits: 3 hours lecture

Develops skills and strategies for teachers seeking or planning to seek National Board Certification. Supportive networking and collaboration are stressed.

EDLD 5103 Public School Law
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

This course prepares school leaders who apply knowledge of federal and state constitutional, statutory, and regulatory provisions and judicial decisions governing education.

EDLD 5133 Leadership for School Improvement
3 credits: 3 hours lecture

School leaders must have the knowledge, competence and belief system to positively shape a school's culture by building a leadership community. This course examines the purpose, attributes and leadership roles of a professional learning community to sustain school improvement based on a district vision to ensure student success.

EDLD 5143 School Board and Community Relations
3 credits: 3 hours lecture

This course focuses on the understanding of community analysis, the interaction of politics and education and power groups and influences upon decision making. Specific emphasis will be devoted to the development of effective communication and public relations strategies between the school and community.

EDLD 5153 School Personnel and Management
3 credits: 3 hours lecture

Principles, processes and procedures of school personnel management and business management are probed. Issues and topics investigated include supervision, evaluation, recruitment, staff development, salary and contractual obligations, attendance accounting APSCN procedures, financial accounting, and property accounting.

EDLD 5163 Educational Facilities
3 credits: 3 hours lecture

This is a study of school facilities and transportation planning and concepts, management and practices. Topics include how to use and maintain present school plants, keeping the board and community informed as to building needs, selecting architects, financing construction, safety and security issues, and developing education specifications.

EDLD 5173 Advanced School Law
3 credits: 3 hours lecture

This course focuses on the U.S. Constitution and its effects on due process requirements for public schools. Issues include the relationship of constitutional, statutory, and case law to public school districts particularly in these areas: students' rights and responsibilities, teachers' rights and responsibilities, procedural and substantial due process, and liability.

EDLD 5183 District Level Administrator Internship
3 credits: 3 hours lecture

The internship, which will be required of all building level program candidates, serves as the culminating and the capstone experience of the District Level Licensure program of study. This experience provides significant opportunities for candidates to synthesize and apply the knowledge, practice and skills by integrating theory and practice in order to function effectively as school leaders.

EDLD 5213 Public School Organization and Administration
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

A performance-based course that will prepare aspiring school leaders with theoretical knowledge, critical thinking, and leadership skills to understand the organization and administration of American public schools in creating an effective learning environment to meet the success of all students. Emphasis will be placed on the students' understanding of managing the organization, the allocation and utilization of resources, the operational plans and procedures, and financial resources. The course will also prepare students to assume responsibility for school administration with appropriate communication and technology skills, respect and value of human diversity, and the ability to work with diverse population.

EDLD 5223 Supervision of Instruction
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

This course is designed to review and discuss the foundations of a teacher supervision and evaluation system that includes emphasis on adult learning theory, supervisory models, tasks and skills of informal data collection and conferencing. The course focuses on the skills of supervision that promote professional growth for teachers as well as the performance-based approaches to teacher development and school improvement which are associated with positive student learning outcomes.

EDLD 5413 Building Leader Internship
3 credits: 3 hours lecture

The internship, which will be required of all building level program candidates, serves as the capstone experience of the Master of Education in Educational Leadership and Non-Degree Seeking Licensure Programs of Study. This experience provides significant opportunities for candidates to synthesize and apply the knowledge, practice and skills by integrating theory and practice in order to function effectively as school leaders. This capstone experience will provide a minimum of 85 hours of substantial, sustained, standards-based experiences in real school settings as part of the total of 240 hours on internship field experience in the degree program.

EDLD 5423 Fiscal Management in School Settings
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

This course emphasizes the history and principles of public school financing and the roles of federal, state and local governments and agencies in financing public education. Emphasis will be placed on the state school finance act, taxation for school purposes, the economics of education, equity and disparity issues, budgetary concerns, strategic planning, and procedures for school-site management.

EDLD 5483 Curriculum Development
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree in Educational Leadership program or a waiver from the Coordinator for Educational leadership

This course examines curriculum theory, models of curriculum design, and the evaluation of curriculum for school and instructional improvement with an emphasis on the national, state, and local curricula standards. Major topics addressed are curriculum alignment, assessment, instructional planning, and professional development. Emphasis is on the role of the building instructional leader in shaping the instructional program of the school, setting clear and measurable goals for students.

EDLD 5513 Technology for School Leaders
3 credits: 3 hours lecture

This course prepares school leaders who use technology, telecommunications, and information systems to enrich curriculum and instruction.

EDLD 5623 Developing Leadership
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree in Educational Leadership program or a waiver from the Coordinator for Educational Leadership

The course emphasizes the human relations skills and body of knowledge needed to be an effective instructional leader. It explores the characteristics of a learning leader and the skills needed to effectively work with adult learners, students, the community and other stakeholders. The course also emphasizes the impact of the instructional leader on the school climate and culture and the relationship to a healthy learning environment. Emphasis is placed on leadership strategies that encourage professional learning communities in which research-based curriculum models and best practices are used to enhance student achievement.

EDLD 5633 Using and Understanding Data for School Improvement
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education program or a waiver from the Coordinator of Graduate Programs

This course is designed to provide educational leadership candidates with the knowledge and ability to manage the organization by understanding and collecting data sources that reflect specific school demographics. The candidates will be required to use current research and building level data to develop and apply best practices for student learning and for designing comprehensive professional growth plans for school staff. Offered Summer I.

EDLD 5653 Internship in Educational Leadership I
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education program or a waiver from the Graduate Coordinator

Internship I, which will be required of all administrative program candidates, serves as the first semester of a two semester culminating and the capstone experience of the Master of Education in Educational Leadership and non-degree seeking licensure programs of study. During the internship, candidates will assess the suitability of their skills and dispositions for administrative work; integrate skills and knowledge previously acquired; and become socialized into the administrative role under the supervision of a local building level administrator and a university faculty member for a total of 90 hours of field work.

EDLD 5663 Internship in Educational Leadership II
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education program or a waiver from the Graduate Coordinator

Internship II, which will be required of all building administrator candidates, serves as the second semester of a two-semester internship field experience which is the culminating and the capstone experience of the Master of Education in Educational Leadership and non-degree seeking licensure programs of study. During the Internship II, candidates will assess the suitability of their skills and dispositions for administrative work; integrate skills and knowledge previously acquired; and become socialized into the administrative role under the supervision of a local building level administrator and a university faculty member for a total of 90 hours of field work.

EDLD 5673 Instructional Leadership Internship
3 credits: 3 hours lecture

The internship, which will be required of all building level program candidates, serves as the capstone experience of the Master of Education in Educational Leadership and Non-Degree Seeking Licensure Programs of Study. This experience provides significant opportunities for candidates to synthesize and apply the knowledge, practice and skills by integrating theory and practice in order to function effectively as school leaders. This capstone experience will provide a minimum of 85 hours of substantial, sustained, standards-based experiences in real school settings as part of the total of 240 hours on internship field experience in the degree program.

EDLD 5813 Leadership Through Mentoring
3 credits: 3 hours lecture

Develops mentoring skills through the examination of organization, planning, and continuous evaluation of a planned sequence of direct teaching.

EDUC Courses (Education M.A.T.)

EDUC 5013 Classroom Management
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Arts in Teaching program
The course is designed to provide candidates with strategies for creating an optimal learning environment and classroom community. Candidates will gain an understanding of how to create a positive school and classroom climate with appropriate classroom management procedures and techniques.

EDUC 5023 Critical Literacy Across the Curriculum
3 credits: 3 hours lecture

Prerequisite: Admission to Master of Arts in Teaching program
Designed to improve students' understanding of language and communication through developing skills in 1) traditional literacy; 2) scientific literacy; 3) mathematical literacy; and 4) technological literacy. Emphasis will be placed on writing skills. Students will tutor in field-based settings and will use technology during the tutoring experiences, including desktop publishing, graphics, and database management.

EDUC 5033 Teaching Diverse Learners
3 credits: 3 hours lecture

Prerequisite: Admission to Master of Arts in Teaching program
Designed to provide students with a basic introduction to special education and the cultural, socioeconomic, and emotional needs of 7-12 learners. Students will observe learners in field settings and will utilize technology through Internet research and software analysis.

EDUC 5043 Assessment Techniques for Teachers
3 credits: 3 hours lecture

Prerequisite: (1) Admission to Master of Arts in Teaching program; or Admission to the Master of Education Degree Program or (2) a waiver from the Coordinator for Graduate Programs
An introductory course in the assessment and research procedures commonly used in the field of education including alternative, performance-based, teacher-developed, and standardized assessments.

EDUC 5053 Public School Law for Teachers
3 credits: 3 hours lecture

Prerequisite: (1) Admission to Master of Arts in Teaching program; or Admission to the Master of Education Degree Program or (2) a waiver from the Coordinator for Graduate Programs
The course provides professional educators with a basic understanding of the law as it relates to their day-to-day activities in a P-12 setting.

EDUC 5063 Introduction to Teaching and Assessment
3 credits

Prerequisite: Admission to the Master of Arts in Teaching program
This course is designed to introduce materials, methods, assessment, and classroom procedures as they relate to teaching in the classroom. Candidates learn to effectively plan, teach, modify and systematically reflect upon instruction. Candidates learn to create a positive and supportive environment that meets the needs of diverse student populations and involves families and communities in student learning. Candidates will also learn to integrate instructional technology and to properly use formative, interim, and summative assessments to plan, assess and design instruction.

EDUC 5073 Advanced Teaching and Assessment
3 credits

Prerequisite: Admission to the Master of Arts in Teaching program
This course is designed to provide advanced instruction in materials, methods, assessment, and classroom procedures as they relate to teaching in the classroom. Candidates learn advanced methods to plan, teach, modify, and systematically reflect upon instruction. Candidates learn to create a positive and supportive environment that meets the needs of diverse student populations and involves families and communities in student learning. Candidates will also learn advanced strategies for instructional technology and to properly use formative, interim, and summative assessment to plan, assess and design instruction.

EDUC 5086 Introduction to Teaching and Content Pedagogy
6 credits: 6 hours lecture

This course is an introduction to the teaching profession and specific content area pedagogy. The course provides skills of selecting and organizing teaching materials, developing instructional plans, and teaching selected content areas using a variety of research-based best practice strategies.

EDUC 5103 Teacher Residency I
3 credits, 3 hours lecture

The first semester of the year-long internship experience, this course focuses on directed teaching strategies, classroom management, working with parents and colleagues, state and local standards, and best-practices for the content being taught. Students will be teaching/working in the schools during Internship.

EDUC 5106 Introduction to Early Childhood Teaching and Methods
6 credits

Prerequisite: Admission to the Master of Arts in Teaching program
Additional Requirements 8 hours of field-based experience
Course combines on campus and online introduction of early childhood teaching methods including portfolios, behavior, classroom, instructional management strategies, Pathwise and Arkansas State Standards.

EDUC 5113 Teacher Residency II
3 credits, 3 hours lecture

The second semester of the year-long internship experience, this course focuses on directed teaching strategies, classroom management, working with parents and colleagues, state and local standards, and best-practices for the content being taught. Students will be teaching/working in the schools during Internship II.

EDUC 5803 MAT Internship I
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Arts in Teaching program
The first semester of the year-long internship experience, this course focuses on directed teaching strategies, classroom management, working with parents and colleagues, state and local standards, and best practices for the content being taught. Students will be working in the schools during Internship I.

EDUC 5813 MAT Internship II
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Arts in Teaching program
The second semester of the year-long internship experience, this course focuses on directed teaching strategies, classroom management, working with parents and colleagues, state and local standards, and best practices for the content being taught. Students will be working in the schools during Internship II.

ENGL Courses (English)

ENGL 5003 Introduction to Graduate Study and Critical Methods

An intensive introduction to advanced research and scholarship focusing on practical skills required in graduate studies (for example, abstracts, conference papers, book reviews, and scholarly articles).

ENGL 5013 Advanced Studies in American Literature I
3 credits: 3 hours lecture

Prerequisite: ENGL 3403 or ENGL 3413
An in-depth study of major writers, periods, movements, and themes in American literature from the beginning to 1850.

ENGL 5023 Advanced Studies in American Literature II
3 credits: 3 hours lecture

Prerequisite: ENGL 3403 or ENGL 3413
An in-depth study of major writers, periods, movements, and themes in American literature from 1850 to the present.

ENGL 5113 Magazine Edit and Design

Prerequisite: Admission as UAM graduate student
Designed to teach students how to put together a literary journal. Emphasis on editing, production, design, and advertising. Students will be responsible for reading manuscripts each week, editing selected work, uploading issues, updating Facebook, Twitter, the journal's blog, and whatever other social media forms they decide to utilize.

ENGL 5133 Literary Criticism and Theory

Prerequisite: Admission as UAM graduate student
An exploration of the various schools of modern literary criticism. Students will be exposed to the major texts within the complex tradition of literary theory for a deeper understanding of primary texts.

ENGL 5053 Advanced Studies in British Literature I
3 credits: 3 hours lecture

Prerequisite: ENGL 3423 or ENGL 3433
An in-depth study of major writers, periods, movements, and themes in British literature from the Middle Ages through the 18th century.

ENGL 5063 Advanced Studies in British Literature II
3 credits: 3 hours lecture

Prerequisite: ENGL 3423 or ENGL 3433
An in-depth study of major writers, periods, movements, and themes of British literature from the Romantic Period to the 1960's.

ENGL 5093 Studies in Composition
3 credits: 3 hours lecture

Prerequisite: ENGL 4753 or ENGL 4593

Theory of and research in composition, its history and its cognitive and social dimensions. The course emphasizes the effective teaching of writing.

ENGL 5103 Advanced Workshop: Form and Craft
Prerequisite: 12 hours of ENGL 517V

An intensive writer's workshop that challenges students to explore craft, technique, and form with attention to a variety of traditional and contemporary trends and that segues into a student's thesis.

ENGL 5123 The English Language and the Teacher
3 credits: 3 hours lecture

Prerequisite: ENGL 4753 or ENGL 4593

Current research on the English language, its history, its grammar, dialects and uses, with an emphasis on how language is learned and used in the classroom.

ENGL 5153 Special Topics in Language and Literature
3 credits: 3 hours lecture

Detailed study of a specific topic in language and/or literature, emphasizing readings and individual research. Topics selected may cover themes, genres, single authors, national literatures or other history or language-related subjects. May be repeated for a total of 18 (eighteen) hours credit when different topics are covered.

ENGL 517V Writer's Workshop
Credit hours variable, typically 3 to 6 credit hours per semester

The intensive study and practice of the craft and art of fiction, creative-nonfiction, and/or poetry. In accordance with AWP Hallmarks, the student must submit a minimum of 40 pages of prose of 20 pages of poetry. Course content is unique with each offering. May be repeated for up to 30 hours credit.

ENGL 518V Residency
Credit hours variable, no more than 6 total credits

An intensive ten-day, on-campus residency including a range of activities such as work shopping of manuscripts and intensive mini-literature and craft courses.

ENGL 519V MFA Thesis
6 credits

Prerequisite: 12 hours of ENGL 517V Writer's Workshop plus ENGL 5103 Advanced Workshop: Form and Craft

The culmination of a student's work in the Master of Fine Arts program. Working closely with his or her Thesis advisor, the student should produce a book-length manuscript of publishable quality.

ENGL 5513 Reading Theory for College English Teachers
Prerequisite: admission as a graduate student

Examination of relationship between reading and writing developments and applications to Instruction. Approaches reading and writing as cultural and cognitive activities. Integrates theoretical readings with classroom practices.

ENGL 579V Independent Study in English
Variable Credit

Consult the Independent Study and Research policy in the Graduate Programs section of this catalog for prerequisites and description. Prior approval necessary for enrollment.

ENGL 5923 Seminar Teaching English
3 credits: 3 hours lecture

Evaluation and critique of micro classroom teaching, history of academic discipline, philosophy development, test design and evaluation, preparation of classroom materials, lesson planning, and use of current technologies.

ENGL 598V Master's Thesis

Prerequisite: 24 graduate credit hours earned in the program

Extensive Investigation of and writing about a master's capstone topic. To be taken for a total of 6 hours.

ESL Courses (English as a Second Language)

ESL 5703 Teaching Students of Other Cultures
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs

This course is designed to help education candidates understand how to effectively teach diverse learners in a multicultural/multilingual classroom. The concentration of instruction will be on the context, process and content of teaching people of other cultures.

ESL 5713 Methods and Materials for Teaching English as a Second Language Learner
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs
This course teaches effective English as a Second Language (ESL) teaching methods to the education candidates. The methods taught will help develop the cognitive academic language of the non-English speaker to reach higher academic achievement.

ESL 5723 Acquisition of English as a Second Language
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs
This course is designed to help the education candidates know, understand, and use the major concepts, theories, and research related to the nature and acquisition of language to construct learning environments that support English as a Second Language (ESL) student's language and literacy development, and content area achievement.

ESL 5733 Assessing Second Language Learners
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs
This course is designed to help the education candidates understand issues of assessment measures when teaching English as a Second Language (ESL) learner.

FRS Courses (Forest Resources)

FRS 502V Special Topics
Variable credit

Selected topics in natural resource and environmental sciences.

FRS 5103 Research Methods in Natural Resources
3 credits: 3 hours lecture

This course prepares students to design and execute an intensive research project. Topics include the philosophy of science, preparation of research study plans, communication of research findings, and professional and scientific ethics.

FRS 5113 Applied Predictive Statistics
3 credits: 2 hours lecture, 2 hours laboratory

Probability and distribution theory; predictions based on single and multiple linear regression models; violation of model assumptions and corrective transformations of data; generalized linear models and mixed-effects regression models; non-linear regression. Use of statistical software.

FRS 5123 Applied Comparative Statistics
3 credits: 2 hours lecture, 2 hours laboratory

Course covers hypothesis testing, t-tests, ANOVA, and experimental design. Linear, quadratic, and higher-order priori contrasts, post-hoc means separation, and fixed and random effects. Analysis diagnostics and non-parametric analogs for data that do not conform to parametric assumptions.

FRS 5203 Social Aspects of Natural Resource Management
3 credits: 3 hours lecture

Economics, policy, and human dimensions of natural resource decision making. Valuation of resources; supply and demand of natural resources; human-natural resource relationships; natural resource policy in historical and contemporary context and methods of understanding effects of natural resource policy making.

FRS 5223 Natural Resources Ecology
3 credits: 3 hours lecture

Advanced study into the structure and function of terrestrial ecosystems including current and founding theories on energy flow, nutrient cycling, temporal change and disturbance of ecosystems, landscape and spatial relationships, biodiversity, and anthropogenic alteration of ecosystems.

FRS 5293 Contemporary Issues in Natural Resource Conservation
3 credits: 2 hours lecture; 3 hours laboratory

Prerequisite: Graduate Standing in the School of Forest Resources
Student-led research and discussion on current natural resources. Preliminary overview of current issues in Arkansas and the U.S. by invited experts. Students will select and research a current natural resource issues and lead class discussion.

FRS 579V Research and Thesis
Variable credit

Research while enrolled for a master's degree under the direction of faculty members.

FRS 589V Independent Study in Natural Resources
Variable credit
Consult the Independent Study and Research subheading in the Graduate Programs section of this catalog for prerequisites and description.

GEOG Courses (Geography)

GEOG 5113 World Geography
3 credits: 3 hours lecture
Focus on selected regions of the world to be chosen from among Europe, Africa, West Asia, North America, and Latin America. Emphasis on physical, political, cultural, and economic characteristics of the selected regions.

GSCI Courses (General Science)

GSCI 5013 Advanced Biology
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisite: 12 hours of biology
Basic concepts and principles of the study of life, including biochemistry, cell structure and function, respiration and photosynthesis, transmission genetics, molecular genetics, evolution, and ecology.

GSCI 5043 Advanced Geology
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisite: 12 hours of physical sciences
Materials of the earth's crust and the processes and agents which affect them; earth history interpreted from rocks and fossils.
GSCI 5063 Advanced Chemistry
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: 12 hours of chemistry or 8 hours of chemistry and at least two years experience teaching chemistry at the secondary level
Composition, occurrence, preparation, properties and uses of matter, the changes it undergoes, its energy relations, and the laws governing its behavior.

GSCI 5083 Advanced Physics
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: 12 hours of physics or 8 hours of physics and at least two years experience teaching physics at the secondary level
Forms of energy and properties of matter--mechanics, heat, magnetism, electricity, sound, and light.

GSCI 519V Special Topics Biology
Variable Credit
Selected topics in biology appropriate for high school teachers.

GSCI 5203 Molecular Genetics
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: 8 hours of biology and 8 hours of chemistry
DNA biology; recombinant DNA techniques and applications; laboratory methods.

GSCI 5243 Advanced Environmental Science
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: 12 hours of course work in chemistry and/or biology
Natural environments and ecosystems, and their degradation by pollution, habitat destruction and loss of biodiversity.

GSCI 5263 Advanced Field Biology
3 credits: 2 hours lecture, 3 hours laboratory
Prerequisites: 12 hours of biology
Survey of the plant and animal kingdoms emphasizing recognition and natural history of local flora and fauna.

GSCI 528V Special Topics in Advanced Science Teaching
Variable credit
Selected topics in contemporary science appropriate for high school teachers.

GSCI 529V Special Topics Chemistry
Variable Credit
Selected topics in contemporary chemistry appropriate for high school teachers.

GSCI 5303 Higher Order Thinking in Science
3 credits: 3 hours lecture
This course stresses the learning of science as an active, integrated, constructive process involving experimentation, investigation, communication, reasoning, and problem solving.

GSCI 539V Special Topics Earth Science
Variable Credit
Selected topics in earth science appropriate for high school teachers.

GSCI 549V Special Topics Physics
Variable Credit
Selected topics in physics appropriate for high school teachers.

GSCI 559V Field Geology
Variable Credit
The methods of field investigation and interpretation of geological features. The focus of this course will vary from trip to trip. May be repeated for a maximum of three (3) hours credit.

GSCI 579V Independent Study

HIST Courses (History)

HIST 5013 American History
3 credits: 3 hours lecture
A thematic view of American history with a historiographical emphasis. Possible topics include reform movements, social trends, and wars.

HIST 5023 World History
3 credits: 3 hours lecture
Major themes in the intellectual, social, political, and economic developments which have shaped our world from earliest times to the present. Included will be Asian, African, American and Western civilizations.

HIST 5033 Historiography and Research
3 credits: 3 hours lecture
An introduction to research and historical writing, including a review of major historians and trends in the writing of history.

HIST 5123 Arkansas History
3 credits: 3 hours lecture
An overview of Arkansas history from the earliest times to the present, with emphasis on the State's political, social, and economic development. Designed especially for those preparing to teach Arkansas history.

HIST 5133 Africa in Global Perspective
3 credits: 3 hours lecture
Major themes in African history from earliest times to the present; emphasis on the continuity of African civilization through the centuries and the interplay of African culture with Islamic and Western influences.

HIST 5143 Colonial America
3 credits: 3 hours lecture
An intensive survey of European settlement in North America from the Columbian voyages to 1789. Emphasis on the emergence of Anglo-American cultural and political institutions culminating in the War of Independence.

HIST 5153 America in Peace and War
3 credits: 3 hours lecture
An in-depth view of America between 1919 and 1945, with emphasis on cultural conflict in the 1920's and the impact of the Depression, the New Deal and World War II on the American people.

HIST 5163 American since 1945
3 credits: 3 hours lecture
An in-depth view of America in the past half-century with emphasis on political, social, and economic change.

HIST 5273 Secondary Social Studies Teaching Methods
3 credits: 3 hours lecture
Prerequisite: Admission to M.A.T. program
Methods of teaching social studies at the secondary level for M.A.T students. Includes teaching applications in social science disciplines; design of lesson plans, instructional materials, and tests; performance, evaluation and critique of micro-classroom teaching.

HIST 5283 Global Economic Systems
3 credits: 3 hours lecture
An analysis of economic systems and ideologies employed by societies from the Ancient World to the present.

HIST 5603 Selected Readings in History
3 credits: 3 hours lecture
Advanced readings in an area of history. To be selected in consultation with the course instructor.

HIST 581V Field Study
Variable credit
Classroom and/or field studies of historically significant sites.

JOUR Courses (Journalism)

JOUR 589V Independent Study
Variable credit 1-3 hours credit
See listing for JOUR 479V. In addition, students would be required to perform significant research under the guidance of a faculty mentor, leading to a professional-quality performance as a writer or an editor, or a competitive-quality research paper that meets the standards of the discipline.

JOUR 590V Special Topics
3 credits: 3 hours lecture, may be repeated for credit
See listing for JOUR 4243. In addition, students would be required to be familiar with the major research in the topic area and to prepare a major research paper using primary source material.

MAED Courses (Math Education)

MAED 5013 Geometry
3 credits: 3 hours lecture
Prerequisite: MATH 3423
A study of formal and informal geometries, geometric constructions, applications, and learning theory.

MAED 5023 Linear Algebra
3 credits: 3 hours lecture
Prerequisite: Completion of the calculus sequence
A study of linear algebra with an emphasis on topics relevant to the secondary school curriculum.

MAED 5033 Probability and Statistics
3 credits: 3 hours lecture
Prerequisite: Completion of the calculus sequence
The mathematical theory of probability and its application to statistical inference.

MAED 5043 Intermediate Analysis
3 credits: 3 hours lecture
Prerequisite: Completion of the calculus sequence
Topics from calculus designed to prepare teachers of calculus.

MAED 5203 History of Mathematics
3 credits: 3 hours lecture
Prerequisite: MATH 2254
A study of selected topics in the history of mathematics with emphasis on the biographies of important mathematicians and the development of significant mathematical ideas.

MAED 5243 Modern Algebra
3 credits: 3 hours lecture
Prerequisite: Completion of the calculus sequence.
A study of abstract algebraic structures including groups, rings, and fields. Also a survey of number theory to include equivalence relations, divisibility, congruences, and prime distribution.

MAED 5263 Higher Order Thinking in Mathematics
3 credits: 3 hours lecture
This course provides mathematics teachers in grades five through college with examples of lessons incorporating methods appropriate for students with different learning styles. These lessons emphasize the use of manipulatives, hands-on materials, cooperative learning techniques, portfolio assessment strategies, and technology.

MAED 5273 Discrete Mathematics
3 credits: 3 hours lecture
Prerequisite: Completion of the calculus sequence
A survey of discrete mathematical systems, including graph theory, combinatorics, and Boolean algebras.

MAED 5293 Topics in Mathematics
3 credits: 3 hours lecture
Prerequisite: Permission of instructor
Selected topics in contemporary mathematics appropriate for high school teachers.

MLED Courses (Middle Childhood Education)

MLED 5013 Teaching the Young Adolescent
3 credits: 3 hours lecture
Students will study and examine the latest data on the developmental characteristics of the young adolescent. The class will also examine and review young adolescent research and how it impacts the instructional strategies, facilities, and the development of programs and materials.

MLED 5023 History and Philosophy and the Future of Middle Childhood Education
3 credits: 3 hours lecture
This course provides the historical development of the middle school/junior high school, its current status, and the direction of middle childhood education in the future.

MLED 5033 Middle Childhood Seminar
3 credits: 3 hours lecture
This course will address current issues and research in middle childhood education. Best practices will be reviewed and compared from field experiences with recommendations for change and improvement.

MLED 5043 Middle Childhood Curriculum
3 credits: 3 hours lecture

This course will address middle childhood curriculum based on research and current practices. Students will examine curriculum theories and middle childhood research will be reviewed regarding design options for integrated curriculum. A required student project will be in the area of middle childhood education and/or a content teaching field.

MLED 5053 Teaching and Learning in the Middle Grades
3 credits:

Prerequisite: (1) Admission to Master of Arts in Teaching program; or Admission to the Master of Education Degree Program or (2) a waiver from the Coordinator for Graduate Programs

This course is designed to study and research advanced methods of instruction, case studies, and practice components of the middle-level concepts.

MLED 5063 Learning and Development of Early Adolescence
3 credits: 3 hours lecture

Prerequisite: (1) Admission to Master of Arts in Teaching program; or Admission to the Master of Education Degree Program or (2) a waiver from the Coordinator for Graduate Programs

Designed to provide the candidate with knowledge of the learning and physical characteristics of the 10-15 year old by developing appropriate learning and physical activities with focus on health and wellness.

MLED 5073 Literacy Across the Curriculum in the Middle Grades
3 credits:

Prerequisite: (1) Admission to Master of Arts in Teaching program; or Admission to the Master of Education Degree Program or (2) a waiver from the Coordinator for Graduate Programs

This course is designed to help advanced middle-level teachers learn how to incorporate literacy instruction across the content areas.

MODL Courses (Modern Language)

MODL 5923 Seminar Teaching Foreign Language
3 credits: 3 hours lecture

Evaluation and critique of micro classroom teaching, history of academic discipline, philosophy development, test design and evaluation, preparation of classroom materials, lesson planning, and use of current technologies.

MUS Courses (Music)

MUS 5016 Jazz Gateway Residency
6 credits

Prerequisite: Admission to the Master of Jazz program

Two-week summer session covering performance training, jazz education, reinforcement of jazz improvisation and theory, private lessons and music employment seminar sessions presented by UAM staff, mentors and world-class jazz musicians. Includes participation in small combos focusing on the preparation and memorization of standard tunes, jazz classics, and contemporary music. Aesthetic issues as well as practical "on the job" considerations are emphasized.

MUS 5023 Private Lesson
3 credits

Prerequisite: Admission to the Master of Jazz program

Advanced study of individual's instrument with world-renowned mentor and teacher. Focus will be on performance and job-related skills in today's music scene. May be repeated for up to 12 total hours.

MUS 5033 Jazz Theory and Arranging
3 credits

Prerequisite: Admission to the Master of Jazz program

An in-depth study in jazz theory and arranging to include reading and understanding chord changes, altered dominants, triton substitutions, other extended tertian harmony and modal harmony.

MUS 5043 Jazz History
3 credits

Prerequisite: Admission to the Master of Jazz program

A discussion an analysis course covering the evolution of jazz in America through the various periods and styles. Pivotal figures such as Louis Armstrong, Duke Ellington, Charlie Parker, Miles Davis and John Coltrane are examined through a study of their music, emphasizing harmonic analysis of transcribed solos and the historical position of their music in an evolutionary context. Selected reading and listening assignments are given.

MUS 5053 Jazz Techniques for the Music Educator
3 credits

Prerequisite: Admission to the Master of Jazz program

An overview of methods utilized in collegiate, secondary, and private jazz education. Topics include: jazz theory, improvisation, arranging methods, building the ensemble and rehearsal techniques.

MUS 5063 Jazz Improvisation
3 credits

Prerequisites: MUS 5033

An advanced course focusing on the art of improvisation on complex harmonies, altered chords, chord/scale relationships, bitonality and stylistic considerations.

MUS 5906 Jazz Capstone Residency
6 credits

Prerequisites: Successful completion of 21-24 hours in the Master of Jazz program

Two-week summer session covering performance training, jazz education, reinforcement of jazz improvisation and theory, private lessons and music employment seminar sessions presented by UAM staff, mentors and world-class jazz musicians. Includes participation in small combos focusing on the preparation and memorization of standard tunes, jazz classics and contemporary music.

Aesthetic issues as well as practical "on the job" considerations are emphasized. Requirements include but are not exclusive to (1) a written comprehensive examination in which the student must demonstrate a satisfactory knowledge of their field of study, (2) a public recital or performance.

MUS 579V Independent Study in Jazz
Variable Credit

Prerequisite: MUS 5016

Advanced studies in an aspect of jazz that accommodates the student's professional goals as either an educator or performer or both.

PD Courses (Professional Development)

PD 550V Professional Development
Variable Credit

A professional development course that cannot be applied toward a master's degree graduate program of study at UAM.

PE Courses (Physical Education)

PE 5003 Applied Evaluation in Physical Education
3 credits: 3 hours lecture

Advanced methods of assessment for the components of physical and motor fitness. Latest evaluation procedures in physical education, including review of current literature.

PE 5033 Research Methods Application in Physical Education
3 credits: 3 hours lecture

Study of significant research, research methods, and the application of modern research principles to physical education and related areas.

PE 5043 Organization and Administration of Athletics
3 credits: 3 hours online

To prepare teachers and coaches to organize and administer programs in athletics at the middle school and secondary levels in the public schools.

PE 5103 Advanced Exercise Physiology
3 credits: 3 hours lecture

Exercise physiology and its application to fitness and training with emphasis on recent research, energy metabolism, cardiovascular respiratory function, ergometry, body composition, work capacity, ergogenic aids, aging, health risk factors, and environmental stress.

PE 5113 Exercise and Sport Pharmacology
3 credits: 3 hours lecture

The course acquaints students with information about how drugs can affect exercise and how exercise can affect the action of drugs. It leads students through the science-including the related pathology, exercise physiology, and drug action-to gain an understanding of these interactions.

PE 5116 Physical Education and Coaching Capstone Research
6 Credits: 6 hours lecture

Prerequisite: Admission to the School of Education Graduate Program or waiver from the Coordinator of Graduate Programs.

The capstone course is designed to allow students to conduct action research for specific study of particular problems, issues, trends or fields of physical education and coaching. This course concludes with the development of an action research project.

PE 5123 Risk Management and Legal Issues in Sports
3 Credits: 3 hours lecture

Prerequisite: Admission to the School of Education Graduate Program or waiver from the Coordinator of Graduate Programs.

Legal concepts and ethical issues impacting sport administration and coaching policy formation.

PE 5133 Problems and Trends in Physical Education
3 credits: 3 hours lecture

The analysis of current literature and research in the field of physical education with emphasis on the isolation of current problems and possible solutions to special problems.

PE 5143 Applied Research and Evaluation Application in Athletics
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education program or a waiver from the Coordinator of Graduate Programs

This course focuses on advanced methods of assessment in sports and athletics. Emphasis will be placed on practical application of knowledge and a review of current literature. Student will also be introduced to appropriate concepts related to research design.

PE 5153 Advanced Strength and Conditioning
3 Credits: 3 hours lecture

Prerequisite: Admission to the School of Education Graduate Program or waiver from the Coordinator of Graduate Programs.

The course assists the student in the development and administration of programs that enhance physiological variables associated with athletic performance. The variables will include strength, endurance, flexibility, speed, and agility. Emphasis is placed on how to conduct a proper needs analysis.

PE 5163 Coaching Methodologies
3 credits: 3 hours lecture

Prerequisite: Admission to the School of Education Graduate Program or waiver from the Coordinator of Graduate Programs.

The course focuses on theories, principles and skills related to the coaching profession. Topics will include scouting procedures, practice planning, game management, teaching sport skills, developing an effective team culture, and the application of appropriate testing procedures.

PE 5173 Sport Skills and Analysis
3 credits: 3 hours lecture

The course focuses on the structural, mechanical, neuromuscular, and biomechanical factors underlying sport skills development and examines methods for the analysis of human movement. Emphasis will be placed on applying current video and computer technology.

PE 5183 Sports Sociology
3 Credits: 3 hours lecture

The course acquaints students with sociological concepts and theories involved in the study of sport. The phenomenon of sport will be examined in the context of its role and function in the larger society. Emphasis will be placed on the influence of sports as it related to such issues as gender, religion, politics, race, ethnicity and disability.

PE 5213 School and Community Activity Planning
3 credits: 3 hours lecture

Organization and administration of recreational programs and activities. Finance, promotion, joint use of areas and facilities, group and individual activities, yearly programs, and future trends.

PE 5233 Adapted Individually Prescribed Program Practicum
3 credits: 3 hours lecture

Diagnostic and prescriptive evaluation in adapted physical education with hands-on testing exposure in areas of low motor ability and fitness. The Adapted Physical Education Individualized Program and its relation to the Special Education Individualized Education Program (IEP) will be stressed.

PE 5243 Anatomical Kinesiology
3 credits: 3 hours laboratory

Human movement and related anatomical and mechanical principles. Biomechanical analysis of joint movement, stability, and range of movement, neuromuscular physiology, and electromyography.

PE 5253 Psychology of Sports in Physical Education
3 credits: 3 hours lecture

A study of selected material from literature in sociology, social psychology, and physical education dealing with the effects and interaction of these areas. Topics dealing with competition, cooperation, the audience, leadership, group interaction and maturation will be considered along with analysis of the cultural significance of sports in contemporary society.

PE 5313 Applied Nutrition in Wellness and Sports
3 credits: 3 hours laboratory

The practical application of modern principles to develop nutritional plans for students, sports participants, and later life fitness. Modern computerized nutritional programs utilized and hands-on experience with modern instrumentation and case studies provided for basal metabolism, lean weight, fat weight, caloric expenditure, and the use of proper exercise with various nutritional plans.

PSCI Courses (Political Science)

PSCI 5013 American Political System
3 credits: 3 hours lecture
Major approaches to the study of American government. Emphasis on approaches to the study of the Presidency, Congress, the Judiciary, political parties, and interest groups.

PSCI 5103 The Middle East in Global Perspective
3 credits: 3 hours lecture
Major elements of Middle Eastern politics. Emphasis on interaction of cultural, social, political, and economic factors which determine political behavior in the Middle East.

PSCI 5123 Global Studies
3 credits: 3 hours lecture
Nature and analysis of contemporary global issues. Emphasis on frameworks for analyzing global problems and in-depth acquaintance with selected world issues.

PSCI 5133 Selected Readings in Political Science
3 credits: 3 hours lecture
Advanced readings in an area of political science. To be selected in consultation with the course instructor.

PSY Courses (Psychology)

PSY 5803 Youth at Risk Child and Adolescent Psychopathology
3 credits: 3 hours lecture
An advance preparation and professional development course for educators in alternative learning environments. Course topics include theoretical perspectives of psychopathology, behavior modification, anger management, developmental and learning disorders as well as psychosocial factors related to disadvantaged students.

READ Courses (Reading)

READ 5013 Foundations of Teaching Reading
3 credits
Prerequisite: Admission to Master of Arts in Teaching program
An introduction to the materials and methods for the teaching of reading with emphasis on theories and strategies for teaching reading, diagnosis of reading difficulties and intervention strategies for struggling readers. Additionally, the course will focus on development, assessment, and instruction for individual or small groups of students.

READ 5023 Teaching Disciplinary Literacy
3 credits
Prerequisite: Admission to Master of Arts in Teaching program
This course focuses on instructional strategies for teaching reading, writing, viewing and representing in the different disciplines including fluency, comprehension and vocabulary.

READ 5033 Survey of Reading Programs and Practices
3 credits: 3 hours lecture
Examination of latest instructional strategies in reading instruction. Best practices in reading, writing, speaking, listening, and technology will be examined as they relate to improvement in literacy instruction.

READ 5063 Literacy Across the Curriculum An Interdisciplinary Approach
3 credits: 3 hours lecture
Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs
The learning of science, mathematics, and reading as active, integrated, constructive processes involving experimentation, investigation, communication, and problem solving.

READ 5123 Practicum in Reading Instruction
3 credits: 3 hours laboratory
Practical application of reading and literacy strategies. Students will conduct action-based research that centers on the improvement of reading.

READ 5203 Developmental and Corrective Reading
3 credits: 3 hours lecture
Application of learning theory and research findings to diagnosis and remediation of reading difficulties.

SPAN Courses (Spanish)

SPAN 589V Independent Study
Variable credit. 1-3 hours credit.
See listing for SPAN 479V.

SPAN 590V Special Topics
3 credits: 3 hours lecture, may be repeated for credit
Exploration of issues involving philosophy and the humanities. Topics might be a continuing theme, a recent controversy, or a social or scholarly movement. May be repeated for a total of nine hours credit with approval of the dean.

SPCH Courses (Speech)

SPCH 589V Independent Study
Variable credit 1-3 hours credit
See listing for SPCH 479V. In addition, students would be required to perform significant research under the guidance of a faculty mentor, leading to a professional-quality performance or a competitive-quality research paper that meets the standards of the discipline.

SPCH 590V Special Topics
3 credits: 3 hours lecture, may be repeated for credit
See listing for SPCH 4623. In addition, students would be required to write a research paper of significance in the topic area and conduct a minimum of one (1) session of the seminar.

SPCH 5923 Seminar Teaching Speech
3 credits: 3 hours lecture
Evaluation and critique of micro classroom teaching, history of academic discipline, philosophy development, test design and evaluation, preparation of classroom materials, lesson planning, and the use of current technologies.

SPED Courses (Special Education)

SPED 5013 Introduction to Special Education
3 credits: 3 hours lecture
This course provides an introduction to the field of special education with an emphasis on collaboration, federal legislative mandates related to the Six Principles of IDEA, professional practice and foundations in special education and the use of Universal Design for Learning (UDL) to provide access to the general education curriculum.

SPED 5033 Contemporary Issues in Special Education
3 credits: 3 hours lecture
Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs
The study of current trends, problems, and issues concerning students with exceptionalities are presented and discussed. Also included is a study of the legislation that shapes the field.

SPED 5043 Application of Assessment Data for Exceptional Learners
3 credits
This course focuses on formal and informal assessments and the knowledge of measurement principles and practices to interpret assessment results and guide educational decisions for individuals with exceptionalities.

SPED 5053 Language Development of Exceptional Learners
3 credits: 3 hours lecture
Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs
The study of classification, etiology, abnormalities in growth and development, relationship of speech to handicapping conditions, diagnosis of speech of handicapped children and therapeutic measures used in the development of speech and language.

SPED 5073 Problems and Issues in Individualized Educational Planning
3 credits: 3 hours lecture
Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs
Methods in informal diagnosis and prescriptive programming that provide the teacher with skills to determine the child's learning style and to successfully plan instructional sequences appropriate to the child's changing skill needs.

SPED 5083 Characteristics of Exceptionality
3 credits
This course provides information related to the characteristics of individuals with exceptional learning needs and the related issues that impact their family, school, and community.

SPED 5093 Collaboration/Consultation for Inclusion
3 credits
This course focuses on collaborating with families, other educators, related service providers, and personnel from community agencies in culturally responsive ways to address the needs of individuals with exceptionalities. Collaborative models of co-teaching are also addressed.

SPED 5103 Teaching Methods for Persons with High-Needs Exceptionalities
3 credits

This course is a study of instructional methods, materials, and activities for teaching students with high-needs exceptionalities. This course addresses needs of this population in areas of functional academics, communication needs, and self-help needs. The course also explores augmentative and alternative communication needs and strategies.

SPED 5113 Teaching Methods for Persons with Exceptionalities
3 credits: 3 hours lecture

This course focuses on designing appropriate learning and performance accommodations and modifications for individuals with exceptionalities in order to promote access to the general education curriculum.

SPED 5123 Providing Positive Behavioral Supports in the Classroom Environment
3 credits

This course explores the basic principles of behavior and the steps required to conduct a functional behavioral assessment and develop a positive behavioral support plan for individuals with exceptionalities.

SPED 5133 Teaching Methods for Transition Planning and Inclusion
3 credits: 3 hours lecture

This course focuses on designing appropriate learning and performance accommodations and modifications for individuals with exceptionalities in order to promote access to the general education curriculum to transition into other educational settings.

SPED 5143 Advanced Teaching Methods for Persons with Disabilities
3 hours credit 3 hours lecture

Prerequisite: SPED 5113

This course is a study of instructional methods, materials, and activities for teaching P-4 students with disabilities. The course addresses needs of this population in areas of functional academics, communication needs, and self-help needs. The class also explores augmentative and alternative communication needs and strategies.

SPED 5123 Managing the Classroom Environment
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education Degree Program or a waiver from the Coordinator for Graduate Programs

Provides competencies required to manage learning and classroom behaviors of exceptional children. Students will be exposed to accepted theoretical and functional principles of behavior management used and observed in the classroom.

SPED 5263 Methods and Materials for Grades 4-12
3 credits: 3 hours lecture

A study of instructional methods, materials, and activities for teaching students with mildly handicapping conditions.

SPED 5313 Methods and Materials for the P-8 Level
3 credits: 3 hours lecture

Prerequisite: Admission to the Master of Education degree program or waiver from the Coordinator of Graduate Programs

Instructional methods, materials and activities for teaching children with mildly handicapping conditions.



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Emeriti

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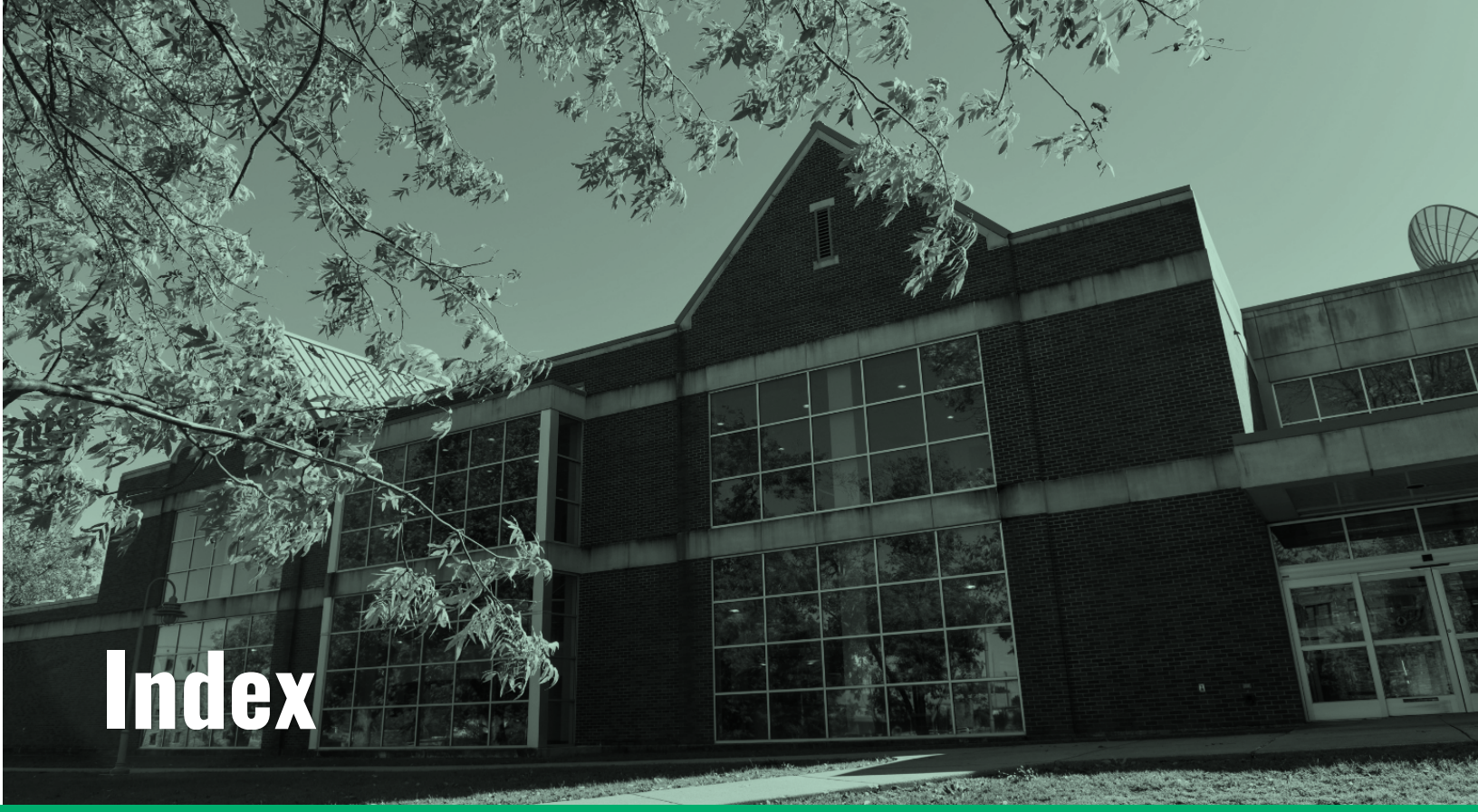
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