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The Southern Arkansas University System

The Southern Arkansas University system is a two-campus system comprised of a comprehensive regional university and a technical college with both state and regional responsibilities. Recognizing the diversity of student backgrounds and education experiences, each campus accepts its coordinated and unique role.

Southern Arkansas University is a quality, comprehensive, regional university located in Magnolia, Ark. SAU provides quality four-year undergraduate programs offering baccalaureate degrees, associate degrees, and selected master's degrees. Other information, including this catalog, is available at the website: www.saumag.edu.

Southern Arkansas University Tech is located in East Camden. It is a two-year comprehensive college specializing in technical training and offers the first two years of a university transfer program. Further information is available at the website: www.sautech.edu.

Mission Statement

The mission of Southern Arkansas University is to educate students for productive and fulfilling lives in a global environment by providing opportunities for intellectual growth, individual enrichment, skill development, and meaningful career preparation. The University believes in the worth of the individual and accepts its responsibility for developing in its students those values and competencies essential for effective citizenship in an ever-changing, free, and democratic society. Further, the University encourages and supports excellence in teaching, scholarly, and creative endeavors, and service.

Revised 2006

Welcome to SAU

Information

Academic Programs	Vice President for Academic Affairs
Admission and General Information	Dean of Enrollment Services
Alumni Affairs	Director of Alumni Affairs
Business Affairs	Vice President for Finance
Continuing Education and Extension	
Courses.....	Director of Continuing Education
Evaluation of Credits, Transcripts, and Veterans Affairs.....	Registrar
Gifts	Director of Development
Graduate Studies	Dean of Graduate Studies
Housing	Associate Dean for Housing
Financial Aid.....	Director of Financial Aid
International Admissions.....	Director of International Student Services
Social Activities	Assistant Dean of Students for Student Activities
Student Accounts	Coordinator of Student Accounts
Student Affairs	Vice President for Student Affairs
Student Counseling	Director of the Office of Counseling and Testing
Student Employment.....	Director of the Employment Resource Center
Student Teaching.....	Director of Field Experiences, College of Education
University Administration.....	President

Visitors

Southern Arkansas University is located in the city of Magnolia, which is approximately 55 miles east of Texarkana, 80 miles northeast of Shreveport, and 140 miles south of Little Rock. Visitors are welcome at Southern Arkansas University, and campus tours can be arranged by appointment.

- Temporary parking permits can be obtained from the University Police.
- Visitors should contact the Office of Admissions (for undergraduate information) at (870) 235-4040 or the School of Graduate Studies (for graduate information) at (870) 235-4150 for an appointment or for further information.
- The University switchboard number is (870) 235-4000.
- The SAU fax number is (870) 235-5005.
- The toll-free number for the Office of Admissions only is (800) 332-7286.
- The SAU website is www.saumag.edu.

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University Calendar 2010-2011

Fall 2010

August 23	Monday	Late Registration, Advising and B.A.M. Part II
August 24	Tuesday	Late Registration, Advising and B.A.M. Part II
August 25	Wednesday	Late Registration with penalty
August 25	Wednesday	Classes begin
August 27	Friday	Last date to apply for December graduation
September 1	Wednesday	Last date of entrance and course additions
September 6	Monday	Labor Day Holiday
October 18	Monday – 10:00 a.m.	Mid-semester grades due in the Office of the Registrar
November 3	Wednesday	Last date for dropping courses or withdrawing from the University
November 8	Monday	Last date to change <i>I</i> grades in the Office of the Registrar
November 23	Tuesday	Last date to register for winter intersession classes
November 23	Tuesday – 9:00 p.m.	Thanksgiving holiday begins
November 29	Monday	Classes resume
December 7	Tuesday	Final examinations begin
December 10	Friday	Semester ends
December 10	Friday	Commencement
December 13	Monday – 10:00 a.m.	Final grades due to Registrar

Winter Intersession 2010-2011

December 27	Monday	Winter intersession classes begin
December 30	Thursday	Last date for dropping courses or withdrawing from the University
January 7	Friday	Winter Intersession classes end
January 10	Monday– 10:00 a.m.	Final grades due to Registrar

Spring 2011

January 10	Monday	Late Registration and Advising
January 11	Tuesday	Late Registration and Advising
January 12	Wednesday	Late Registration with penalty
January 12	Wednesday	Classes begin
January 14	Friday	Last date to apply for May graduation
January 17	Monday	Martin Luther King, Jr. Holiday
January 20	Thursday	Last date of entrance and course additions
March 7	Monday – 10:00 a.m.	Mid-semester grades due in the Office of the Registrar
March 21-25	Monday – Friday	Spring vacation
March 28	Monday	Classes resume
March 30	Wednesday	Last date for dropping courses or withdrawing from the University
April 25	Monday	Last date to change <i>I</i> grades in the Office of the Registrar
April 28	Thursday	Last day to register for spring intersession classes
May 2	Monday	Final examinations begin
May 6	Friday	Semester ends
May 6	Friday	Commencement
May 9	Monday – 10:00 a.m.	Final grades due to Registrar

Spring Intersession 2011

May 9	Monday	Spring intersession classes begin
May 12	Thursday	Last date for dropping courses or withdrawing from the University
May 20	Friday	Spring intersession classes end
May 23	Monday – 10:00 a.m.	Final grades due to Registrar

**Summer 2011
First Term**

May 23	Monday	Advising and registration
May 24	Tuesday	Classes begin
May 25	Wednesday	Last date of entrance and course additions
May 26	Thursday	Last date to apply for August graduation
May 30	Monday	Memorial Day
June 3	Friday	Classes meet (make up for Memorial Day)
June 15	Wednesday	Last date for dropping courses or withdrawing from the University
June 23	Thursday	First summer term ends
June 27	Monday – 10:00 a.m.	Final grades due to Registrar

**Summer 2011
Second Term**

July 5	Tuesday	Advising and registration
July 6	Wednesday	Classes begin
July 7	Thursday	Last date of entrance and course additions
July 8	Friday	Classes meet (make-up for Independence Day)
July 27	Wednesday	Last date for dropping courses or withdrawing from the University
August 4	Thursday	Second summer term ends
August 5	Friday	Commencement
August 8	Monday – 10:00 a.m.	Final grades due to Registrar

Southern Arkansas University in Profile

Enrollment

Southern Arkansas University has an enrollment of approximately 3200 students. In the fall 2009 semester there were 2,777 undergraduate students and 449 graduate students.

Faculty

Southern Arkansas University faculty are recognized experts in their fields, with many having national and international reputations as scholars and researchers. In order to maximize interaction between students and faculty, SAU maintains small class sizes in most academic programs. Overall, the student to faculty ratio is 16 to 1 per class.

Library

Magale Library is a centrally located learning resource center containing more than 148,000 book volumes. The library has 80 computers for student use and provides electronic access to more than 40 databases and over 21,000 full-text publications. Library resources can be accessed through the library homepage at library.southernarkansasuniversity.info. The Magale building also houses the Writing Center and the education teacher department.

Honors College

Southern Arkansas University's Honors College provides courses with small class sizes that will both challenge and inspire students to achieve their academic and intellectual potential. Students must have an ACT composite score of at least 26 in order to be considered for admission into the Honors College. SAU students who have a grade point average of 3.50 or higher may also apply for admission. Other criteria may also be used to determine eligibility. Once accepted into the Honors College, students will be offered general education courses created especially for them with small class sizes.

Honors College students will complete 9 credit hours of Honors College courses in the general education core and will complete 15 hours of upper division course work. These academic accomplishments will be acknowledged on the transcripts and diplomas of Honors College graduates. Their academic achievement will also be recognized at graduation.

Honors College students are awarded a \$600 stipend per academic year.

For more information about the Honors College at Southern Arkansas University, contact the Honors College, at epkardas@saumag.edu or (870) 235-4375.

Residential College

The Residential College is a selective living/learning community designed for freshmen students that focuses on students' academic and personal success through leadership development, citizenship, and service learning. Eighty-two incoming freshmen are selected each year from across the different academic colleges and live together in Fincher Hall. To be eligible for the program, a student must be a beginning freshman, have a composite ACT score of at least 22, and have leadership/volunteer experience in high school. RC students also enroll in courses together during their first year at SAU and take an active role in planning and initiating activities and service projects in their residence hall and across campus. Members of the RC may apply to be a part of the Sophomore Residential College after their first year at SAU.

Accreditation

Southern Arkansas University is accredited by the following entities:

AACSB International
The Association to Advance Collegiate Schools of Business
777 South Harbour Island Boulevard, Suite 750
Tampa, FL 33602
(813) 769-6500 www.aacsb.edu

The Higher Learning Commission of the North Central Association
30 North LaSalle Street, Suite 2400
Chicago, IL 60602-2504
(312) 263-0456 or 800-621-7440

National Association of Schools of Music
11250 Roger Bacon Dr., Suite 21
Reston, VA 20190
(703) 437-0700 www.arts-accredit.org

National Council for the Accreditation of Teacher Education
NCATE
2010 Massachusetts Ave., NW, Suite 500
Washington, DC 20036
(202) 466-7496

National League for Nursing Accrediting Commission
3343 Peachtree Road, NE, Suite 500
Atlanta, GA 30326
(404) 975-5000

Council on Social Work Education
1725 Duke Street, Suite 500
Alexandria, VA 22314-3457
(703) 519-2058 www.cswe.org

Commissions on Accreditation of Athletic Training Education
2201 Double Creek Drive, Suite 5006
Round Rock, TX 78664
Phone – (512) 733-9700
Fax – (512) 733-9701

Memberships

SAU holds memberships in the following national organizations:

The Higher Learning Commission of the North Central Association
American Council on Education
American Association of Colleges for Teacher Education
American Association for Higher Education and Accreditation
American Association of State Colleges and Universities
American Association of University Women
The Association to Advance Collegiate Schools of Business International
National Association of Schools of Music
National Collegiate Athletic Association
National Collegiate Honors Council
National Commission on Accrediting
National Council for the Accreditation of Teacher Education
National Council of Educational Opportunity Associations
National League for Nursing

An Endowment

The Southern Arkansas University Foundation Endowment: The Key to Progress.

Endowments create a financial bridge for students in need, enhance academic and athletic offerings, and ensure that programs and facilities are able to meet increased curriculum and technology demands. Individuals, businesses, and civic organizations have established over 800 endowments to strengthen the University through the SAU Foundation. These endowments provide a steady stream of income that supports students, faculty, and programs regardless of the ebb and flow of state funding and grants.

As a perennial funding resource for the University, endowments are indispensable to excellence. In fact, the size of an endowment is considered a measure of institutional health because it reflects the value that donors place on the institution. Endowment gifts from alumni and friends ensure SAU's progress toward the Blue and Gold Vision.

Created in accordance with the wishes of the donors and the needs of the University, endowments present a special opportunity to commemorate one's own affection for SAU or to honor or memorialize a family member, special teacher, or other individual with a permanent fund that provides a named gift each year. The Foundation works with donors to create opportunities in areas of the donor's greatest interest, including a specific school, department, or other campus entity.

State appropriations now provide less than 40 percent of the University's budget, making endowments critical for the pursuit of excellence. We ask you to consider beginning your endowment today. Call the Office of Development (toll free) at 877-235-7409 and ask for the Endowment Worksheet, visit us at www.saufoundation.org, or call 870-235-4991 to visit with the executive director.

Athletics

SAU sports activities encompass individual and team events. Varsity teams compete in the NCAA Division II Gulf South Conference with men's competition in baseball, basketball, cross country, football, golf, and track and field; and women's competition in basketball, cross country, golf, softball, tennis, track and field, and volleyball. Men's and women's rodeo teams also participate in intercollegiate competition. Intramural activities are sponsored throughout the University year.

Entrance Requirements

Southern Arkansas University is committed to student success and will provide admission opportunities utilizing multiple measures of academic preparedness. Admission to SAU undergraduate and graduate programs is selective. Prospective students should consult the specific academic program of their choice regarding specific program admissions requirements. Applicants for admission to all undergraduate academic programs at SAU must submit to the SAU Office of Admissions documentation of high school graduation or completion of the General Educational Development (GED) Certificate, American College Test (ACT) scores, and documentation fulfilling all other admission application requirements.

Degree Programs

Associate: agricultural science, business administration, chemistry, general studies, industrial technology, and nursing.

Baccalaureate: accounting; agricultural business; agricultural education; agricultural sciences; fine art (studio art or communications design); athletic training; biological science; business administration (with major areas of emphasis or concentrations in finance, general business, organizational management, management information systems and marketing); chemistry; computer science; criminal justice; engineering-physics; English (English education); exercise science; Foreign Language (Spanish and French education); general science; general studies; history; human performance, recreation, and community service (community service or sports management); early childhood education (with focus areas in P-4 or P-4 inclusive; inclusive early childhood education non-licensure); mass communication (digital media production or mass media); mathematics; middle school education; music; music education; nursing; physical education, wellness and leisure; political science; psychology; social work; sociology; and theatre.

Minor: accounting; Africana studies; animal science; art history; Asian studies; biological science; chemistry; computer science; criminal justice; digital media production; education; English; exercise science; finance; fire science; French; general business; geography; geology; communications design; health, kinesiology, and recreation; history; horticulture; human performance, recreation, and community service; juvenile justice; management information systems; marketing; mass media; mathematics; music; organizational management, physics; plant science; political science; psychology; religious studies; social work; sociology; Spanish; speech; studio art and theatre.

Pre-professional Programs: pre-architecture; pre-chiropractic; pre-dental hygiene; pre-dentistry; pre-engineering; pre-forestry; pre-law; pre-medicine; pre-nuclear medicine technology; pre-nursing; pre-occupational therapy; pre-optometry; pre-pharmacy; pre-physical therapy; pre-radiological technology; pre-respiratory therapy; and pre-veterinary science.

Professional Programs: CPA; CFP®; CMA; RN; and LPN to RN; RN-BSN; BSN.

School of Graduate Studies

The mission of the Southern Arkansas University School of Graduate Studies is to prepare individuals for positions of leadership in a variety of professions by providing advanced and specialized education. The curricula and instructional technologies are designed to meet the needs of students in our region and to prepare them to compete in a diverse and dynamic society.

The administration of the graduate school is vested in the Graduate Council and the dean of the School of Graduate Studies. For more information about the School of Graduate Studies, please see our Graduate Catalog available at <http://www.saumag.edu/graduate/>.

Degree Programs: Graduate study is offered in the following areas leading to the master's degree: mental health and clinical counseling (M.S.); student affairs and college counseling (M.Ed.); school counseling (M.Ed.), (P-8/7-12); educational leadership (building administrator P-8/7-12, also non-degree district administrator licensure program available) (M.Ed.); education (M.Ed.) with emphasis areas: curriculum and instruction (offered online) [P-12], special education: early childhood instructional specialist [P-4]; special education instructional specialist [4-12]; gifted/talented [P-8/7-12] and math [P-8/7-12]; kinesiology (M.S); library media and information specialist (M.Ed.); master of science in computer and information science (M.S.C.I.); master of arts in teaching (M.A.T.); master of public administration (M.P.A.); master of science in agriculture (M.S.) and master of business administration (M.B.A.)

Student Activities

SAU has more than 100 student organizations active in campus activities and functions, including a total of 15 national sororities and fraternities. For more information, contact the Office of Student Activities at (870) 235-4925.

Student Housing

SAU has men's, women's and coed residence halls as well as the University Village Apartments. Students should contact the Office of Housing for information by calling (870) 235-4047.

General Information

Southern Arkansas University is located in Magnolia, which has a population of 11,766. Magnolia is approximately 55 miles east of Texarkana, 80 miles northeast of Shreveport, and 140 miles south of Little Rock. Magnolia is a growing, progressive town in the heart of an agri-business, industrial, timber, and oil-producing area. The citizens of the region have continually shown interest in SAU students by encouraging them to participate in the civic and social life of the community.

Southern Arkansas University was founded as the Third District Agricultural School. One of four such schools established by an Act of the Arkansas General Assembly in 1909, it opened in January 1911 as a district secondary school for southwest Arkansas. In 1925, the state legislature authorized the school to add two years of college work to its curriculum and to change its name to Agricultural and Mechanical College, Third District. It carried both high school and junior college courses until 1937, at which time the high school courses were discontinued. In the fall of 1949, the Board of Trustees,

exercising authority vested in it by the state legislature, decided to make the college into a four-year, degree-granting institution. The Board authorized the adding of third-year college courses to begin with the fall semester of 1950, and fourth-year or senior courses to begin with the fall semester of 1951. By Act Eleven, January 24, 1951, the state legislature changed the name of the institution to Southern State College. In 1975, the college was approved and accredited to offer a master of education degree in selected academic areas. The name was changed to Southern Arkansas University on July 9, 1976.

University Goals

1. Our graduates possess the knowledge and skills to be successful.
2. Our graduates understand their own and other societies and cultures.
3. Our graduates are prepared to be contributing members of their communities.
4. Our graduates communicate effectively.
5. Our graduates understand the process of making informed and ethical decisions.
6. Our graduates utilize appropriate quantitative skills in making decisions.
7. Our graduates use technology effectively.

Revised spring, 2005

Admissions and Enrollment Information

Admissions

All students who register for credit classes at SAU must be officially admitted to the University. All questions about the admissions process should be addressed to the Office of Admissions, which receives and processes all undergraduate applications and issues letters of admission to qualified applicants.

First-time Freshman Admission

To apply for admission as an undergraduate student at Southern Arkansas University, an entering freshman must submit the following:

1. Application for admission;
2. ACT scores; and
3. High school transcript or GED certificate showing graduation date.

After being admitted, an entering freshman must submit the following:

1. Registration Demographic Form;
2. Medical immunization forms; and
3. Other information as requested by the Office of Admissions.

An application for a residence hall room, along with a \$50 deposit, must also be submitted by those students required to live in a campus residence.

Unconditional Admission for Beginning Students: Beginning students who have ACT scores of 19 or higher on the English, mathematics, and reading parts of the ACT

examination, and who have graduated from high school, will be admitted unconditionally to Southern Arkansas University.

Beginning with the 2002-2003 academic year, any public school student who graduated from a public high school (in-state or out-of-state) after May 1, 2002, must have successfully completed the core curriculum, recommended by the State Board of Education with a minimum grade point average of 2.00 on a 4.00 scale to be eligible for unconditional admission [Act 1290 of 1997 (ACA 6-60-208), amended by Act 520 of 1999].

Conditional Admission for Beginning Students: Beginning students who do not qualify for unconditional admission but who have earned a composite ACT score of 16 or higher or are ranked in the top quarter of their graduating class will be conditionally admitted to Southern Arkansas University.

Conditional Admission requires completion of 12 semester hours of core academic courses and any necessary remedial courses with a cumulative grade point average of 2.00 within the first 30 semester hours of college level credit. Failure to do so may result in academic suspension, academic probation, or limiting the course enrollment for subsequent semesters. Core courses are defined as courses required in the General Education block in the Southern Arkansas University General Catalog.

Students admitted conditionally must successfully complete all developmental courses they are required to take in a regular and consistent manner. The four developmental courses are college reading, fundamentals of writing, fundamentals of mathematics, and intermediate algebra. Successful completion in a regular and consistent manner means that required developmental courses be taken each semester the student is registered. If two or more developmental courses are required, the student must register for at least two developmental courses during the first semester (fundamentals of mathematics and intermediate algebra cannot be taken concurrently).

PLACEMENT EQUIVALENT CHART				
	ACT	Asset	Compass	SAT
Composition I	19	45	75	470 Verbal
College Algebra	19	39	41	460 Math
Intermediate Algebra	18	34-38	35-40	440-459 Math
Fundamentals of Math	1-17	1-36	1-34	Below 44 Math
College Reading	1-18	1-42	1-81	470 Verbal

GED, Home School, Private and Charter School Graduates: These students are admitted by virtue of their ACT scores as specified above.

Non-Traditional Students: Students who are 25 years of age or older are admitted regardless of their ACT scores, but they must submit ACT scores to determine whether they must take developmental courses.

Core Curriculum Requirements for Unconditional Admission

English: Four units with emphasis on writing skills, not to include courses in oral communications, journalism, drama or debate.

Natural Science: Three units, with laboratories, chosen from physical science, biology, chemistry, or physics. Only one unit may come from a life science.

Mathematics: Four units, including Algebra I and II, geometry, and an advanced math course. It is strongly recommended that students take a math course during their senior year.

Social Studies: Three units, including one of American history (does not include contemporary American history), one of world history (not to include world cultures, world geography, or global studies), and at least one-half unit of civics or American government (not to include courses in practical arts).

Note: These requirements differ slightly from the core curriculum requirements for the Arkansas Academic Challenge Scholarship.

Students not seeking a degree may be admitted at the discretion of the director of admissions. In addition, any applicant has the right to appeal to the Admissions Appeal Committee.

Transfer Students Admissions

All entering transfer students are required to submit a formal application for admission. An official transcript from each college attended must also be mailed directly from the institution(s) to the Office of Admissions. Official copies of all transcripts must be on file in the Office of Admissions before a decision on admission can be made. A transfer student with fewer than 24 semester hours may also be required to enroll in college reading and freshman seminar.

All of the following specific regulations apply:

1. Transfer students must be in good standing with the institution they last attended in order to be eligible for admission to Southern Arkansas University.
2. Transfer students who have attempted 1-14 semester hours must meet the admission standards for beginning freshmen. If they have a cumulative grade point average of less than 1.00 (on a 4.00 scale), their admission is subject to approval of the director of admissions.
3. Transfer students who have attempted 15-29 semester hours must have a cumulative grade point average of 1.50 or higher (on a 4.00 scale) to be considered for admission.
4. Transfer students who have attempted 30 or more semester hours must have a cumulative grade point average of 2.00 or higher (on a 4.00 scale) to be considered for admission.
5. Transfer students must provide transcripts indicating the courses equivalent to Composition I and college algebra have been successfully completed with grades of C or higher or submit ACT, SAT, Compass, or ASSET scores for placement purposes.
6. Transfer students who are 25 years of age or older are admitted regardless of ACT, SAT, or ASSET scores, but they must submit ACT, SAT, Compass, or ASSET scores for placement.

7. The hours earned at any accredited institution will be posted to the SAU transcript, but the grade point average earned at those institutions will not be used to calculate the cumulative grade point average.
8. Only courses with grades of C or higher will transfer. Applications from transfer students who do not meet the above requirements and have been out of college for at least one year will be reviewed by the director of admissions for special consideration. In addition, any applicant has the right to appeal to the Admissions Appeal Committee.

All entering transfer students with fewer than 24 semester hours must provide an official copy of their high school transcript or GED certificate and a copy of each ACT or SAT taken.

No transfer students may disregard their academic records at other institutions they have previously attended. All records should be evaluated before registering at SAU, or the students will have to accept the consequences of enrolling in duplicate courses or failing to enroll in required courses.

Students transferring from two-year collegiate institutions (including SAU Tech) may transfer a maximum of 68 semester hours to SAU, **but the grade point average earned at those institutions will not be used to calculate the cumulative grade point average.**

All transfer work will be evaluated by the dean of the appropriate college and the Office of the Registrar. Courses taken at a lower-division level which are offered at the upper-division level at SAU **cannot** be accepted for **degree** credit unless validated satisfactorily. The validation procedure to be used for particular courses will be determined by the appropriate dean. Validated courses will be accepted at the level at which credit was earned and not at the level at which the course was validated. Upper-level credit is not awarded for courses taken at a lower level. In some majors, additional upper-level hours will be required to meet the 40-hour requirement for upper-level credit. For a course to count towards graduation requirements, proof of its validation must be on file in the Office of the Registrar by the last day to register for classes during the semester or summer term of graduation. Any hours remaining after the residency requirement for the SAU campus has been met must be completed at an accredited senior institution.

A maximum of six hours of religion will be accepted for degree credit if approved by the appropriate dean.

To be admitted to SAU, transfer students must be eligible to re-enter the institution they last attended.

Transfer students who hold the associate of arts, associate of science, or associate of arts in teaching: ACT 182 of 2009 was passed by the Arkansas General Assembly to make the AA, AS and AAT degrees fully transferable among higher education institutions in Arkansas. Arkansas institutions offering approved associate degrees for transfer under ACT 182 are listed on the Arkansas Department of Higher Education website (www.adhe.edu). These degrees from Arkansas institutions include credits fulfilling the state minimum general education core, providing for the seamless transfer

of credit hours for the degree holders. Except for additional requirements related to the student's major or university regulations, no additional lower division general education courses will be required. An advisor from the major or program will assist students with their continued course of study.

This agreement does not address specific degree requirements, such as major or minor courses, outside of the general education component. Students planning to transfer should choose elective courses based on the specific degree requirements at the institution from which they expect to receive the baccalaureate degree. Transfer students holding the AA, AS, or AAT with a cumulative grade point average of 2.00 or higher on a 4.00 scale will be accepted for transfer subject to the following conditions:

1. Remedial course grades will not be computed in the cumulative grade point average for purposes of admission to a four-year institution.
2. Courses taken to satisfy the associate of arts degree requirements must have a grade of C or higher to transfer to a four-year institution.
3. Degree and program requirements (catalog rights) for students who transfer from a two-year institution to a four-year institution under this agreement will be determined in the same manner as if their initial enrollment had been at the four-year institution.
4. Calculation of the overall grade point average for purposes of graduation and awarding of honors is left to the discretion of the institution granting the degree or award.

International Students Admissions

Students from outside the United States must submit the following:

1. Evidence that they are academically eligible to attend universities in their own country;
2. Evidence that their ability to read, write, speak, and understand English is sufficient to enable them to profit from their courses;
3. Evidence that they have adequate financial resources for their university education;
4. Evidence that they have and will continue to have adequate medical insurance during their enrollment at SAU.

International students who have graduated with a G.E.D. in the United States or a degree (high school, bachelor's, or master's degree) from an accredited school in the United States or another English-speaking country must meet the same admission requirements as U.S. students. Other English-speaking countries include Anguilla, Antigua/Barbuda, Australia, Bahamas, Barbados, Belize, Bermuda, British Guyana, Cameroon (West/English-speaking), Canada (except Quebec), Cayman Islands, Dominica, Falkland Islands, Fiji, Grenada, Guam, Guyana, Ireland, Jamaica/other West Indies, Liberia, Montserrat, New Zealand, South Africa (English schools), St. Helena, St. Kitts and Nevis, St. Lucia, St. Vincent, Trinidad-Tobago, Turks and Caico Isle, United Kingdom, and the Virgin Islands.

For other international students, the English language requirement of SAU will be met when the applicant has submitted proof of ONE of the following:

1. A score of 61 or higher on the internet TOEFL;
2. A score of 500 or higher on the written TOEFL;
3. A score of 173 or higher on the computerized TOEFL;
4. A composite score of Band 5.5 on the IELTS (International English Language Testing System);
5. Completion of Level 109 at an ELS Language Center or completion of an equivalent intensive English language program from an accredited college or university within the United States;
6. A score of 410 on the SAT Critical Reading component OR a score of 19 on the ACT English.

New international undergraduate students (*except those who have scores of 410 on the SAT verbal or 19 on the ACT English) must take the residual ACT prior to registration for classes to assess their English skills for placement purposes. An additional placement exam may also be offered to ensure proper advisement into appropriate English courses.

When international students have been officially admitted to Southern Arkansas University, a Form I-20, properly signed, will be sent to them.

Completed applications must reach the University by July 1 for students planning to enroll for the fall semester, November 1 for those planning to enroll for the spring semester, and April 1 for those planning to enroll for summer sessions. A \$35 fee must accompany each application. **This fee is non-refundable.**

Pre-payment Policy for International Students: Government regulations and banking practices change as countries attempt to meet domestic and foreign needs in the world economy. Sometimes these changes make it difficult or impossible for students attending SAU to transfer funds in a timely manner to pay for their educational expenses. Any delay results in international students arriving without the ability to pay for their expenses. This situation is unfair both to students and to the University.

Twice each year, the International Student Office will review the situation in each country from which applications are received and will prepare a list of countries that are having difficulty with transfers of funds out of their country. This list will be sent through channels to the president for approval.

If accepted, students coming from countries on this list will be required to prepay one full semester prior to arrival.

Non-Degree Student Status

An individual who wishes to take college courses for credit but who does not necessarily intend to earn a degree may be admitted to the University as a non-degree student by permission following an interview with the dean of enrollment services. Non-degree students receive college credit for work successfully completed at SAU; but, if they decide to work toward a degree, they must complete a Change of Status Form at the Office of Admissions for conversion to regular student status and satisfy all entrance requirements for a regular student. The non-degree student classification is especially useful for the adult who wishes to take some college work for personal enrichment or

job-related benefits. Students are encouraged to contact an advisor after 24 hours of work as a non-degree student for consultation on whether to change to regular student status. Non-degree students taking a math or English course must take the ACT or SAT test for placement. Non-degree students who carry a full load are subject to placement in the Academic Opportunities Program.

Requirements Which May Not Be Delayed

Full-time students must complete the following three graduation requirements at the time prescribed below:

1. Full-time students whose ACT test scores or equivalent fall into any of the categories listed below must enroll in the appropriate General Studies reading, writing, and math every semester until they have successfully completed these courses:

Reading	18 and below
English	18 and below
Mathematics	18 and below

2. All full-time students must enroll in a writing course each semester until they have completed ENGL 1123, English Composition II.
3. All full-time students must enroll in a mathematics course each semester until they have completed MATH 1023, College Algebra.

Course Credit Transfer

Academic course credits transferred from regionally accredited colleges and universities and accepted by Southern Arkansas University will be posted to the student's SAU transcript. Only courses with an earned grade of *C* or higher will be accepted for transfer credit. Transfer course credit will not be included in calculating the student's cumulative SAU grade point average.

Academic Bankruptcy for Returning Southern Arkansas University-Magnolia (SAU-M) Students

A Southern Arkansas University-Magnolia undergraduate student who has not been enrolled in any college or university for a period of at least three years (36 months) immediately preceding the intended enrollment at Southern Arkansas University may file for academic bankruptcy. The student must apply for and declare academic bankruptcy at the time of admission to SAU or within the first semester or term of enrollment. The following criteria will apply only to course work attempted at SAU-M :

1. The academic bankruptcy policy will be limited to semesters or terms completed during any consecutive 12-month period.
2. The student will forfeit the use of all college or university credits earned during any declared academic bankrupt semester or term.
3. A declaration of academic bankruptcy may be exercised once in a student's academic career, and the declaration is final and irreversible.
4. A student who declares academic bankruptcy must be an undergraduate student seeking the initial undergraduate degree.

5. The notation "academic bankruptcy" and the date will be noted on the student's permanent record for each declared academic bankrupt semester or term.
6. The credits will appear on the student's permanent record or transcript, but no courses in any declared academic bankrupt semester or term will be used in computing the student's grade point average.
7. Policies related to academic bankruptcy pertain only to Southern Arkansas University, Magnolia, and may not be honored by other universities for admittance to undergraduate programs, admittance to graduate schools, or admittance to professional schools.
8. All semesters or terms, including any semester or term of declared academic bankruptcy, will count toward athletic certification.
9. In regard to financial aid history, accumulated semester and award limits include all semesters of enrollment, including any semester of declared academic bankruptcy.
10. All semesters or terms, including any semester or term of declared academic bankruptcy, will be included in the computation of the student's cumulative grade point average for academic honors.
11. In regard to VA certification, accumulated semester and award limits include all semesters of enrollment, including any semester of declared academic bankruptcy.
12. A student who declares academic bankruptcy will be subject to all University policies.

To request academic bankruptcy, a student must submit a Petition for Academic Bankruptcy and all transcripts of prior college or university work to the Office of Admissions at the time of application for admission to SAU or within the first semester or term of enrollment. After reviewing all records to determine that the student has met the three-year period of non-enrollment, the dean of enrollment services will verify the request, counsel the student, and forward the student's folder to one of the following individuals:

1. Dean of student's intended major if the student has 30 hours or more of transfer credit.
2. Academic Advising and Assistance Center if the student has fewer than 30 hours of transfer credit, or is undecided on a major and has fewer than 46 hours of transfer credit.

An additional copy of the Petition for Academic Bankruptcy will be forwarded to the registrar by the dean of enrollment services.

Any petition for an exemption to the criteria as stated above will be directed to the Academic Suspension Appeals Committee.

High School Cross Enrollment

High school students who meet the prescribed criteria (outlined below) adopted by the State Board of Higher Education (SBHE) and are recommended by their high school principal or superintendent may enroll in University courses while in high school when the combined enrollments do not exceed a normal academic load.

Each student must meet the SBHE-adopted criteria stated under either I or II below:

- I. Presentation of standardized test scores and high school grades:
 - A. Score at the 80th percentile or higher on national norms on that portion of the ACT, PSAT, or SAT related to the subject matter area of the course(s). (Have a composite score at the 80th percentile if the subject matter is not related to a portion of one of these tests.)

and
 - B. High school grades of either:
 - i. A grade point average of 3.50 or higher (on a 4.00 scale) in high school courses in the subject matter. For ninth grade students, courses in the previous two school years shall be included.

or
 - ii. An overall grade point average of 3.50 or higher (on a 4.00 scale). For ninth grade students, courses in the previous two school years shall be included.
- II. Individual evaluation based on other performance criteria

Students may be selected through a process determined to be appropriate by the high school principal or counselor and the SAU Office of Admissions and based on performance criteria which justify waiver of the standardized test scores and the grade point average criteria contained in I.A. and I.B. above.

To be considered under this program, a student must submit an Application for Admission and a letter of recommendation from the high school principal, superintendent, or counselor stating that the student meets all prescribed criteria.

Students applying for admission under provisions in item II above must provide a statement from the superintendent or principal outlining the selection process and performance criteria deemed to justify waiving the test score and grade point requirements. Southern Arkansas University reserves the right to determine whether the criteria meet the University's admissions standards.

High School Concurrent Enrollment

Southern Arkansas University supports the idea that exceptional high school students should be given the opportunity to advance their academic careers. One such opportunity is Concurrent Enrollment, which should be understood to be separate from other opportunities to earn college credit (cross-enrolled). Concurrent enrollment involves courses that are offered for credit at both the University and high school level. The grade received in the coursework is placed on the student's permanent University transcript. High school students must meet University guidelines. Students should contact their high school and the SAU Admissions Office for details. Guidelines are subject to change as recommended by the Arkansas Department of Higher Education.

State Minimum Core (Transfer Core)

The following material applies to students who may wish to transfer from SAU to another state institution. Act 98 of 1989 (Arkansas Code 6-61-218) provides that the State Board of Higher Education "shall establish in consultation with the colleges and universities a core of courses which shall apply toward the general education core curriculum requirements for baccalaureate degrees at state supported institutions of

higher education and which shall be fully transferable between state institutions.” The courses listed on the following pages constitute SAU’s “State Minimum Core.”

Students who transfer from SAU to another institution should note that courses not listed may not be transferable to other state institutions. Transfer credit also cannot be guaranteed by SAU when the total number of hours from any of the five designated categories exceeds the number listed for that category. Other institutions within Arkansas are required to accept only 35 hours from SAU’s general education core.

The following additional restrictions apply with regard to the “State Minimum Core.”

Institutions may require additional general education courses for specific majors.

For example, institutions may require students majoring in math, engineering, science, and business to take **higher math** courses as part of the State Minimum Core.

Likewise, institutions may require students majoring in math, engineering, science, education, and health-related professions to take **higher** or **specific science** courses as part of the State Minimum Core.

State Minimum Core

Acceptable as General Education at Southern Arkansas University

English/Communication (9 hours)

ENGL 1113 Composition I	3
ENGL 1123 Composition II	3
SPCH 1113 Introduction to Public Speaking	3

Fine Arts/Humanities (6 hours)

ART 2013 Art Appreciation	3
ENGL 2213 World Literature I	3
ENGL 2223 World Literature II	3
HUM 2003 Film Appreciation	3
MUS 2013 Music Appreciation	3
PHIL 2403 Introduction to Philosophy	3

Mathematics (3 hours)

MATH 1003 College Mathematics	3
MATH 1023 College Algebra	3
MATH 1045 Pre-Calculus Mathematics	5
MATH 1525 Calculus I	5

Natural Science – (8 hours)

A. Biological, one selected from the following:

BIOL 1103/1101 Introduction to Biology/Lab	4
BSCI 1013/1011 The Biological Sciences/Lab	4

and

B. Physical, one selected from the following:

CHEM 1013/1011 College Chemistry I/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4
CHEM 1133/1131 Chemistry in Society/Lab	4
GEOL 1003/1001 Physical Geology/Lab	4
PHSC 2023/2021 The Physical Sciences/Lab	4
PHYS 2003/2001 General Physics I/Lab	4
PHYS 2203/2201 University Physics I/Lab	4

Social Science – (9 hours)

3 hours selected from the following:

HIST 2013 U.S. History I	3
HIST 2023 U.S. History II	3

and

3 hours selected from the following:

HIST 1003 World History I	3
HIST 1013 World History II	3

and

3 hours selected from the following:

ECON 2103 Principles of Microeconomics	3
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or

FIN 2003 Personal Finance	3
GEOG 2003 Introduction to Geography	3
PSCI 2003 American Government: National	3
PSYC 2003 General Psychology	3

either

SOC 1003 General Anthropology	3
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or

SOC 2003 Introduction to Sociology	3
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Continuing Education

The University recognizes the special needs and problems of non-traditional adult learners through a program of on-campus and off-campus night classes, workshops (organized upon request), short courses, and non-credit community service activities. A greatly simplified admissions procedure is available for non-credit students and for non-degree seeking credit students.

Continuing Education Unit (CEU) credit is awarded in University-approved classes and workshops to those who do not register for academic credit. "One CEU is 10 contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction," according to the Council on the Continuing Education Unit. The CEU is a uniform, nationally recognized unit of measure acceptable to many associations and professional societies which require continuing education experiences as a certification requisite.

Registration

After being admitted to the University, each student must register for courses at the time designated by the University. The student is responsible for the accuracy of the registration schedule, which should correspond with planning a program of study and meeting the requirements of graduation.

No credit will be granted for courses for which the student has not been duly registered.

The last day a student will be allowed to register is the Wednesday of the second week of classes of a regular semester or the third day of the first week of a summer session. Students entering late (after the regular registration period) must pay a \$25 late registration fee and may be required to take a reduced class load.

A student's registration is incomplete until all admissions requirements are met and all fees have been paid.

Change of Registration

A student's schedule may be changed during the first six days of classes of a regular semester or the first three days of a summer term, subject to the approval of the advisor and the payment of a \$10 fee.

Dropping a Course

A student may drop a course without penalty until the end of office hours on Wednesday of the 11th week of a regular semester or Wednesday of the third week of a summer term subject to the consultation with the advisor and the payment of a \$10 fee. A student who drops a course after these deadlines will receive a grade of *WF* (withdrawal with failure), except for circumstances beyond the student's control which are approved by the registrar. A grade of *WF* is computed in the grade point average as an *F*.

A student who stops attending class, but does not officially withdraw, will receive a grade of *F* in the course.

A student receiving VA benefits will be governed by Veterans Administration regulations regarding the dropping of courses and should contact the Office of the Registrar for information. Other agencies furnishing financial assistance to a student may have regulations affecting the dropping of courses which differ from those of the University policy.

Withdrawing from the University (through week 11 of a semester or week three of a summer session)

A student who chooses to leave the University for any reason must officially withdraw. The withdrawal card may be obtained in the Office of the Dean of Students (Reynolds 101). The process is not complete until the withdrawal card is signed by each administrative area listed in the following order: 1.) Residence Hall Director (Reynolds 202), 2.) Post Office (Reynolds Center), 3.) Dean of Students (Reynolds 101), 4.) Director of Library, 5.) Business Office (Overstreet 114), 6.) Financial Aid (Nelson 204), 7.) Registrars Office (Nelson 102). Any student who pre-registers and saves a schedule on-line or by signing a statement with the Business Office must follow this withdrawal process.

Withdrawing from the University (week 12 through week 15 of a semester or week four of a summer session)

If a student withdraws from the University from week 12 through week 15 of a semester or week four of a summer session, a grade of *W* will be given for each course the student is passing at the time of the withdrawal, or a *WF* will be given if the student is failing. Exceptions to this policy may be made in the case of illness or some other valid reason. The student must follow the process as outlined in section “Withdrawing from the University (through week 11 of a semester or week three of a summer session).”

Withdrawing from the University (the two final weeks of a semester or during the final week of a summer term)

A student may not officially withdraw from the University during the two final weeks of a semester or during the final week of a summer term, except for documented circumstances beyond the student’s control and cases approved by the vice president for academic affairs. If approved, the student must follow the process as outlined in section “Withdrawing from the University (through week 11 of a semester or week three of a summer session).” All other appeals must be approved by a committee of the vice president for academic affairs, the vice president for administration and finance, and the vice president for student affairs. A grade of *W* will be given for each course the student is passing at the time of the withdrawal, or a *WF* will be given if the student is failing.

Academic Advising

Although each student is responsible for planning a course of study and fulfilling the requirements for graduation, faculty advisors must be consulted at all levels.

All students with fewer than 30 hours will be advised through the Academic Advising and Assistance Center (AAAC). **Students who have 30 to 45 hours and who have not declared a major are also advised through the AAAC. Undecided students with 46 or more hours will be referred to the Office of Counseling and Testing.**

After completing 30 hours and declaring a major, students will be assigned an advisor in the college of their major. Any student seeking a degree (associate’s, bachelor’s, or master’s) from SAU must work with that advisor to develop an official degree plan, which must then be approved by the dean of the appropriate college. Failure to complete this process may hinder or jeopardize the student’s completion of the requirements for a degree and graduation.

A student seeking an associate’s degree should file a degree plan by the time 30 credit hours have been completed. If seeking a bachelor’s degree, the student should file a degree plan by the time 60 credit hours have been completed.

The Office of the Registrar approves and maintains the official approved degree plan. A transfer student must have transcripts and records evaluated by the appropriate dean prior to their initial registration and enrollment in classes at SAU.

Auditing Courses

In order to audit a course, a student must have completed the admission requirements, obtained the approval of the instructor, and made payment of fees for the course. Although subject to the same regulations as regular students, students auditing a course do not have to take examinations nor do they receive credit for the course. Students may

audit a course after completing it for credit, or they may take a course for credit after previously auditing it.

Course Symbols

The course numbers of the regular University courses contain four digits. The first digit generally indicates the student classification. The second and third indicate the particular course, and the fourth is indicative of the number of credit hours earned by completing the course.

0000 - 0999	Courses open to freshmen and above*
1000 - 1999	Courses open to freshmen and above
2000 - 2999	Courses open to sophomores and above
3000 - 4999	Courses open to juniors and seniors
5000 - 5999	Graduate courses cross-referenced with undergraduate courses
6000 and up	Courses open to graduate students only

*Credit earned in these courses may not be applied to the total credit hours required for a degree.

Classification

The classification of students is as follows:

Freshman - A student who has earned fewer than 30 semester hours.

Sophomore - A student who has earned 30 to 59 semester hours.

Junior - A student who has earned 60 to 89 semester hours.

Senior - A student who has earned 90 or more semester hours.

Credit Hours and Maximum Load

The unit of credit at the University is the semester credit hour. A semester credit hour is defined as the credit earned upon completion of one hour per week in class for one semester, or two or three hours of laboratory, shop, or field work per week per semester.

A student must be enrolled for 12 or more semester credit hours during a regular semester or five or more semester credit hours during a five-week summer term to be defined as a full-time student. Any other student is considered a part-time student.

A student may not enroll (including correspondence courses, extension courses, and by concurrent enrollment at another college or university) for more than 18 credit hours in a regular semester or six credit hours in a summer term without prior written approval.

A student with a cumulative grade point average of 3.00 or higher may request approval from the dean of the college in which the student is majoring to take an overload (for additional hours). This request may be denied because of the student's academic history or because of accreditation standards.

Dual Enrollment

Any degree-seeking student, while enrolled at the Magnolia campus, taking a course off campus may not exceed the maximum class load of 18 hours without obtaining prior approval. This approval consists of an "Exception Form" listing the course(s) the student is requesting to take. This form is available in the office of the Registrar (Nelson 102) and from the college deans. Any student who does not follow this process may not receive credit for the course(s).

Official articulation agreements and seamless transfer between SAU and other state institutions and the State Minimum Core agreement will be honored.

Credit by Examination

Southern Arkansas University permits students believing that they are competent in an area, regardless of where or how competency was acquired, to challenge the CLEP Subject Examinations. Students must have completed all admission requirements and register for resident credit before CLEP credit may be reflected on their transcripts. Official test transcripts from CLEP must be on file in the SAU Office of Counseling and Testing before credit can be awarded.

A student who has earned a scaled score equal to or greater than the cut-off score on a particular CLEP examination will be awarded credit for the course for which the CLEP test is to be substituted. The equivalent course name, number, and hours credit for the course will be placed on the student's transcript. No grade will be assigned.

SAU will accept only CLEP Subject Examinations which have been approved for credit by the Academic Affairs Committee. SAU does not accept credit for any CLEP General Examinations.

The advisor, department chair, and the dean of the college in which the student is majoring, as well as the chair of the department and the dean of the college in which the course is offered, must approve CLEP credit. A student must meet all prerequisites for a course before attempting CLEP credit in that course.

No more than 15 semester hours credit (30 hours for nursing students under Act 88) toward the associate degree and no more than 30 semester hours credit toward the baccalaureate degree including Advanced Placement, CLEP, correspondence, extension, departmental credit by examination, and military credit will be accepted. A maximum of 12 consecutive semester hours by correspondence, and/or extension may be submitted, after which the student must earn at least six semester hours in residence.

CLEP is not awarded for courses in which the student is currently enrolled or courses which the student has already attempted (attempted is defined as having received a grade in the course according to the University's grading system, including *A, B, C, D, F, I, W, WF, WN, P, CR, and NC*).

CLEP credit is not considered residence credit. **At least 24 of the last 30 hours presented for a degree must be earned in residence.**

All CLEP examinations must be completed and the official scores filed in the Office of the Registrar prior to the student's final semester before graduation (August 1 for fall graduation, December 1 for spring graduation, and May 1 for summer graduation).

Independent Study

Independent study is coursework that may be available and is not listed in the regular course offerings. For information on the availability of independent study, a student should contact the chair of the department involved.

Correspondence for Non-residence Credit

Students may receive approval for credit by correspondence (provided that such courses are offered through regionally accredited colleges or universities) when both the appropriate college dean and the vice president for academic affairs agree that special needs or unusual circumstances exist. The advisor, department chair, and dean of the college in which the student is majoring, as well as the chair of the department and the dean of the college in which the course is offered, must approve correspondence credit. Correspondence credit will not be accepted if the student has previously failed the course in residence, by extension, or by correspondence.

A maximum of 12 consecutive credit hours may be earned by correspondence and/or extension after which the student must earn at least six semester hours in residence.

No more than 15 semester hours credit (30 hours for nursing students under Act 88) toward the associate degree and no more than 30 semester hours credit toward the baccalaureate degree including Advanced Placement, CLEP, correspondence, departmental credit by examination, and military credit will be accepted.

Students who have one or more correspondence courses in progress may not register for a full class load in a summer session or a regular semester without the written permission of the vice president for academic affairs.

Candidates for graduation must have official correspondence courses on file in the SAU Office of the Registrar by the following dates:

November 1 for December graduation;
April 1 for May graduation; and
July 1 for August graduation.

Veterans Administration Benefits

Southern Arkansas University is approved by the State Approving Agency for Veterans as a university whereby veterans and dependents of deceased or disabled veterans may obtain benefits while working toward a degree. Eligible students should contact the Office of the Registrar to obtain information regarding school attendance under the following programs: Title 38, Chapter 30, Montgomery GI Bill for veterans; Title 38, Chapter 32, Veterans Educational Assistance Program (VEAP); Title 38, Chapter 35, Survivors and Dependents Education; and Title 10, Chapter 106, Montgomery GI Bill for Selective Reserves.

All students must be working toward a degree and should follow the curriculum outline for their objectives, since only specific courses may be applied toward VA certification and graduation. The Office of the Registrar is available to assist students concerning VA benefits.

Credits for Military Educational Experiences

Military experiences (MOS and Service Schools) will be evaluated upon presentation of a certified copy of the Discharge Form DD214 to the Office of the Registrar. The student asking for the evaluation must be currently enrolled at SAU. Credit is awarded in accordance with recommendations set forth by the Guide to the Evaluation of Educational Experiences in the Armed Services published by the American Council on

Education (ACE). For further information, call the Office of the Registrar at (870) 235-4031.

Servicemembers Opportunity College (SOC)

Because of its efforts to serve the educational needs of servicemembers and their dependents, SAU has been designated a Servicemembers Opportunity College. As a member of the SOC, SAU has committed itself fully to support and comply with Servicemembers Opportunity College principles and criteria. For further information, call the Office of the Registrar at (870) 235-4031.

Grading System

Southern Arkansas University, Magnolia, uses the grading system of *A, B, C, D,* and *F*. The letters have the following significance:

Grade	Grade Points per Semester Hour
<i>A</i> indicates excellent work	4
<i>B</i> indicates good work	3
<i>C</i> indicates satisfactory work	2
<i>D</i> indicates minimum passing work	1
<i>F</i> indicates failing work	0

Other grades that may be recorded are *AU*, audit; *CR*, credit; *I*, incomplete work; *NC*, non-credit; *P*, pass; *W*, withdrawal with passing work; *WN*, withdrawal for excessive absence and *WF*, withdrawal with failure.

NC grades may be assigned only in the following courses:

EDUC 0104	College Reading
EDUC 2000	Educational Field Experience
EDUC 3022	Praxis II Review
ENGL 0204	Fundamentals of Writing
ENGL 1113	Composition I
MATH 0404	Fundamentals of Math
MATH 0703	Intermediate Algebra
MUED 1000	Concert/Recital Attendance
PHSC 3000	Science for Middle Level Teachers Lab

An incomplete grade may be given only for illness or other circumstances beyond the student's control and must be removed prior to the week before final examinations of the next semester or it will be treated as an *F* grade.

A *WF* is computed as an *F* in the grade point average, but the grades *W* and *WN* are not computed in the grade point average.

In each regular semester/term, **mid-semester grades and final grades are placed on the SAU website via Campus Connect.** In the event an error in computation is made in determining a semester grade, the instructor shall have a maximum of three weeks from the date of the beginning of the next term to initiate a correction of the error. After this date no grade changes will be processed except in the case of a student's appeal.

Grade Point Average

The grade point average is used to determine a student's academic rating at any given time. The grade point average is obtained by multiplying the number of grade points awarded for each grade by the credit hour value for the course. Then the total number of

grade points received for all SAU courses is divided by the total number of hours attempted at SAU. (For example: If a student has earned 34 grade points on 12 semester hours attempted, the grade point average is 34 divided by 12, or 2.833. Expressed in its letter equivalent, the average is higher than a C, but slightly less than a B.)

EXAMPLE: A student enrolls in five courses (12 credit hours) as follows:

	CH	Grade	CH x GP	Total
ENGL	3	A (4)	(3x4)	12
HIST	3	B (3)	(3x3)	9
MATH	3	C (2)	(3x2)	6
HS	2	C (2)	(2x2)	4
PHED	1	B (3)	(1x3)	<u>3</u>
TOTAL	12			34

Semester grade point average: $34 \text{ GP} \div 12 \text{ CH} = 2.833$

CH = Credit Hours

GP = Grade Points

Grade Forgiveness

In order to receive credit for a course that was not completed successfully or to improve a grade point average, a course may be repeated. A grade of C or higher earned at another accredited institution will be entered on the SAU transcript, but the grade will not be used in calculating the cumulative grade point average. If a course is repeated at SAU, the grade earned the last time the course is taken will be used in calculating the cumulative grade point average. Only 24 semester hours of coursework can be repeated to improve a grade point.

In order to have a grade forgiven by repeating a course, the student should complete a Repeat Slip during the registration process or at the Office of the Registrar before the end of the semester in which the class is repeated.

Class Attendance

A student's academic program should be regarded as an obligation. Regular and punctual class attendance is expected from each student. An individual who is absent from a class should contact the instructor. If the cause of the absence is found to be acceptable, **as defined in the Make-up Examination/Credit for Class Absences Policy section in the Student Handbook 2.10.1**, the instructor **shall not penalize the student for the excused absence**.

If a student is absent from a class more than the equivalent of one week of instruction (more than three days for MWF class, during a regular semester, for example) those absences may be reported by the instructor of record to the dean of students. The dean will then send the student a notice of pending action. The student is advised to contact the instructor as soon as this notice has been received. Ten calendar days after the report is submitted by the instructor during a regular semester, or after seven calendar days during a summer session, a student may be dropped from the class for excessive unexcused absences at the request of the instructor. If this occurs, a grade of *WN* (withdrawal for non-attendance under extenuating circumstances) or *WF* (withdrawal with failure) will be given for the course.

Notification of excessive absences (**WN or WF**) may not be submitted during the final two weeks of a semester or the final week of a summer term.

Student Grade Appeal Policy

If a student believes an error in a grade has occurred, the student shall formally initiate a review of the grade no later than three weeks after the beginning of the next regular semester. (Summer terms are excluded from the phrase "regular semester" for the purposes of this provision.)

The first step of the process is for the student to verify with the instructor the accuracy of the recorded grade-book scores and the listed grade. If the instructor also happens to be the chair of the department or the dean of the college, this step also initiates the formal appeal process.

If the grade differences are not resolved through discussion with the instructor, and the student seeks additional mediation, during the first three weeks of the next semester the student must submit a letter to the chair of the appropriate department requesting a review. A copy of this letter must also be sent to the college dean and to the vice president for academic affairs. The chair has the responsibility to confer with the instructor concerning the documentation of the grade for its completeness and accuracy. The chair will notify the student of the grade status in writing within 10 days of receiving the student's request.

If the student wishes further appeal, the student must submit to the college dean, by mid-term, a written request for formal review. A Grade Appeal Committee will conduct a hearing and recommend a decision. The committee will be composed of the following:

1. A Student Government Association representative of the college in which the grade is challenged (one of the four student representatives eligible to serve). The representative will be appointed by the Student Government Association president.
2. A Faculty Senate representative of the college in which the grade is challenged. The representative will be appointed by the Faculty Senate president.
3. The dean of the college. If the dean is not available, then the vice president for academic affairs is the third member of the panel.

At the hearing, the instructor and the student may both make individual presentations, and the Grade Appeal Committee may ask questions and seek clarification. A final written decision will be provided by the committee. If a grade is to be changed, the final grade will be recorded by the dean. This procedure shall be completed by the end of the semester in which the grade is appealed.

Transcripts

A University transcript is a complete and unabridged academic record. It is used to communicate information concerning a student from one institution or agency to another. The University prepares and issues four categories of transcripts:

Official - This transcript is issued directly from SAU to another educational institution or employer.

Official - Issued to student - This transcript is stamped "Issued to Student."

Unofficial – This transcript can be obtained from the student’s account on Campus Connect.

Advising - This transcript is used by the student and advisor to plan a program of study. It can be requested by the student or advisor in the Office of the Registrar, but is released only to the advisor.

The two types of official transcripts must be requested by the student in the Office of the Registrar.

Academic Standards

To be in good academic standing, students must maintain the following standards:

Hours Attempted	Required Cumulative Grade Point Average
1-29	1.50
30+	2.00

A student who does not earn the required cumulative grade point average according to the number of semester hours attempted will be placed on academic probation. A student who has been placed on academic probation will have until the end of the next regular semester to show significant improvement in grades or be suspended from school. Significant improvement shall be defined as follows:

Total Hours Attempted (including probationary semester)	Grade Point Average Earned in Probationary Semester
1-29	1.75
30+	2.00

If a student has been suspended because of academic reasons, the student will not be allowed to register for classes or attend the University for one full semester (fall or spring). The student will not be allowed to enroll in mini-sessions and summer terms during the suspension period. After one semester, the student may return to the University on a probationary status. The student must make significant improvement and meet the standards defined in the probationary section above. If improvement does not occur, the student will be suspended for one year from the date of the second suspension. After one year, the student may seek readmission on probation. Failure to earn at least 2.00 grade point average during the returning semester will result in academic dismissal.

A student who believes there is justification for early readmission and chooses to appeal the suspension must submit a written appeal to the Office of the Vice President for Academic Affairs. The letter of appeal must reach the Office of the Vice President for Academic Affairs at least five business days prior to registration for the semester for which readmission is sought. Appeals received after that date will not be considered for that semester. The Academic Suspension Appeals Committee will review the case and make a recommendation to the vice president for academic affairs.

Credit earned while on academic suspension from any university, including SAU, will not be accepted by SAU.

Honors

The faculty and administration at Southern Arkansas University fully understand that the students who enter the University possess diverse capabilities and come from a wide variety of backgrounds and experiences.

In order to give recognition to students for superior achievement, as indicated by scores on entrance examinations and grades of courses completed, SAU has an honors program consisting of advanced placement, Dean's List, President's List, graduation with honors, Honors Classes, and membership in Alpha Chi, a national honor scholastic society.

Advanced Placement: Advanced standing in one or more semesters of course offerings may be attained on the basis of high academic high school records (high school credit) and proficiency examinations in many departments. Interested students should consult their departmental advisors.

Dean's List: Students who earn 12 semester hours or more on the Magnolia campus during a regular semester and earn a 3.50 grade point average or higher will be placed on the Dean's List.

President's List: Students who earn 12 semester hours or more on the Magnolia campus during a regular semester and earn a 4.00 grade point average will be placed on the President's List.

Graduation with Honors: A degree with honors will be conferred on a candidate (for the first baccalaureate degree only) who has a cumulative SAU grade point average of 3.50 or higher, provided at least 56 hours presented for graduation were taken in residence on the Magnolia campus. A student with a grade point average 3.50-3.74 will graduate cum laude, 3.75-3.89 magna cum laude, and 3.90-4.00 summa cum laude. Semester hours completed and grade points earned the semester of graduation are excluded for recognition of academic honors at commencement. True academic honors are calculated on semester hours completed and grade points earned in all semesters, including the semester of graduation.

Membership in Alpha Chi: Election to membership in Alpha Chi, national honor scholastic society, is the highest scholastic honor that may be achieved at Southern Arkansas University. Membership in the society is limited to juniors and seniors ranking within the upper 10 percent of their class who have been approved by a committee representing the faculty of the University.

Academic Integrity Policy

(The following Policy on Academic Integrity, developed by an ad hoc committee appointed by the Faculty Senate, was approved by the Faculty Assembly in 2010.)

The mission of Southern Arkansas University empowers all members of the University community to develop and encourage learning environments that create, expand, acquire, share, evaluate, and communicate knowledge. Academic integrity at SAU is an

organizational and individual responsibility to honesty in all learning experiences. Students, faculty, and staff share responsibility for maintaining the highest standards for academic integrity. This policy focuses on the academic integrity in course-related work, its basis and context is applicable to all.

Any act of dishonesty in academic work constitutes academic misconduct and is subject to disciplinary action. Acts of dishonesty include, but are not limited to, plagiarism and cheating.

A. Plagiarism

Plagiarism is the act of taking and/or using the ideas, work, and/or writings of another person as one's own.

1. To avoid plagiarism give written credit and acknowledgment to the source of thoughts, ideas, and/or words, whether you have used direct quotation, paraphrasing, or just a reference to a general idea.
2. If you directly quote works written by someone else, enclose the quotation with quotation marks and provide an appropriate citation (e.g., footnote, endnote, bibliographical reference).
3. Research, as well as the complete written paper, must be the work of the person seeking academic credit for the course. (Papers, book reports, projects, and/or other class assignments are not to be purchased from individuals or companies which provide these services.)

B. Cheating

Cheating is an act of dishonesty with the intention of obtaining and/or using information in a fraudulent manner. Examples of cheating include:

1. Observing and/or copying from another student's test paper, reports, computer files, and/or other class assignments.
2. Giving or receiving assistance during an examination period. (This includes providing specific answers to subsequent examinees and/or dispensing or receiving information which would allow a student to have an unfair advantage in the examination over students who did not possess such information.)
3. Using class notes, outlines, and other unauthorized information during an examination period.
4. Using, buying, selling, stealing, transporting, or soliciting, in part or entirety, the contents of an examination or other assignment not authorized by the professor of the class.
5. Exchanging places with another person for the purposes of taking an examination or completing other assignments.

C. **Fabrication**

Fabricate is faking or forging a document, signature or findings of a research project.

1. Fabrication is most commonly associated with falsified research findings.
2. Other forms of fabrication may include unauthorized collaboration or submitting the same paper or portions of the same paper of two different courses without the consent of both instructors.

Notification of Charge of Academic Misconduct

In the event an instructor determines that a student has engaged in academic misconduct, the instructor will notify the student of the allegation and the basis on which it is made and inform him/her of the action or sanction the instructor deems appropriate, consistent with the terms of Penalties for Academic Misconduct section of this policy.

Penalties for Academic Misconduct

Each instructor will decide on a case-by-case basis what penalty will be given to the student for his/her academic misconduct; such penalties are described in the table below. The instructor will notify the dean of the college of the allegation and the penalty assigned. The dean will inform the student of his/her right to appeal. Within seven (7) working days of the dean's notification, the student has a right to request an appeal through the procedures set forth below.

If the student does not appeal, faculty member may send all documentation and appropriate form(s) that contain a description of the academic misconduct and the penalty assigned to the University Registrar for filing in the students record. Institutional responses to allegations of misconduct fall into two categories:

1. automatic penalties based on an official allegation;
2. possible penalties that will result if the student is not exonerated.

The institutional responses seek both to educate and reprimand students while promoting academic integrity. These responses vary based on previous infractions and their outcome.

Infraction Penalties Unless Exonerated by Appeal

Infraction	Automatic Penalties	Possible Penalties unless exonerated by appeal
First	1. Referral to Academic Integrity Workshop 2. Instructor sanction	1. Permanent record in Registrar's Office 2. Meeting with college dean
Second	1. All of the above 2. Meeting with college dean	1. Permanent record in Registrar's Office 2. Referral to Academic Integrity Council for University sanction
Third	1. Permanent record in Registrar's Office 2. Referral to Academic Integrity Council for University sanction	

Academic Misconduct File

All documentation sent to the Office of Registrar relevant to a student's academic misconduct will be maintained in both electronic and paper files. The files will be created and housed in the Office of the Registrar. Hard paper copies will reside on file in the office of the college dean in whose college the alleged misconduct occurred. Academic misconduct files shall only be used by non-student university employees as necessary in the case of an appeal. If the student makes a formal appeal, it will be decided in accordance with the procedures set forth below. If the instructor is not able to give notice to the students, the instructor will send the information to the Office of the Dean of Students for delivery to the student. Students may not drop a class while until the allegation of academic integrity violation has been resolved. If the allegation is confirmed the instructor retains the ability to give a grade for the course if the students decides to drop the class after completion of the process.

Appeals Process

A student may appeal the charge of academic misconduct and any sanctions or actions taken by the instructor through the procedures set forth below, beginning at the department level, and proceeding to the University level, if necessary.

1. Appeals at the Department Level:

- a. After the instructor advises the student of an accusation of academic misconduct and the penalties to be applied, the student has seven (7) working days of receiving this information to meet informally with the instructor to attempt to resolve the matter.
- b. If the student is not satisfied with the action of the instructor, then within seven (7) working days of the meeting with the instructor, the student may submit a formal written appeal to the department chair. Within seven (7) working days of receipt of the written appeal, the chair will meet with the student to attempt to resolve the matter.

- c. If the student is not satisfied with the action of the department chair, then within seven (7) working days of the meeting with the department chair, the student may submit a formal written appeal to the dean of the appropriate college.

2. Appeals at the University Level:

- a. Within in a reasonable time [generally not more than seven (7) working days of receipt of the written appeal], the instructor and department chair must submit the following materials to the dean of the college: a description of the academic misconduct and any penalties assigned and all pertinent documentation concerning the academic misconduct. The dean of the college may ask for additional documentation from the student's academic misconduct file if such documentation exists.
- b. Within seven (7) working days of receipt of the appeal, the dean of the college will submit a written decision to the student with copies to the instructor and to the department chair. If the dean of the college does not fully exonerate the student of the charge of academic misconduct, he/she will submit the written decision to the Office of the Vice President for Academic Affairs and retain all pertinent documentation regarding the academic misconduct in the student's academic misconduct file.
- c. If not satisfied with the action of the dean of the college the student may submit a written appeal to the vice president for academic affairs for referral to the Academic Integrity Council seven (7) working days after receiving notice of the decision.
- d. Within seven (7) working days of receipt of the student's appeal, the vice president for academic affairs will refer the appeal to the Academic Integrity Council for a hearing and inform the instructor, department chair, college dean. The composition of the Council may be found in the complete policy as stated in the Faculty Handbook on the SAU website.
- e. The Council will submit the report of the hearing and the recommendations of the Council to the vice president for academic affairs and the vice president for academic affairs may choose appropriate designees to act on her/his behalf. The vice president for academic affairs (or designees) will render the final decision after considering the recommendations and report of the Academic Integrity Council. The vice president for academic affairs (or designees) will send a report of the final decision to the student, instructor, department chair, college dean and Registrar.

Degree Requirements

Goals for General Education (revised 2000-2001)

As one means of attaining the general purposes of the University and of providing the student with a basic well-rounded education, all candidates for degrees shall complete prescribed general education courses. This program is designed to assist the student in attaining the following goals:

1. Communication — Students will communicate effectively.
2. Critical Thinking — Students will think logically and creatively to solve problems and make informed decisions.
3. Technology — Students will use technology applications.
4. Culture — Students will understand world histories, cultures, and fine arts in relation to their own values.
5. Health and Wellness — Students will understand concepts that support personal and community health.

Assessment reports on the way these goals are integrated into classes are available on the SAU website under “Academics” and “Assessment.”

All degree-seeking students shall complete a minimum of 46 semester hours of general education courses. The number of hours to be completed in each academic area is listed below.

Humanities: 21 semester hours

English/Communication - 9 semester hours fulfilled by completing the following courses (Honors courses with permission):

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Languages - 6 semester hours:

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation
3 hours		Foreign Language

Literature/Philosophy - 6 semester hours fulfilled by completing two of the following courses (Honors courses with permission):

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics - 3 semester hours selected from the following:

MATH	1003	College Mathematics (<i>see note 5 below</i>)
MATH	1023	College Algebra
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I

Natural Science - 8 semester hours

Biological Science - 4 semester hours fulfilled by completing one of the following courses:

BIOL	1103/1101	Introduction to Biology/Lab
BSCI	1013/1011	Biological Sciences/Lab

Physical Science - 4 semester hours fulfilled by completing one of the following courses:

CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHSC	2023/2021	Physical Sciences/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Physical and Health Education - 2 semester hours fulfilled by completing the following courses:

PHED 1501 Concepts of Physical Activity and Wellness
plus one semester hour from PHED 1001-1491 (various activity courses)

or

HS 1403 Personal and Community Health

Social Sciences - 12 semester hours fulfilled by completing the following (*see notes 1-4 below*):

Requirement 1: 6 hours of history selected from the following:

HIST	1003	World History I
HIST	1013	World History II
HIST	2013	U.S. History I
HIST	2023	U.S. History II

Requirement 2: 6 hours selected from the following courses which are not required by the major or by the core curriculum:

ECON 2103 Principles of Microeconomics

or

FIN	2003	Personal Finance
GEOG	2003	Introduction to Geography
PSCI	2003	American Government: National
PSYC	2003	General Psychology
SOC	1003	General Anthropology
or		
SOC	2003	Introduction to Sociology

Notes

1. Social science requirements may be restricted by your major.
2. All candidates for associate of arts and bachelor degree programs are required to have three semester hours of world history by taking HIST 1003, World History I, HIST 1013 World History II, or equivalent.
3. All candidates for degrees are required to complete either one three hour course in United States history or American government.
4. All professional education graduates are required to complete a minimum of three hours of U.S. History and three semester hours of American government to meet Arkansas teacher certification requirements.
5. MATH 1003, College Mathematics can only be accepted to fulfill the general education requirement for math if it is a terminal math requirement for a degree.

Southern Arkansas University recognizes the vital importance computer technology plays in the lives of the citizenry. Consequently, it is the goal of all academic undergraduate programs to have competency in computer technology as a requirement for graduation. This competency may be met and demonstrated in two ways: through completion of specific computer technology courses or through objectives included in other courses within specific disciplines.

Completion of Curricular Requirements

All students earning degrees from Southern Arkansas University must complete the General Education Requirements and the University Requirement as shown in this catalog. They must also satisfy the major and minor requirements of the curricula in which they are enrolled and comply with any special requirements for their degrees. The student must complete the appropriate Academic Opportunities Program courses including GSTD 1002 Freshman Seminar (see below).

All full-time students are required to be enrolled in a writing course (developmental or composition) each semester until they have successfully completed ENGL 1123, Composition II. All full-time students are also required to be enrolled in a mathematics course each semester until they have completed MATH 1003 College Mathematics, MATH 1023 College Algebra, or a higher mathematics course.

All students must demonstrate English proficiency by earning a *C* or higher in Composition I and Composition II. Any student required to take ENGL 0204, Fundamentals of Writing, must earn a *C* or higher.

University Requirement for All Programs

Transfer students who have fewer than 24 semester hours and beginning freshmen must take GSTD 1002 Freshman Seminar in the first regular semester of enrollment (offered in fall and spring semesters). Students accepted in the Honor's College program must take HCGS 1013 Honors Seminar.

Special Requirements for Each Degree

1. Bachelor of Arts

- a. Completion of the second year of a foreign language.
- b. Completion of prescribed requirements in one of the following majors: biological science, chemistry, criminal justice, engineering-physics, English, history, mathematics, music, political science, psychology, sociology, or Spanish

2. Bachelor of Business Administration

- a. Completion of the core curriculum in business and the prescribed major requirements in either accounting or business administration.
- b. For business administration majors, completion of the major in general business program with a supporting minor field or completion of the major in business administration with an area of emphasis in one of the following fields: finance, management with concentration in organizational management, management with concentration in management information systems, or marketing.
- c. For business administration majors preparing for secondary teaching certification, completion of any major in the College of Business coupled with a minor in education plus the professional semester for student teaching.

3. Bachelor of Fine Arts

- a. Completion of the prescribed requirements with a concentration in either communications design or studio art.
- b. Satisfactory completion of the Capstone Review for all art majors.

4. Bachelor of Music Education

- a. Completion of the proficiency examination in major and minor music areas.
- b. Presentation of prescribed number of recitals.
- c. Admittance to the Teacher Education Program.
- d. Completion of prescribed requirements as outlined in the degree plan.

5. Bachelor of Science

- a. If the major is in the College of Liberal and Performing Arts, the student must meet the following requirements: completion of a computer science or statistics course; completion of a total of six credit hours chosen from the natural sciences, computer science, or management information systems; and completion of requirements specified by the major program.
- b. Completion of the prescribed requirements in one of the following majors: agricultural business; agricultural education; agricultural science; biological science; chemistry; computer science; criminal justice; engineering-physics; general science; industrial technology; mathematics; psychology; human performance, recreation, and community services; or sociology.
- c. Students wishing to earn a bachelor of science degree and also receive a teaching certificate must meet all subject major, subject minor, and

professional requirements listed under the corresponding bachelor of science with a minor in education.

6. Bachelor of Science in Education (inclusive early childhood and middle level programs)

- a. Admittance to the Teacher Education Program.

7. Bachelor of Science in Education (secondary education program – Physical Education only)

- a. Admittance to the Teacher Education Program.
- b. Completion of the prescribed major.

8. Bachelor of Science in Nursing

- a. The applicant must be an RN with an associate degree or a diploma RN to apply to the program.

9. Bachelor of Social Work

- a. Completion of a foreign language (six hours at the University level).
- b. Completion of a management information systems or computer science course.
- c. Completion of the prescribed requirements specified by the major program.

10. Associate Degree

- a. Specific requirements for each associate degree are described in the appropriate sections of this catalog.

Credit Requirements

Anyone earning a baccalaureate degree from Southern Arkansas University must complete a minimum of 124 semester hours of credit. Of the 124 hours presented for a degree, 40 semester hours must be earned in non-activity courses numbered 3000 or above.

No more than four semester hours in any one activity or more than a total of six hours of activity credit may be counted toward graduation. For graduation credit, the earliest eligible activity credits will be counted, except in the case of specific activity courses required for a degree. No activity credit may be counted toward the 40-semester hour requirement of courses numbered 3000 and above. Encore and physical education activity courses are classified as activities.

Anyone transferring to SAU to enroll in courses leading to graduation will be required to earn at least 15 hours of credit in the major and nine hours of credit in the minor in residence or through SAU extension. This regulation is binding even though the student has sufficient hours of credit to meet the requirements of the major and minor. A student transferring into the College of Business must complete at SAU at least 50 percent of the business credit hours required for the business degree.

Residence Requirements

1. To earn a degree from SAU, a student must complete a minimum of 30 semester hours on the SAU campus or through SAU extension classes. Of the last 30 hours taken, 24 hours must be taken on the SAU campus or through SAU extension classes.
2. The student may take a maximum of 12 hours at SAU-Tech.

- a. If the student has already met the 30 hour residence requirement and the hours do not cause the student to exceed the transfer limit of 68 hours.
3. For a business degree, students must complete at least 50 percent of the business credit hours at SAU.
4. To earn an associate's degree from SAU, a student must complete a minimum of 18 hours on the SAU campus or through SAU extension classes. Of the last 18 hours taken, 12 hours must be taken on the SAU campus or through SAU extension classes.

CLEP, correspondence course credits, departmental credit by exam, and military credits do not count as residence work at SAU. Students who wish to receive credit toward graduation through CLEP, correspondence courses, departmental exam, military credit, or transfer credit must have permission from their advisor, dean, and the registrar. The approval form may be obtained in the Office of the Registrar or in the deans' offices.

In addition, it is the student's responsibility to have an official transcript sent to the Office of the Registrar at SAU. The transcript must be received one day after graduation or the student will be required to reapply for graduation at a later date.

Documentation for CLEP credit, correspondence credit, and departmental credit by examination must be completed and on file in the Office of the Registrar by the following deadlines.

CLEP

August 1 for December graduation
 December 1 for May graduation
 May 1 for August graduation

Correspondence

November 1 for December graduation
 April 1 for May graduation
 July 1 for August graduation

Departmental Exam

Last day to drop a course each semester or summer term

A grade point average of 2.00 or higher on all SAU course credit is required to earn a degree. Certain programs may require a higher minimum grade point average. Of the total hours earned toward graduation, no more than 25 percent may be *D* grades.

Degree Plans

For a student seeking a bachelor's degree, a degree plan is to be filed in the Office of the Registrar after the completion of 60 semester hours. The plan should be approved by the dean of the appropriate college.

For a student seeking an associate's degree, a degree plan is to be filed in the Office of the Registrar after the completion of 30 semester hours.

Length of Time to Complete Degree

The requirements for graduation listed in the catalog in effect when a student initially enters an institution of higher education, whether initial entry is SAU or another institution, are valid for eight years. Any student who fails to complete the graduation

requirements in that time will then come under the regulations of the most recently published catalog.

Returning students are given the option of abiding by the requirements of their original catalog (assuming they are able to complete their degree within eight years from the time of initial enrollment into college) or by the most recently published catalog of SAU. No student can expect to take more than eight years to graduate under the catalog in effect at the time of initial enrollment into college. Exceptions to this eight-year requirement may result from actions taken by authorities external to the University such as accrediting associations or state agencies. Requests for a time extension of the eight-year policy should be submitted to the vice president for academic affairs.

Assessment

The assessment program – directed by an Assessment Committee with faculty, student, and staff representatives – is a unified effort by the entire University to assess student learning. The assessments include the classroom assessments, senior exams or projects, and alumni surveys. In the assessment of student learning, academic units consider their mission and goals, measure of student achievement, and make changes to enhance student performance. Further information is available on the SAU website under “Academics” and “Assessment.”

Applying for Graduation

The ultimate responsibility for completion of a degree program rests with the student. Lack of knowledge or misinterpretation of policies and regulations by students does not absolve them from fulfilling the requirements of a degree.

Restriction of taking courses off campus the last semester prior to graduation. For graduation purposes, students will not be allowed to take courses off campus the last semester/term of graduation. Any exceptions to the regulation will be approved by the advisor and dean of the student’s major and confirmed by the registrar. Approval must take place prior to the close of registration. Examples of exceptions to this regulation would be: class cancellations, classes not offered, class conflicts, and other documented circumstances beyond the student’s control.

Students obtaining an exception must furnish the SAU Office of the Registrar verification of enrollment in off-campus courses within 10 days of enrollment in the off-campus courses. Failure to provide this information will cancel the application for graduation.

The University has three commencement ceremonies each year: May, August, and December. To become a candidate for May graduation, a student must apply for graduation during advance registration in the fall semester. To become a candidate for August or December graduation, a student must apply for graduation during advance registration in the spring semester. An up-to-date degree plan must accompany the application for graduation. A \$50 late fee is assessed for candidates applying late for graduation.

Applying for graduation includes the following:

1. Completing the application for graduation form in the office of the dean of the student’s major
2. Submitting an updated degree plan

3. Paying the graduation fee at the Business Office
4. Settling all financial and other obligations with the University

Failure to complete any step of this process may result in postponement of graduation.

Candidates for degrees must participate in the commencement exercises unless excused by the vice president for academic affairs. A candidate who wishes to graduate in absentia should submit a written request to the vice president for academic affairs at least two weeks before the commencement date.

A candidate who fails to graduate on the date stated on the application must complete a new application form during registration for the semester or term in which the degree will be completed. Reapplications for August graduation will be accepted during registration for the first summer term only.

Failure to apply for the degree or pay the graduation fee will result in the postponement of the degree.

Earning More Than One Degree

A student may earn an additional baccalaureate degree, provided the student:

1. Satisfies all requirements for both degrees,
2. Completes any general education requirements mandated by the state, and
3. Earns at least 30 semester hours in addition to, not necessarily subsequent to, the requirements for the first degree. Of the additional 30 hours, 24 hours must be earned in residence.

A student may earn two baccalaureate degrees simultaneously. The respective deans will maintain separate degree plans. Any course required in both degrees will be double counted (i.e., counted in both degrees) as approved by both deans.

A student who has earned an associate degree may earn an additional associate degree by completing all requirements for the additional degree and completing at least 15 semester hours, 12 of which must be in residence, after the first degree was awarded.

A student who had earned a baccalaureate from SAU or an accredited university has fulfilled the general education requirements for an additional baccalaureate from SAU.

Double Majors

A student may earn double majors by completing all of the requirements for any two approved majors under the same degree program (i.e., two majors under B.B.A., two majors under B.A., two majors under B.S., etc.). Any course required in both majors will be double counted (i.e., counted in both majors) as approved by each dean. The student should have a separate degree plan filed in the Office of the Registrar for each major. When a student earns two majors, a minor will not be required.

Costs and Finances

Since Southern Arkansas University is supported by legislative appropriations, the tuition and fees, which the student pays, constitute less than 40 percent of the actual cost of one's education. Tuition and fees charged by the University are to defray, in part, the expense involved. Payment for tuition, books, and other fees may be made in cash,

check, Visa, MasterCard, or Discover credit cards, or a student's account may be credited by scholarships and other financial aid awards.

The University administration reserves the right to increase the costs of tuition, fees, and room and board without advance notice if it is necessary to do so in order to meet increasing costs.

Out-of-State Tuition Waiver

Out-of-state tuition for students living in Louisiana, Oklahoma, Mississippi, Missouri, Tennessee, and Texas and for children of SAU graduates living anywhere is waived when these students choose to live in University housing.

Arkansas Taxpayer Waiver

Arkansas income taxpayers and their dependents who reside in one of the eligible counties or parishes of an approved state may enroll at any qualifying Arkansas public institution of higher education and receive the out-of-state tuition waiver.

In order to get the non-resident fee waived, the following criteria must be met:

1. Dependent student or parent must provide a W-2 or verification of Arkansas earnings of \$5,500 or more for the prior tax year.
2. Student and parent must live in one of the following counties or parishes:
 - Louisiana: Claiborne, Union, or Webster parishes
 - Mississippi: Coahoma or Tunica counties
 - Missouri: Barry, Dunklin, McDonald, Oregon, Ozark, Pemiscot, Ripley, or Taney counties
 - Oklahoma: Delaware, LeFlore, McCurtain, or Sequoyah counties
 - Tennessee: Dyer, Shelby, or Tipton counties
 - Texas: Bowie County

The Waiver of Non-resident Fees form is available in the SAU Business Office and must be submitted each semester. For more information about this waiver, call (870) 235-4019.

Arkansas Residents Aged 60 or Above

Act 678 of 1975 provides for tuition-free enrollment in academic credit courses for all Arkansas residents aged 60 or above on a "space available" basis upon proof of age. Enrollment options include credit registration (grade and transcript record), audit (no grade but a transcript record), or non-credit (no grade, no transcript record). Subsequently the University will waive the mandatory fees associated with the class.

Refund Policies for Title IV Withdrawals

When Title IV recipients withdraw on or after the first day of class during the period of enrollment for which they were charged, the University must determine the amount of Title IV funds a student has earned. This calculation is done in accordance with Federal Title IV guidelines. If the student has not been in attendance long enough to earn all of the awarded aid, the student may have to repay some of the unearned aid.

Institutional Refund Policy

During a regular academic semester, the tuition is refundable to the student who officially withdraws from the University on the following basis:

Classes in session 1 through 10 class days	80%
Classes in session 11 through 15 class days	60%
Classes in session 16 through 20 class days	40%
Classes in session 21 through 25 class days	20%

Summer school tuition is 80 percent refundable until classes have been in session two days, after which the refund decreases 20 percent for each two days classes are in session.

No refunds are made on room and board payments except under those conditions which are stated in the housing contract.

Scholarships and Other Financial Aid

Recognizing that many prospective students need help in meeting their post-secondary expenses, the University makes every effort to encourage and assist them by providing scholarships, grants-in-aid, student loans, and student employment to those who meet established criteria.

Regardless of the type of financial aid desired (loans, grants, or on-campus employment), all applications and requests for information should be addressed to the Office of Financial Aid, Southern Arkansas University, P.O. Box 9344, Magnolia, Arkansas 71754-9344. To ensure that funds are available on a timely basis, all complete and correct forms must be submitted to the Office of Financial Aid by July 1 for the fall semester, November 1 for the spring semester, and April 1 for the summer semester.

Scholarships

A number of academic scholarships are awarded each year to beginning freshmen who have not been enrolled in any post-secondary institution following their high school graduation and whose past academic records indicate outstanding dedication and ability. A student may be eligible for one academic scholarship with full resident tuition value and one theatre or art performance scholarship with half resident tuition value under the SAU scholarship policy. A recipient of both academic and music performance scholarships may receive the full amount of the academic scholarship and the value of the music performance scholarship up to the amount of other University charges appearing on the student's account for fees, room and board, and University bookstore charges for academic books and supplies for the current semester.

No cash will be refunded to the student above and beyond institutional charges.

Presidential Scholarships

An eligible student who has a composite ACT score of 30 or above (or SAT equivalent) or has been named a National Merit or a National Achievement finalist or semi-finalist may apply. The award is \$5,500 each semester, for eight semesters. The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15 unless funds are depleted prior to that time.

University Scholarships

An eligible student who has a composite ACT score of 27-29 (or SAT equivalent) may apply. The scholarship is \$4,500 each semester for eight semesters. The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the

fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15 unless funds are depleted prior to that time.

Blue and Gold Scholarships

An eligible student who has a composite ACT score of 24-26 (or SAT equivalent) and a 3.25 GPA may apply. The scholarship is \$2,550 each semester for eight semesters. The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15 unless funds are depleted prior to that time.

Achievement Awards

An eligible student who has a composite ACT score of 21-23 (or SAT equivalent) may apply. The award is for \$1,000 each semester for eight semesters. The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15 unless funds are depleted prior to that time.

Valedictorian and Salutatorian Scholarships

An eligible student who has a composite ACT score of 19-23 (or SAT equivalent) and who graduated as valedictorian or salutatorian of an accredited high school may apply. The scholarship is \$2,550 each semester for eight semesters. The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15 unless funds are depleted prior to that time.

Top 10 Percent

An eligible student who has a composite ACT score of 19-23 and is in the top 10 percent of his or her high school graduating class may apply. The scholarship is \$2,550 each

semester for eight semesters. The first year retention of the scholarship requires a student enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA.

Renewal of Blue and Gold, University, Presidential, Valedictorian and

Salutatorian Scholarships, and Achievement Awards

The first year retention of the scholarship requires a student enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. Concurrent credits cannot be used toward the 30 hours. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA.

Scholarships are renewed provided that recipients maintain at least a 3.00 cumulative grade point average and complete at least 15 semester hours of credit on the SAU Magnolia campus each semester. Students who fail to achieve the minimum cumulative grade point average will be dropped from the scholarship program for the next full-length semester. However, if students complete a minimum of 15 semester hours on the SAU Magnolia campus during the ineligible semester and raise their cumulative grade point average to at least a 3.00, their scholarships may be reinstated one time, if the students are otherwise eligible. Students who fail to complete 15 semester hours will be dropped from the scholarship program for the next full-length semester. However, if students complete a total of 30 semester hours on the SAU Magnolia campus during the ineligible semester and the preceding regular semester, their scholarships may be reinstated one time, if the students are otherwise eligible. The ineligible semester will be counted against the total semesters for which the scholarship is provided.

Two-Year College Scholarships

An eligible student who has a cumulative grade point average of 3.00 or higher on all work attempted and who has an associate degree or 48 transferable hours from a community/technical college may apply. These scholarships are competitively awarded annually. Each scholarship is \$2,500 each semester for two academic years (four semesters). The first year retention of the scholarship requires students to enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15; but, if funds are available, scholarship applications will be considered through June 15. There is limited funding for this award.

Leadership Incentive Award

An eligible student with at least a 3.25 GPA, 20-23 composite ACT, and recommended as a leader by the high school principal or counselor may apply. The scholarship is for \$2,550 for four semesters. The first year retention of the scholarship requires a student enroll in a minimum of 15 hours in the fall, complete a minimum of 12 hours by the end of the fall semester with a 2.50 GPA, enroll in a minimum of 15 hours in the spring, and complete 30 hours by the end of the spring semester with a 3.00 GPA. If a student does not meet these requirements by the end of the spring semester, deficiencies may be made up by taking classes at the student's expense during the first summer session on the SAU Magnolia campus. After the first year, students are required to complete 15 hours each semester with a 3.00 cumulative GPA. The priority deadline is March 15; but, if funds are available, scholarship applications will be considered through June 15. There is limited funding for this award.

Departmental Scholarships

Sophomores, juniors, and seniors who have maintained at least a 3.00 cumulative grade point average at SAU may apply for a departmental scholarship to the academic department of their major by April 15. These scholarships are competitively awarded annually and are for \$2,500 each semester for one year. Students are eligible to reapply provided they maintain at least a 3.00 cumulative grade point average and complete at least 12 semester hours on the SAU Magnolia campus each semester. Academic departments may have additional criteria for determining eligibility for these scholarships.

Non-traditional Student Scholarships

A student who has been out of high school at least five years and has completed at least one full-time semester of college work with at least a 2.75 cumulative grade point average may apply by April 1. The scholarship is for \$2,500 each semester and is awarded competitively each year. The recipient must maintain at least a 2.75 cumulative grade point average and complete at least 12 semester hours on the SAU Magnolia campus each semester.

Art Scholarships

A high school student with at least a 2.50 cumulative grade point average may be eligible for an art scholarship if approved by the chair of the department. The scholarship has a value of \$2,500 each semester and may be continued through subsequent semesters, providing the recipient maintains at least a 2.50 cumulative grade point average, completes at least 12 semester hours on the SAU Magnolia campus each semester, and continues to be recommended by the department.

Music Performance Scholarships

A high school student with at least a 2.00 cumulative grade point average may be recommended for a performance scholarship in band or choir after an audition for the faculty member in the area of the student's talent. Only full-time students may receive performance scholarships, and a student may receive only one such scholarship. The scholarship award is variable and may be continued through subsequent semesters providing the recipient maintains at least a 2.00 cumulative grade point average, completes at least 12 semester hours on the SAU Magnolia campus each semester, and continues to be recommended by the faculty in the area of participation.

Theatre Scholarships

High school students with talent in theatre who have at least a 2.00 cumulative grade point average and audition for theatre faculty members in the area of their talent may be eligible for scholarships in acting or technical theatre. The scholarship has a value of \$2,500 each semester may be continued through subsequent semesters providing the recipient maintains at least a 2.00 cumulative grade point average, completes at least 12 semester hours on the SAU Magnolia campus each semester, and continues to be recommended by the faculty in the area of participation.

Athletic Scholarships

Scholarships are available to athletes when recommended by a coach in the area of their talents. For further information, contact the director of athletics, Southern Arkansas University, P.O. Box 9301, Magnolia, AR 71754-9301 or (870) 235-4102.

Rodeo Scholarships

Students who are members of the rodeo team may be eligible for scholarships if recommended by the team coach. For information, contact the rodeo team coach, Southern Arkansas University, P.O. Box 9418, Magnolia, AR, 71754-9418 or (870) 235-4391.

Endowed Scholarships (Restricted)

There are several endowed scholarships which are restricted by the donor as to department, level, amount, etc. These are awarded by the department or other appropriate member of the University staff to conform to the wishes of the donor.

Other Financial Aid Sources

All undergraduate and graduate students who are U.S. citizens or resident aliens and need financial assistance to attend Southern Arkansas University, in addition to that provided by their family, must apply through the need analysis for federal and state student aid each year. Applications currently used are available in high school counselors' offices and the University's Office of Financial Aid after January 1 of each year. It takes approximately four to six weeks for these applications to be processed.

Students will be considered for one or more of the following types of aid administered by the University with the submission of the approved need analysis provided they are in good standing and make satisfactory academic progress according to the Academic Progress Policy for Students Receiving Federally Funded Student Financial Aid and have good records as members of the student body.

Grants

Grants are awarded on the basis of family income of the previous year and are need based. Grants are available only to undergraduate students. Grant funds are not repaid unless the student does not complete the term and owes a repayment; however, if the grant is based on incorrect information, it must be repaid.

1. Federal Pell Grants provide funds to undergraduate students for educational expenses after high school.
2. Federal Supplemental Educational Opportunity Grants provide additional funds for students with exceptional need who otherwise would not be able to attend college.

3. Academic competitiveness grants provide funds to first and second year undergraduate students.

Loans

Loans are considered self-help funds since they must be repaid.

1. The Federal Perkins Loan program is a long-term, low-interest loan program administered on campus for students with established need who also meet other eligibility criteria.
2. The Federal Direct Loan program is a need-based subsidized loan program with funds being provided by the federal government. SAU must certify a demonstrated financial need by using federal guidelines. Unsubsidized Direct Loans are available, and the family contribution is not considered when determining eligibility.
3. Federal PLUS Loans are available to parents of dependent students.

Students Working on Campus

More than 1,000 students work on campus every year to meet part of their college expenses. While work on campus may be part of the federal student aid award package for some students, there are also campus jobs available for students who do not qualify for federal financial aid. Job availability notices are listed in the Employment Resource Center. Students are hired based on job availability, student qualifications, and the needs/requirements of the department.

The Employment Resource Center assists currently enrolled students in finding on-campus employment. Students may review descriptions of current job openings submitted by faculty and staff. Training is provided to help students develop skills for the workplace. Students register with the office by completing a data sheet.

Current students who are interested in part-time off-campus employment are also assisted. These students register by completing a data sheet. Job information from area employers is available for students to review. The Employment Resource Center is located in Donald W. Reynolds Center, room 217. The office may be reached by calling (870) 235-5115.

The Arkansas Department of Higher Education (ADHE) administers financial aid programs for Arkansas undergraduate students that include Arkansas Academic Challenge Scholarships, Governor's Scholars Program, and Emergency Secondary Education Loan Programs.

Vocational Rehabilitation provides some financial assistance to persons who have permanent disabilities.

The Bureau of Indian Affairs (BIA) Higher Education Grant/Loan program provides supplemental money to assist with educational expenses for students with at least one-fourth degree Indian blood.

The MIA/KIA Dependent Scholarship Program and the Law Enforcement Officer's Dependents Scholarship Program provide supplemental funds for dependents of Arkansas residents who are missing in action or were killed in action.

For more information on any of these sources contact the Office of Financial Aid, Southern Arkansas University, P.O. Box 9344, Magnolia, AR 71754-9344 or (870) 235-4023.

Student Affairs

The Student Affairs Division is designed to provide experiences, activities, and services to assist SAU students in performing at the maximum level. Included in this division are the services of orientation, admissions and records, housing and dining services, counseling and testing, disability support services, health services, student employment, career planning, multicultural services, student activities, Upward Bound, student support services, communications center, international students, talent search, ADAPT, and student life. These services are under the direction of the vice president for student affairs.

The Student Affairs Committee, composed of students, faculty, and staff, is considered the major governing body in making, advising, and recommending major non-academic policies pertaining to student life at Southern Arkansas University.

Summer Advising

Southern Arkansas University provides summer advising for beginning freshmen and transfers. Students who fulfill all admission requirements will receive a card from the University informing them to contact the Academic Advising and Assistance Center for an appointment to be advised and to register for the fall semester.

New Student Orientation

New student orientation, "Becoming A Mulerider" (B.A.M.), occurs in two phases. Phase I will take place on six set Tuesdays during the summer. The Tuesday orientation sessions will include registration and general information needed to begin a student's college career. Phase II occurs the Saturday through Tuesday prior to the first day of fall semester classes. Saturday's activities provide new students and their parents the opportunity to meet SAU upperclassmen, SAU administration, and participate in a departmental fair. Sunday, Monday and Tuesday focus on the incoming SAU students with mini courses in diversity, safety, student activities, and computers where students receive their e-mail address. Spring B.A.M occurs prior to the first day of spring semester classes. Evening social events add to the excitement with entertainment and cookouts. All activities are designed to give incoming SAU students a warm welcome and a great start to a successful college career.

Campus Housing

Prospective students are encouraged to apply for housing as soon as possible by contacting the office of University Housing at (870) 235-4047, or by using the online application. A residence hall space will be reserved for any student who is officially admitted to the University and who has the following credentials on file on a first come, first served basis:

1. Completed Application for University Residence Halls along with a \$50 housing deposit, and
2. Completed Application for Admission form.

An apartment will be reserved for any junior, senior, graduate, single parents, or married student who is officially admitted to the University and who has the following credentials on file on a first come, first served bases:

1. Completed Application for University Village apartments along with a \$200 deposit, and
2. Completed Application for Admission form.

When the University receives the above credentials, students will be sent official acknowledgments of their reservations from the Office of University Housing. Hall assignments are made in the order received. Students will be notified of residence hall assignments prior to the opening of the semester in which they enroll. In no case will confirmed room reservations be held for students after the opening day of classes unless special permission has been granted to the student by the Office of University Housing prior to this date.

A housing application or contract is for one of four specified periods:

1. The entire academic year (fall and spring semesters),
2. Spring semester only,
3. First summer session, or
4. Second summer session.

A housing application and/or contract may be canceled and the housing deposit refunded when written notification of desire to cancel is received by the Office of University Housing on or before August 1 for an entire academic year (fall and spring semesters) contract, January 1 for a spring semester only contract, May 1 for a first summer session contract, and June 1 for a second summer session contract. If a student who has submitted an application for housing does not enroll or does not cancel in writing before the above dates, the deposit will be retained by the University.

Each student room is furnished with two single beds, two desks, two chairs, two dressers, two closets, and a sink. Students are expected to bring towels, sheets for a single bed, blanket, pillow, and pillowcases. Use of appliances for the preparation of food in residence hall rooms is not permitted, but kitchen facilities are available in some halls. A wireless Internet server is located in each hall providing Internet access to each room. A telephone connection and expanded cable-TV services are provided in each room. A telephone number is assigned to each room so that students can receive calls directly to their room. In order to make long-distance calls, students can use a personal calling card. Students are prevented from making certain types of direct dial calls, such as 10-10-xxx, 1-900, and international calls. Students are responsible for any telephone charges incurred on their behalf and billed to the University.

Housing Regulations

Students at SAU are under both University regulations and housing regulations. University regulations provide that all full-time enrolled single undergraduate students must live in one of the University residence halls or with their parents. However, single undergraduate students 21 years or older, undergraduates with 60 or more hours, or veterans with two years active duty service may live in housing of their own selection. Married students and part-time students who are employed full time in the community may select housing that meets their particular needs without application or special arrangements. Attendance at the University is contingent upon compliance with these regulations. Any exception to these policies must be determined through a personal conference with the dean of students.

Residence Halls

Bussey Hall, a three-story facility, is air-conditioned and provides 100 rooms for women. Television room and computer labs are located in the main lobby. Each floor has two laundry rooms, two bathrooms with showers and tubs, and carpeted hallways. Residential Interest Groups living in Bussey include Education, First Year Experience, and Health and Wellness.

Fincher Hall provides 45 suite-style rooms for men and women. The completely air-conditioned hall has a computer lab, classroom, commons on the first floor, and lounges on each floor. Fincher Hall is the home of *The Residential College*.

Greene Hall provides 105 rooms for men. The completely air-conditioned building has a computer lab, vending, and laundry room. Bathrooms are located on each floor. Residential Interest Groups living in Greene include Leadership College Freshman, Greene Light Art and Business.

Harrod Hall, providing 99 rooms for men and women, is a completely air-conditioned three-story building. A glassed-in lobby faces a patio. A TV lounge and vending area is located on the first floor. Each floor has a laundry room, four bathrooms, and carpeted hallways. The Performing and Visual Arts interest group is housed in Harrod.

Honors Hall, located at the north end of the campus, provides 92 rooms for men and women. The completely air-conditioned hall has a computer lab, classroom, and commons on the first floor and lounges on each floor. Each room is equipped with lavatories, study desks, closets, and chest of drawers. Honors North has suite-style room arrangement and houses the Honors College. Honors South also houses the Honors College.

Talbot Hall East provides 96 rooms for men and women and temporary/overflow housing. Computer lab, vending and laundry room surround the main lobby. The three-story building is completely air-conditioned. Bathrooms and small lounges are located on each floor. Talbot Hall houses the football team.

Talley Hall is a three-story building, is completely air-conditioned, and provides 96 rooms for men and women. Computer lab, vending, and laundry room surround the main lobby. Bathrooms are located on each floor. Talley is home to the Agriculture interest groups, Leadership College, Health and Wellness and the First-Year Experience. .

University Village Apartments are available to juniors, seniors, graduate students, students who are single parents, and married students. University Village has 36 two-bedroom, two-bath and 48 four-bedroom, two-bath apartments. Each apartment has fully furnished bedrooms, living room, and kitchen. Each bedroom has a full-size bed, study desk and chair, chest of drawers, and closet. The kitchen features an electric range/oven, microwave, dishwasher, refrigerator, and washer/dryer. The Village Clubhouse provides a student lounge, weight room, convenience store, and swimming pool.

University Services

University Health Services

The University Health Service is open Monday through Friday from 7:30 a.m. to 5 p.m. Some of the services provided include emergency or first aid treatment, blood pressure

checks, allergy injections, general health evaluation, and doctor's appointments. Most of the services are free to all students. If an emergency arises after clinic hours, students should notify the resident assistant on duty in their residence hall.

Student Support Services

Student Support Services is a federally funded program designed to assist qualified students in completing their post-secondary educational goals. The Student Support Services project provides assistance and support tailored to the individual needs of each participant. Academic counseling, improvement of study skills, tutoring, and improvement of basic skills are emphasized. Interested students should contact the Student Support Service staff at (870) 235-5113.

Tutoring Center

Free tutorial services are offered in the Tutoring Center. Students experiencing difficulty in course work are assisted by peer-tutors under the direction of the tutor coordinator. The center is open during the fall and spring semesters, and is open for evening hours.

Writing Center

The Writing Center offers assistance free of charge to writers in any discipline at any stage of the writing process. The center is staffed by trained student writing consultants who are supervised by an English faculty member. It is open Sunday through Friday during the fall and spring semesters and is located downstairs in the Magale Library. For more information contact the SAU Writing Center at (870) 235-4381, or visit the website at www.saumag.edu/writingcenter.

Student Activities

Activities play an important role in the development of students at Southern Arkansas University. Participation in activities is recognized as vital training for a University student, and SAU has more than 100 student organizations that sponsor activities and functions. Eligibility for membership in organizations is based on interest and, in some cases, academic achievement and invitation. The organizations are classified under seven major headings: recognition and honor societies; special interest groups; departmental and professional organizations; religious organizations; student government; hall councils; and social fraternities and sororities. Additional information on these organizations, as well as information on how to get involved or how to start a new organization, is available in the Office of Student Activities, (870) 235-4925.

Departmental and Professional Organizations

Accounting and Finance Society	Lambda Epsilon Iota
Ag Club - Collegiate FFA	Music Educators National Conference
Agriculture/Business Club	New Masters Fine Arts Club
American Choral Directors Association – Student Chapter	Phi Alpha Theta (history)
Athletic Training Student Club	Phi Beta Lambda (business)
Biology Club	Pivot Point(art and design)
Chamber Singers	Political Affairs Club
Chinese Club	Pre-Law Society
Collegiate Farm Bureau and Agriculture Club	Pre-Veterinary Club
Concert, Symphonic Marching, and Jazz Bands	Rodeo Team
Digital Media Production Organization	Russian Club
Emerging Writers	Social Work Education Leaders (SWEL)
Encore	Society of Physics Students
Engineering Club	Spanish Club
French Club	Student Arkansas Education Association
Graduate Student Counseling Association	Student Athlete Advisory Committee
Heritage Singers	Student Management and Marketing Association
History/Political Science Club	Student Nursing Association
HKR Club	Students in Free Enterprise (SIFE)
Honors College Association	Symphonic Wind Ensemble
Horticulture Club	Tau Beta Sigma
Kappa Kappa Psi	<i>The Bray</i> (student newspaper)
Lambda Alpha Beta	University Sociology Club

Hall Councils

Bussey Hall Council	Honors Hall Council
Fincher Hall Council	Talbot Hall Council
Greene Hall Council	Talley Hall Council
Harrod Hall Council	University Village Apts. Council

Recognition and Honor Societies

Alpha Chi	Kappa Delta Pi (education)
Alpha Psi Omega	National Residence Hall Honorary
Alpha Tau Alpha	Order of Omega
Beta Beta Beta (biology)	Pi Gamma Mu (social sciences)
Beta Gamma Sigma (business)	Psi Chi (psychology)
Chi Sigma Iota	Sigma Tau Delta (English)

Religious Organizations

Association of Baptist Students	Fellowship of Christian Athletes
Baptist Collegiate Ministry	Genesis Ministries
Campus Church	Missionary Baptist Student Fellowship
Catholic Campus Ministries	Secular Student Alliance
Chi Alpha Christian Fellowship	Wesley Foundation
Church of Christ Student Center	World Religions Club

Special Interest Groups

African Students Organization	Mulerider Agri-Women
Alcohol and Drug Abuse Prevention Team (ADAPT)	Non-Traditional Students
Alpha Phi Omega	President's Ambassadors
Black Students Association	Residential College
Cheerleaders	SABT (Student Advocating for a Better Tomorrow)
Chinese Club	Soccer Club
College Democrats of America	Student Outreach for the Differently Abled (SODA)
Cricket Club	The 29 th Day Preventive Task Force
Ducks Unlimited	The Gay-Straight Alliance
GAMMA (Greeks Advocating for the Mature Management of Alcohol)	
International Student Association	
Latinos Unidos	

Student Government

Inter-Fraternity Council	National Pan-Hellenic Council (NPHC)
Inter-Greek Council	Residence Hall Association
Leadership Council	Student Activities Board (SAB)
Panhellenic Council	Student Government Association

Social Fraternities and Sororities

The University has seven national social sororities and nine national social fraternities. Membership in these fraternities and sororities is by invitation only.

Fraternities

Alpha Gamma Rho
Alpha Phi Alpha
Beta Upsilon Chi
Kappa Alpha Psi
Omega Psi Phi
Phi Beta Sigma
Phi Lambda Chi
Phi Mu Alpha Sinfonia
Sigma Pi

Sororities

Alpha Kappa Alpha
Alpha Sigma Alpha
Delta Sigma Theta
Phi Mu
Sigma Gamma Rho
Sigma Sigma Sigma
Zeta Phi Beta

Publications

The University has one student publication produced entirely by students. *The Bray* is the weekly newspaper published throughout the academic year. This publication offers students opportunities for professional practice and some paying jobs. All students are eligible to apply for positions on the staff of *The Bray*.

SAB (Student Activities Board)

The Student Activities Board has the responsibility for planning and implementing activities for SAU students. Events include movies, dances, concerts, comedians, and noontime programs featuring touring artists as well as talented SAU students. Applications for membership to the SAB are available in the Office of Student Activities, located in the Donald W. Reynolds Campus and Community Center; the phone number is (870) 235-4925.

Sports Activities

Sports activities are organized in a comprehensive program for individual and group participation and competition. Intramural activities for men and women, as well as co-educational activities, are sponsored throughout the University year. Competition is held in badminton, basketball, table tennis, softball, swimming, tennis, touch football, track and field, volleyball, and water basketball.

Men's varsity teams compete in the NCAA Division II Gulf South Conference in baseball, basketball, cross-country, football, golf, and track and field.

Women students also compete in the NCAA Division II Gulf South Conference and have varsity teams in basketball, cross-country, softball, tennis, track and field, volleyball, and golf.

Men's and women's rodeo teams participate in regional and intercollegiate competition.

Intramural Sports

The SAU Department of Intramural Sports endeavors to meet a wide range of student needs in recreation and sports activities. The intramural program offers students the opportunity to participate in intramural events, intramural competitions, and the newly developed Club Sports Program for those who have interests in particular areas.

The program's primary purpose is to benefit and enrich students in their college experience by improving physical and mental fitness, promoting development of interests and lifetime skills in a variety of activities, offering a socially enriching way of spending leisure time, providing an opportunity for socialization, emphasizing ethics, and helping students gain positive recognition.

The intramural program offers several employment opportunities for students that allows them to gain hands-on experience in officiating and in organizing several team and individualized sports. The program works hand-in-hand with the Department of Health, Kinesiology, and Recreation and serves as an arena for its majors to develop their interests and skills.

Counseling Services

The University provides free and confidential professional counseling to all students through the Office of Counseling and Testing. Appointments may be made Monday through Friday person or by calling (870) 235-4145.

Personal Counseling

Counseling which focuses on personal and emotional concerns as they affect personal goals, academic progress, and relationships with others is available at the Office of Counseling and Testing.

Educational Counseling

Counseling is available which focuses on issues related primarily to academic difficulty. Organizational skills, time management, study skills, final examination preparation, and test anxiety reduction are among the topics which may be covered on either an individual or group basis.

Career Counseling

The SAU career planning program is designed to assist students in exploring career opportunities. The program includes individual counseling, résumé preparation, and interview techniques. The Office of Counseling and Testing maintains a career resource library containing career exploration materials and information on graduate school opportunities. Career planning is also facilitated through DISCOVER, a guidance and information system that helps students in values clarification, the gathering of occupational information, and the development of strategies for achieving appropriate occupational and professional goals.

Self-Esteem Building

The Office of Counseling and Testing teaches self-esteem building as a support unit within the GSTD 1002 Freshman Seminar course. Individual and group seminars are also conducted on this topic. Anyone interested in this program may contact the Office of Counseling and Testing.

Testing Services

The SAU Office of Counseling and Testing is a national testing center which administers tests for scholarships, credit by examination, graduate and professional schools, and teacher certification. The Testing Center also administers the following internet based tests: Miller Analogy (MAT), CLEP, DSST, and TOEFL. Students interested in obtaining information for the following tests are encouraged to come by the Office of Counseling and Testing: American College Test (ACT), College Level Examination Program (CLEP), Dental Admission Test (DAT), Graduate Management Admission Test (GMAT), Graduate Record Examination (GRE), Law School Admission Test (LSAT), Medical College Admission Test (MCAT), Miller Analogy Test (MAT), PRAXIS I and II, Optometry Admission Test (OAT), Pharmacy College Admission Test (PCAT), Pre Professional Skills Test (PPST), or Test of English as a Foreign Language (TOEFL).

ADAPT

ADAPT (the SAU Alcohol and Drug Abuse Prevention Team) operates a program promoting the prevention of alcohol and other drug abuse. This program provides many activities and awareness programs to facilitate its purpose. The program can be reached by calling (870) 235-4388 or by stopping by the Office of ADAPT, Nelson 126.

Office of Multicultural Student Services

Southern Arkansas University is committed to providing opportunities for students from all backgrounds by developing and utilizing the talents of an increasingly diverse population. The University's mission is to prepare students to live and work in a new environment and, in so doing, strengthen both the fabric of our society and our connections with each other. Activities of the Office of Multicultural Student Services include coordinating campus-wide efforts to increase the retention and graduation rates of minority students by stressing the importance of adequate academic preparation for college; providing a nurturing environment on the campus; informing about financial aid opportunities; offering personal support and advocacy programs and services; providing and promoting multicultural programs focusing on awareness and appreciation of the history of minority groups; and providing advice, counseling, and encouragement for individuals and groups. The office also assists faculty, staff, and students with securing multicultural programs and resources and with academic and support strategies that will help minority students to adjust.

Project Pal

Project Pal is a campus mentor program consisting of student mentors who serve as friends, advisors, coaches, and role models to African American beginning freshmen and

transfer students. For more information contact the assistant dean in the Office of Multicultural Services or call (870) 235-4046.

Office of Disability Support Services

It is the policy of SAU to accommodate students with disabilities, including, but not limited to, physical, sensory, learning, psychiatric and medical disabilities, pursuant to federal and state laws. Academic adjustments and auxiliary aids are provided to students with disabilities. If assistance is needed because of a disability, contact the Office of Disability Support Services, at (870) 235-4145. Early contact with the office will provide for a smoother transition in obtaining services.

ADA (Americans with Disabilities Act) Grievance Procedure

Southern Arkansas University has adopted an internal grievance procedure providing for prompt and equitable resolution of complaints alleging any action prohibited by the U.S. Department of Justice regulations implementing Title II of the Americans with Disabilities Act. Title II states, in part, that “no otherwise qualified disabled individual shall, solely by reason of such disability, be excluded from the participation in, be denied the benefits for, or be subjected to discrimination” in programs or activities sponsored by a public entity.

Complaints should be addressed to:

**ADA Compliance Coordinator
Office of Counseling and Testing
P. O. Box 9371
Magnolia, AR 71754-9371
(870) 235-4145**

1. A complaint should be filed in writing, contain the name and address of the person filing it, and briefly describe the alleged violation of the regulations.
2. A complaint should be filed within five days after the complainant becomes aware of the alleged violation.
3. A preliminary investigation of the complaint to determine if evidence exists that warrants further inquiry shall be made by the ADA compliance coordinator who shall then refer the complaint to the appropriate vice president for further investigation. This process provides for informal but thorough investigations affording all interested persons and their representatives, if any, an opportunity to submit evidence relevant to the complaint.
4. A written determination of the validity of the complaint and a description of the resolution, if any, shall be issued by the ADA coordinator and a copy forwarded to the complainant no later than 15 days after its filing.
5. Files and records related to the complaints filed shall be maintained by the ADA coordinator.
6. A reconsideration of the case may be requested by the complainant in instances where he or she is dissatisfied with the resolution. The request for reconsideration should be made within 10 days to the Faculty-Staff Appeals and Human Rights

Committee who will report its findings to the president. The decision of the president will be the final University action on all grievances.

This entire process shall be constituted to protect the substantive rights of interested persons to meet appropriate due process standards and to assure that Southern Arkansas University complies with the ADA in implementing regulations.

Employment Resource Center

SAU students and alumni are assisted in their job searches by the Employment Resource Center. Graduating seniors are encouraged to establish a file of employment credentials and obtain recommendations from faculty members. These credentials are kept on file in the Employment Resource Center for use in securing employment upon graduation and for 10 years following graduation. The Employment Resource Center is located in Donald W. Reynolds Campus and Community Center, room 217, and may be reached by calling (870) 235-4097.

Students visiting the Employment Resource Center receive assistance with the preparation of résumés and employment application cover letters. Sources of information for company research are available in the resource library. Job interviews are scheduled for seniors, and notices of job opportunities are posted on campus bulletin boards and on the Employment Resource Center's website. During the spring semester, the Employment Resource Center sponsors a health professions career day with health-related organizations; a general career day with businesses, industries, government agencies, and graduate schools; and a teacher fair with area school districts.

Student Responsibilities

The University recognizes its responsibility to its students to provide an environment which encourages leadership, instills the ideals of responsibility, and develops those traits of character that are the generally accepted standards of successful living.

Consequently, SAU expects students to conduct themselves as responsible members of the University community. Students are obligated to assume responsibility for their actions, to respect the rights of others, to conform to the ordinary rules of good conduct, to protect private and public property, and to make effective use of their time in securing the values and benefits of a University education.

Rules and procedures governing student conduct for SAU students are specified in greater detail in the Student Handbook. The handbook is distributed by the Office of Student Life.

Each student is expected to be familiar with all campus regulations and procedures which are published in the General Catalog, Student Handbook, *The Bray*, Hallways Handbook, and other official University publications, or which may be announced by other means.

Keeping Financial Accounts

It is the responsibility of students to keep an accurate financial account of their obligations to the University. Any obligations for tuition, fees, room and board, books, and other items should be promptly remitted to the Business Office.

Motor Vehicle Regulations

Any student who drives a car to and from the campus or who keeps a car on campus while in attendance at the University is required to register the vehicle with the University Police and to purchase a campus decal at the Business Office within three

days after bringing the automobile on campus. Specific parking regulations may be obtained from the University Police.

Reporting Illness

Students are responsible for reporting to the University nurse on the first day of an illness so that advice and medical care may be given when needed. This is for the protection of the entire student body as well as the individual student.

A written verification of illness is issued at the nurses' discretion.

Change of Name or Address

Students whose names change during a semester or term are responsible for reporting the changes by filling out the proper form in the Office of the Registrar. Name changes must be verified by legal documentation (marriage certificate, social security card, divorce decree, petition for name change, etc.) presented at the time of the request to the registrar. The Office of the Registrar will then notify the Office of Financial Aid and the Business Office. **Students whose addresses or telephone numbers change** should report the changes by logging into Campus Connect, click Student Information > Demographics and click on the link provided, or *visit the Office of the Registrar, the Office of Financial Aid, and the Business Office.*

College of Business

Dr. Lisa Toms, dean

Mission Statement

The College of Business at Southern Arkansas University shapes future business leaders and equips them to succeed in the global economy through our high quality undergraduate and graduate business programs.

Our core values drive us to accomplish this mission with excellence.

We value:

- **Student Success:** The college fosters personal and professional development that transforms student potential into career performance.
- **Teaching for Excellence:** The college supports a stimulating environment for rich experiential learning, with relevant curricula, innovative teaching, and scholarly inquiry applied to inventive instructional methods and real business questions.
- **Personal and Professional Integrity:** The college values ethical behavior, mutual respect, and collegiality.
- **Continuous Improvement:** The college seeks to be a leader in the University and in the region through an unyielding pursuit of excellence.
- **Community Engagement:** The college develops mutually beneficial relationships with alumni, friends, industry, and the surrounding community.
- **A Personal Environment:** The college cultivates an atmosphere of individual attention, while emphasizing teamwork.

Accreditation

The Bachelor of Business Administration degree programs offered by the College of Business are accredited by AACSB International – The Association to Advance Collegiate Schools of Business. AACSB International accreditation is the hallmark of excellence in management education, demonstrating the College's commitment to academic and continuous improvement.



Programs of Study

The College of Business offers a Bachelor of Business Administration degree (B.B.A.) with programs of study leading to the following majors:

- Accounting
- Business Administration with areas of emphasis selected from the following:
 - Finance
 - General Business with minor in secondary education
 - General Business with supporting minor field
 - General Business with Agricultural Industries Minor
 - General Business with Fire Science Management Minor
 - Management – Organization Management option
 - Management – Management Information Systems option
- Marketing

The B.B.A. requires 124 – 126 semester hours of credit. Degree requirements include 46 hours of general education, 48 hours of business core curriculum, and 30 hours of courses in the major, area of emphasis or minor, and electives.

Secondary Education in Business

Students preparing for careers in secondary education with an emphasis in business education should complete the General Business degree, supplemented by a minor in secondary education which requires the student to pass the Praxis I Reading, Writing, and Math exams. For certification, the student also must pass the Praxis II exams and complete a professional teaching semester.

Minors in Business

The College offers minors in accounting, finance, general business, organizational management, management information systems, and marketing. The minor in general business is not available for business majors. Students earning a business minor must satisfy all prerequisites for courses selected. Non-business students earning a minor in business should consult a business advisor to develop a plan of study that will include all required prerequisites.

Associate Degree in Business

The college also offers a two-year, 64-hour program in business administration leading to an associate of science (A.S.) degree.

Assessment

Learning goals for the B.B.A. and descriptions of the college's assessment procedures can be found on the SAU website.

Requirements for Admission to the College of Business

Students must be admitted to the College of Business prior to enrolling in upper-level business courses. Admission to the college is granted when a student (1) has completed 45 semester hours of credit, and (2) has completed the following 10 courses with a grade point average of 2.3 or higher.

Courses Required for Admission to the College of Business

ACCT	2003	Principles of Accounting I
ACCT	2103	Principles of Accounting II
ECON	1003	American Enterprise System
or		
FIN	2003	Personal Finance
ECON	2103	Principles of Microeconomics
ECON	2203	Principles of Macroeconomics
ENGL	1113	Composition I
ENGL	1123	Composition II
GBUS	2013	Quantitative Analysis I
MATH	1023	College Algebra
MIS	2053	Business Information Systems

One semester of conditional admission may be granted for a student who has earned 45 hours and will be completing remaining requirements during the semester of conditional admission. Students who do not satisfy admission requirements during the semester of conditional admission must complete all requirements prior to enrolling in additional upper-level business courses.

The Business Core Curriculum

The college requires completion of a common core of business knowledge for students earning a bachelor's degree in business. The 51-hour business core curriculum includes 3 hours of GBUS 2003, the 21 hours of lower-level business courses required for admission to the college, and 27 hours of upper-level business courses.

ACCT	2003	Principles of Accounting I
ACCT	2103	Principles of Accounting II
ECON	1003	American Enterprise System
or		
FIN	2003	Personal Finance
ECON	2203	Principles of Macroeconomics
FIN	3003	Financial Management
GBUS	2003	Legal Environment of Business
GBUS	2013	Quantitative Analysis I
GBUS	3183	Quantitative Analysis II
MGMT	3023	Organizational Theory and Behavior
MGMT	3063	Managerial Communications
MGMT	4043	International Business
or		
MGMT	4313	International Studies and Field Experience
MGMT	4063	Production and Operations Management
MGMT	4093	Management Strategy and Policy
MIS	2053	Business Information Systems
MIS	4103	Managing Information and Technology
MKTG	3033	Principles of Marketing

Residency Requirements

Students transferring from another university must complete at least 50 percent of the business credit hours required for the B.B.A. at Southern Arkansas University. These credit hours must include a minimum of 15 hours in the major and a minimum of nine hours in a minor. In addition, students must meet the residency requirements for the University.

Facilities

The College of Business is housed in the campus' modern Business/Agri-Business building specifically designed to provide the latest instructional technology. The three-story facility is one of the finest in the region and provides an exceptional atmosphere for learning. The building houses three computer instruction labs. Classrooms in the building are equipped with Internet access and support multi-media instruction.

Academic Enrichment Opportunities

Students in the College of Business have many opportunities to participate in activities that enrich the academic experience, provide leadership opportunities, and contribute to continuous improvement of the business programs.

Business Internships

Internships are available to many students in the College of Business. Students in the business internship program gain valuable real-world work experience and earn college credit. Participating students engage in a structured field experience under the supervision of a faculty advisor. The business internship program requires a cumulative grade point average of 2.50 or higher and/or recommendation of a faculty member in the College of Business.

The Business Student Advisory Council

The Business Student Advisory Council offers selected students the opportunity to provide valuable input into policies and procedures in the college and to evaluate the business programs. Students are selected by the business faculty to serve on the Business Student Advisory Council.

The Business Student Investment Advisory Council

The Business Student Investment Advisory Council manages a special endowment fund for the College of Business. Members of the finance faculty select students on this council.

Students in Free Enterprise (SIFE)

SIFE offers students the opportunity to study and promote the principles of free enterprise. SIFE is a classroom and field experience that involves many students in projects designed to increase understanding of the principles of free enterprise and to encourage the application of these principles in a modern economy. SAU's SIFE team has won many state and regional awards that recognize SIFE's effective programs in economic education.

Phi Beta Lambda (PBL)

A professional organization for business students, PBL offers opportunities for leadership development, team building, career development, and academic competition. SAU is home of one of the nation's most successful chapters of Phi Beta Lambda. Many PBL members from SAU have served as national and state officers in the organization, and hundreds of SAU PBL members have earned national awards in academic competitions and for chapter projects.

The Accounting and Finance Society

The Accounting and Finance Society is a local professional association for students majoring in accounting or finance. Organized in 2001, the Society provides its members with opportunities for career development, networking, and academic enrichment.

Academic Honor Societies

In spring 2006, the College of Business initiated its chapter of **Beta Gamma Sigma**, the national honor society for students attending colleges accredited by AACSB International – the Association to Advance Collegiate Schools of Business. Beta Gamma Sigma recognizes juniors who rank in the top 7 percent of the junior class and senior business students who rank in the top 10 percent of the senior class. SAU's Beta Gamma Sigma Chapter was recognized as a Premier Chapter in 2007-08, 2008-09 and 2009-10.

Master of Business Administration

The Master of Business Administration is offered by the College of Business at SAU. The 30 hour degree program emphasizes the higher level of knowledge and skills needed to manage organizations successfully. The M.B.A. program consists of 24 hours of graduate core courses and six hours of electives. A student can choose to complete the courses in a traditional night program, through online delivery, or through a combination of the two.

Degrees and Fields of Specialization

Department of Accounting, Finance, and Economics

Sam Riner, B.B.A., M.B.A., D.B.A., interim chair

The Department of Accounting, Finance, and Economics offers a B.B.A. with the choice of a major in accounting or a major in business administration with emphasis in finance. The accounting major is designed for students planning careers in public, corporate, or governmental accounting. The finance emphasis is designed for students planning careers in insurance, real estate, banking, financial management, and investment or financial planning.

The department offers curricula that prepare students to take professional examinations in accounting, such as the uniform CPA examination and the national Certified Financial Planner® examination.

Major in Accounting (B.B.A.) - 124 hours

Students earning a B.B.A. with a major in accounting complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Accounting Major Curriculum	27 hours
Electives, including GSTD 1002	3 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Accounting Major Curriculum - 27 hours

ACCT	3003	Intermediate Accounting I
ACCT	3013	Managerial Accounting
ACCT	3063	Accounting Information Systems
ACCT	3103	Intermediate Accounting II
ACCT	4003	Auditing
ACCT	4023	Individual Income Tax
ACCT	4043	Advanced Financial Accounting I

6 hours selected from the following:

ACCT	3133	Fraud Examination and Prevention
ACCT	3983	Business Internship in Accounting
ACCT	4053	Advanced Financial Accounting II
ACCT	4063	Governmental and Not-for-Profit Accounting
ACCT	4123	Advanced Taxation
ACCT	4163	CPA Review

Professional Examination Requirements: Students planning to take a professional examination, such as the Certified Public Accountant (CPA) exam or Certified Management Accountant (CMA) exam, may need to complete additional courses to meet state eligibility requirements.

Students preparing to take the CPA examination in Arkansas should follow the 124-hour curriculum and complete an additional 26 hours of electives to satisfy the state's 150-hour academic eligibility requirement. Within the 150 hours, the student must include 30 hours of upper-level accounting courses with grades of C or better in each course. Students may choose from a variety of options to meet the 150-hour educational requirement. For example, a student may (1) complete an additional minor area of emphasis in business; (2) complete a minor in a non-business field, such as English or political science; or (3) complete an individualized supplementary plan of study developed with the faculty advisor. Students preparing to take the CPA examination should consult with their faculty advisor about other requirements that may relate to selected electives.

Major in Business Administration: Finance (B.B.A.) - 124 hours

Students earning a B.B.A. with an emphasis in finance complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Finance Emphasis Curriculum	24 hours
Electives, including GSTD 1002	6 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Finance Emphasis Curriculum – 24 hours

FIN	3013	Insurance Principles and Planning
FIN	3023	Financial Institutions and Markets
FIN	3053	Investments
FIN	4003	Advanced Financial Management
FIN	4063	Retirement Planning and Employee Benefits

9 hours selected from the following:

ACCT	3003	Intermediate Accounting I
ACCT	4023	Individual Income Tax
ECON	3093	Managerial Economics
ECON	4023	Free Enterprise Studies and Projects
FIN	3073	Principles of Real Estate
FIN	3983	Business Internship in Finance
FIN	4033	Real Estate Appraisal
FIN	4073	Estate Planning and Taxation
FIN	4103	Advanced Financial Planning
FIN	4203	CFP® Review

Professional Examination Requirements: Southern Arkansas University is registered with the Certified Financial Planner® Board of Standards, Inc., in Denver, Colorado, to offer a program in financial planning. Successful completion of this program qualifies students to sit for the national CFP® Certification Examination. Students interested in this program should pursue a B.B.A. degree with finance as the major area of emphasis and consult their faculty advisor to select appropriate electives.

Department of Management, Marketing, and Management Information Systems

Tim Wise, D.B.A., chair

The Department of Management, Marketing, and Management Information Systems offers a major in business administration with choices from seven areas of emphasis and concentration:

- General Business with agricultural industries minor
- General Business with education minor
- General Business with fire science management minor
- General Business with supporting minor field
- Management with concentration in management information systems (MIS)
- Management with concentration in organization management
- Marketing

Students pursuing areas of emphasis in management readily find employment in a variety of exciting areas in business and industry. Understanding that management skills are needed in every organization, students selecting a concentration in organization management find a wide range of career opportunities, ranging from small business management to business consulting to corporate management. Students pursuing a concentration in MIS find career opportunities in computer programming, networking administration, database management, or business analysis. Students pursuing an emphasis in marketing find career opportunities in sales, retail management, advertising, marketing research, and product development.

Additionally, the department offers a two-year, 64-hour program in business administration leading to an associate of science (A.S.) degree.

Major in Business Administration: General Business (B.B.A.) - 124 hours

Students earning a B.B.A. in general business complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Minor Field*	15-21 hours
Upper-level Business Electives	6 hours
Other Electives, including GSTD 1002	3-9 hours

*including at least nine hours upper-level courses

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Major in Business Administration: General Business (B.B.A.) with a minor in Secondary Education - 126 hours

Students earning a B.B.A. in general business with a minor in secondary education complete 126 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core	48 hours
Minor Field	18 hours
Student Teaching block	12 hours
GSTD 1002	2 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Major in Business Administration: General Business (B.B.A.) with Agricultural Industries Minor - 124 hours

Students earning a B.B.A. in general business with the agricultural industries minor complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core	48 hours
Agricultural Industries Curriculum	18 hours
Approved Electives, including GSTD 1002	12 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Agricultural Industries Curriculum - 18 hours

AGEC	3043	Farm Management
AGEC	4033	Real Estate Appraisal
AGRI	1002	Freshman Agriculture Orientation
AGRO	1001/1002	Crops/Lab
AS	1003/1001	Animal Science/Lab
FOR	1001/1002	Elements of Forestry/Lab

Major in Business Administration: Management with Organization Management Concentration (B.B.A.) - 124 hours

Students earning a B.B.A. with emphasis in management, concentrating in organization management complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Organization Management Curriculum	24 hours
Electives, including GSTD 1002	6 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement. Students in the **organization management** concentration must also take PSYC 2003, General Psychology, as part of the general education requirement.

Organization Management Curriculum - 24 hours

MGMT	3073	Advanced Managerial Communications
MGMT	4023	Entrepreneurship
MGMT	4053	Human Resources Management
MGMT	4073	Supply Chain Management
MGMT	4103	Total Quality Management

9 hours selected from the following:

ACCT	3013	Managerial Accounting
ECON	3093	Managerial Economics
FIN	3013	Insurance Principles and Planning
FIN	4063	Retirement Planning and Employee Benefits
MGMT	3983	Business Internship in Management
PSYC	4023	Industrial and Organizational Psychology
MGMT	4301-3	Special Topics in Management

Major in Business Administration: Management – Management Information Systems Concentration (B.B.A.) - 126 hours

Students earning a B.B.A. with emphasis in management, concentrating in management information systems, complete 126 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Management Information Systems Foundation Courses	6 hours
Management Information Systems Curriculum	24 hours
Electives, including GSTD 1002	2 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Management Information Systems Foundation Courses – 6 hours

MIS	2103	Programming Languages and Logic
MIS	2203	Introduction to Networking I

Management Information Systems Curriculum - 24 hours

MGMT	3073	Advanced Managerial Communications
MGMT	4103	Total Quality Management
MIS	2113	COBOL Programming I
MIS	3313	Advanced Programming
MIS	3403	Database Management
MIS	4213	Systems Analysis and Design
MIS	4303	Enterprise Information Systems

3 hours selected from the following:

MIS	3003	Website Development for Business and Commerce
MIS	3063	Accounting Information Systems
MIS	3983	Business Internship in MIS
MIS	3993	Virtual Internship in MIS

Or any upper-level course in MGMT

CISCO Certification. The department offers curricula that prepare students to pursue certification as a CISCO Certified Networking Associate (CCNA).

Students pursuing certification as a CCNA must complete the following:

MIS	2203	Introduction to Networking I
MIS	2213	Introduction to Networking II

Major in Business Administration: Marketing (B.B.A.) - 124 hours

Students earning a B.B.A. with emphasis in marketing complete 124 hours, including the following specific requirements:

University General Education (see note below)	46 hours
Business Core Curriculum	48 hours
Marketing Emphasis Curriculum	24 hours
Electives, including GSTD 1002	6 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement. Students in the marketing emphasis must also take PSYC 2003, General Psychology, as part of the general education requirement.

Marketing Curriculum - 24 hours

MKTG	3063	Consumer Behavior
MKTG	4023	Marketing Research
MKTG	4103	Marketing Management

9 hours selected from the following:

MKTG	3103	Selling and Sales Management
MKTG	3983	Business Internship in Marketing
MKTG	4043	Retailing
MKTG	4053	Integrated Marketing Communications
MKTG	4073	Supply Chain Management

6 hours selected from the following:

ECON	4023	Free Enterprise Studies
MGMT	3073	Advanced Managerial Communications
MGMT	4023	Entrepreneurship
MIS	3003	Website Development for Business and Commerce

Double Majors in the College of Business

Students in the College of Business may choose to simultaneously complete the requirements for majors in two business fields. Students electing to double major must complete all of the requirements for both degrees and may double count up to nine hours.

Associate of Science with Major in Business Administration (A.S.) – 64 hours

Students earning the A.S. degree with a major in business administration complete 64 hours, including the following specific requirements:

General Education Courses (see note below)	35 hours
Business Curriculum	21 hours
Business Electives	6 hours
Electives, including GSTD 1002	2 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

General Education – 35 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
MATH	1023	College Algebra
PSYC	2003	General Psychology
SPCH	1113	Introduction to Public Speaking

Plus the requirements listed below, selecting from courses included in the University general education curriculum.

- 4 hours of biological science
- 4 hours of physical science
- 6 hours of history, including 3 hours of U.S. history
- 6 hours of humanities or fine arts electives

Business Curriculum – 21 hours

ACCT	2003	Principles of Accounting I
ACCT	2103	Principles of Accounting II
ECON	1003	American Enterprise System
ECON	2103	Principles of Microeconomics
ECON	2203	Principles of Macroeconomics
GBUS	2013	Quantitative Analysis I
MIS	2053	Business Information Systems

Business Electives – 6 hours

6 hours selected from the following:

FIN	2003	Personal Finance
GBUS	2003	Legal Environment
MIS	2073	Desktop Publishing
MIS	2103	Programming Languages and Logic
MIS	2113	COBOL Programming I
MIS	2203	Introduction to Networking I
MIS	2213	Introduction to Networking II

or

up to six (6) hours of junior level business courses.

Minors in Business

Minor in Accounting - 15 hours

ACCT 3003 Intermediate Accounting I*

Plus 12 hours of upper-level accounting courses

*(ACCT 2003 and ACCT 2103 are prerequisites to ACCT 3003)

Minor in Finance - 15 hours

15 hours of upper-level finance courses*

(*FIN 3003 is a prerequisite to the 15 hour curriculum)

Minor in General Business - 21 hours

This minor is not available for business majors.

ACCT	2003	Principles of Accounting I
ACCT	2103	Principles of Accounting II
ECON	2103	Principles of Microeconomics
FIN	3003	Financial Management
MGMT	3023	Organizational Theory and Behavior
MIS	3183	Quantitative Analysis II
MKTG	3033	Principles of Marketing

Minor in Management Information Systems - 15 hours

MIS 2103 Programming Languages and Logic

Plus 12 hours of MIS courses, including at least 9 hours of upper-level MIS courses*

(*prerequisite MIS 2053)

Minor in Marketing - 15 hours

15 hours selected from the following:

Any upper-level marketing courses*

or

MIS 3003 Website Development for Business and Commerce

(*prerequisite MKTG 3033)

Minor in Organizational Management - 15 hours

15 hours of upper-level management courses*

(*prerequisite MGMT 3023)

Major in Business Administration: General Business (B.B.A.) with Fire Science Management minor – 124 hours

Students earning a B.B.A. in general business with the fire science management minor complete 124 hours including the following specific requirements:

University General Education (see note below)	46 hours
Business Core	48 hours
Fire Science Management Curriculum	21 hours
Approved Electives, including GSTD 1002	9 hours

Note: All business majors will be required to complete ECON 2103, Principles of Microeconomics, as part of the general education requirement.

Fire Science Management Curriculum -21 hours

15 hours from the Arkansas Fire Academy at SAU-Tech

FS	1023	Strategies and Tactics
FS	1033	Fire Prevention
FS	2043	Fire Administration I
FS	2153	Fire Investigation I
FS	2163	Legal Aspects of Fire Service

6 hours from SAU

MGMT	4053	Human Resource Management
MGMT	4103	Total Quality Management

**College of Business
PACT 8 Degree Plans**

Accounting Major

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	Social Science choice (GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		SPCH 1113 Introduction to Public Speaking	3
Total semester hours		Total semester hours	
	15		16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	ACCT 2103 Principles of Accounting II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
		PHED 1__1 PE activity	1
Total semester hours		Total semester hours	
	16		16
Fall - Semester 5		Spring - Semester 6	
ACCT 3003 Intermediate Accounting I	3	ACCT 3103 Intermediate Accounting II	3
ACCT 3013 Managerial Accounting	3	ACCT 3063 Accounting Information Systems	3
FIN 3003 Financial Management	3	MKTG 3003 Principles of Marketing	3
GBUS 3183 Quantitative Analysis II	3	MGMT 3063 Managerial Communications	3
GBUS 2003 Legal Environment of Business	3	MGMT 3023 Organizational Theory and Behavior	3
		Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total semester hours		Total semester hours	
	15		18
Fall - Semester 7		Spring - Semester 8	
ACCT 4003 Auditing	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
ACCT 4023 Individual Income Tax	3	MGMT 4093 Management Strategy and Policy	3
ACCT 4043 Advanced Financial Accounting I	3	MIS 4103 Managing Information and Technology	3
MGMT 4063 Production and Operations Management	3	Accounting Elective	3
Accounting Elective	3	*Free Elective	1
Total semester hours		Total semester hours	
	15		13

Total hours required for major - 124 hours

Accounting Electives

Offered each fall	Offered each spring
ACCT 3133 Fraud Examination and Prevention	ACCT 3983 Business Internship in Accounting
ACCT 3983 Business Internship in Accounting	ACCT 4053 Advanced Financial Accounting II
FIN 4063 Retirement Planning and Employee Benefits	ACCT 4063 Governmental and Non-Profit Accounting
	ACCT 4123 Advanced Taxation

*Note: Activity courses cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.

Finance Major

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	Social Science choice (GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		SPCH 1113 Introduction to Public Speaking	3
Total semester hours	15	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	ACCT 2103 Principles of Accounting II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
		PHED 1__1 PE activity	1
Total semester hours	16	Total semester hours	16
Fall - Semester 5		Spring - Semester 6	
GBUS 2003 Legal Environment of Business	3	MGMT 3023 Organizational Theory and Behavior	3
GBUS 3183 Quantitative Analysis II	3	FIN 3023 Financial Institutions and Markets	3
FIN 3003 Financial Management	3	FIN 3053 Investments	3
FIN 3013 Insurance Principles and Planning	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
MKTG 3033 Principles of Marketing	3	Finance Elective	3
Total semester hours	15	Total semester hours	15
Fall - Semester 7		Spring - Semester 8	
MGMT 3063 Managerial Communications	3	MIS 4103 Managing Information and Technology	3
MGMT 4063 Production and Operations Management	3	MGMT 4093 Management Strategy and Policy	3
FIN 4003 Advanced Financial Management	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
FIN 4063 Retirement Planning and Employee Benefits	3	*Free Elective	3
Finance Elective	3	*Free Elective	1
		Finance Elective	3
Total semester hours	15	Total semester hours	16
Total hours required for major - 124 hours			
Finance Electives			
Offered each fall		Offered each spring	
ACCT 3003 Intermediate Accounting I		ACCT 3003 Intermediate Accounting I	
ACCT 4023 Individual Income Tax		ECON 3093 Managerial Economics	
FIN 3073 Principles of Real Estate		ECON 4023 Free Enterprise Studies and Projects	
FIN 3983 Business Internship Finance		FIN 4033 Real Estate Appraisal	
		FIN 4073 Estate Planning and Taxation	
		FIN 3983 Business Internship in Finance	
		FIN 4103 Advanced Financial Planning	

*Note: Activity courses cannot fulfill the forty (40) hour Jr. /Sr. requirement.

General Business

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	Social Science choice (PSYC 2003, GEOG 2003, PSCI 2003, or SOC 1003 or 2003)	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	PHED 1501 Activity and Wellness	1
GSTD 1002 Freshman Seminar	2	HIST 1003 or 1013 World History I or II	3
PHED 1__1 PE activity	1	SPCH 1113 Introduction to Public Speaking	3
Total semester hours	16	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	ACCT 2103 Principles of Accounting II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
Total semester hours	16	Total semester hours	15
Fall - Semester 5		Spring - Semester 6	
GBUS 2003 Legal Environment of Business	3	MKTG 3033 Principles of Marketing	3
GBUS 3183 Quantitative Analysis II	3	FIN 3003 Financial Management	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	MGMT 3023 Organizational Theory and Behavior	3
MGMT 3063 Managerial Communications	3	Minor requirement or free elective	3
Minor requirement	3	Minor requirement	3
Total semester hours	15	Total semester hours	15
Fall - Semester 7		Spring - Semester 8	
UL Minor requirement or free elective	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
UL Minor requirement	3	MGMT 4093 Management Strategy and Policy	3
UL Business course	3	UL Minor requirement	3
MGMT 4063 Production and Operations Management	3	*Free Elective or Minor requirement	4
MIS 4103 Managing Information and Technology	3	UL Business course	3
Total semester hours	15	Total semester hours	16

Total hours required for major - 124 hours

*Note: Activity courses cannot be used to fulfill the forty (40) hour Jr. /Sr. requirement.

**General Business With Minor in Education
Optional Teaching Certification**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	Social Science choice (GEOG 2003, PSCI 2003, SOC 1003 or 2003)	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		SPCH 1113 Introduction to Public Speaking	3
Total semester hours	15	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ACCT 2103 Principles of Accounting II	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	EDUC 2003/2000 EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
PHED 1__1 PE activity	1	GBUS 2013 Quantitative Analysis I	3
Total semester hours	17	Total semester hours	18
Fall - Semester 5		Spring - Semester 6	
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
GBUS 3183 Quantitative Analysis II	3	FIN 3003 Financial Management	3
MGMT 3023 Organizational Theory and Behavior	3	S ED 3003 Secondary and Middle School Curricula	3
MGMT 3063 Managerial Communications	3	EDUC 4043 Assessment, Evaluation and Measurement	3
GBUS 2003 Legal Environment of Business	3	SPED 4073 Survey of Exceptional Individuals	3
MKTG 3033 Principles of Marketing	3		
Total semester hours	18	Total semester hours	15
Fall - Semester 7		Spring - Semester 8*	
MGMT 4093 Management Strategy and Policy	3	UL Business elective	3
MGMT 4063 Production and Operations Management	3	UL Business elective	3
MGMT 4103 Managing Information Technology	3	*Electives	4
S ED 4023 Supervised Field Experience Level II	3		
S ED 3123 Methods and Materials	3	Or student teaching block = 12 hrs	
Total semester hours	15	Total semester hours	10

Total hours - 126 including student teaching block.

*For teaching certification, student will replace 10 hours of electives in semester 8 with student teaching block.

Certification track results in 126 hours for total program.

Student teaching block:

SED 4006 Student Teaching I	9
SED 4103 Student Teaching II	
EDUC 4003 Student Teaching Seminar	3

**General Business
Agricultural Industries Minor**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	Social Science choice (GEOG 2003, PSCI 2003, SOC 1003 or 2003)	3
Biological Science and Lab	4	HIST 1003 or 1013 World History	3
GSTD 1002 Freshmen Seminar	2	PHED 1501 Activity and Wellness	1
AGRI 1002 Freshman Agriculture Orientation	1	SPCH 1113 Introduction to Public Speaking	3
Total semester hours	16	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
FOR 1001/1002 Elements of Forestry/Lab	3	ACCT 2103 Principles of Accounting II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History	3
PHED 1001 PE Activity	1		
Total semester hours	17	Total semester hours	15
Fall - Semester 5		Spring - Semester 6	
AS 1001/1003 Animal Science	5	AGRO 1001/1002 Crops/Lab	3
GBUS 3183 Quantitative Analysis II	3	MGMT 3063 Managerial Communications	3
GBUS 2003 Legal Environment of Business	3	MKTG 3033 Principles of Marketing	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Free Elective	1	MGMT 3023 Organizational Theory and Behavior	3
Total semester hours	15	Total semester hours	15
Fall - Semester 7		Spring - Semester 8	
AGEC 3043 Farm Management	3	Approved Upper-level Business or Agriculture Electives	6
MGMT 4063 Productions and Operations Management	3	MGMT 4093 Management Strategy and Policy	3
FIN 3003 Financial Management	3	AGEC 4033 Real Estate Appraisal	3
MIS 4103 Managing Information and Technology	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
Upper-level Business Elective	3		
Total semester hours	15	Total semester hours	15

Total hours required for major = 124 hours

**Management Major
Organization Management Track**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	SPCH 1113 Introduction to Public Speaking	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	PSYC 2003 Psychology	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		HIST 1003 or 1013 World History I or II	3
Total semester hours	15	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	ACCT 2103 Principles of Accounting II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
		PHED 1__1 PE activity	1
Total semester hours	16	Total semester hours	16
Fall - Semester 5		Spring - Semester 6	
GBUS 2003 Legal Environment of Business	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
GBUS 3183 Quantitative Analysis II	3	MGMT 4073 Supply Chain Management	3
MGMT 3023 Organizational Theory and Behavior	3	MGMT 3073 Advanced Managerial Communication	3
MGMT 3063 Managerial Communications	3	FIN 3003 Financial Management	3
MKTG 3033 Principles of Marketing	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total semester hours	15	Total semester hours	15
Fall - Semester 7		Spring - Semester 8	
MGMT 4023 Entrepreneurship	3	MIS 4103 Managing Information and Technology	3
MGMT 4063 Production and Operations Management	3	MGMT 4053 Human Resources Management	3
MGMT 4103 Total Quality Management	3	MGMT 4093 Management Strategy and Policy	3
Management Elective	3	Management Elective	3
Management Elective	3	*Free Elective	1
		*Free Elective	3
Total semester hours	15	Total semester hours	16

Total hours required for major - 124 hours

Management Electives

Offered each fall	Offered each spring
ACCT 3013 Managerial Accounting	ECON 3093 Managerial Economics
FIN 3013 Insurance Principles and Planning	MGMT 3983 Business Internship Management
FIN 4063 Retirement Planning and Employee Benefits	MGMT 4301-3 Special Topics in Management
MGMT 3983 Business Internship Management	PSYC 4023 Industrial Psychology

*Note: Activity courses cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.

Management Major
Management Information Systems Track

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	PSYC 2003 Psychology	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	MIS 2113 COBOL Programming I	3
MIS 2103 Programming Languages and Logic	3	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	ACCT 2103 Principles of Accounting II	3
		PHED 1__1 PE activity	1
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
HIST 2013 or 2023 U.S. History I or II	3	MIS 3403 Database Management	3
GBUS 3183 Quantitative Analysis II	3	MGMT 3063 Managerial Communications	3
MIS 3313 Advanced Programming or (CSCI 3063 or CSCI 3103)	3	MGMT 3023 Organizational Theory and Behavior	3
MIS 2203 Introduction to Networking I	3	MGMT/MIS elective	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
GBUS 2003 Legal Environment of Business	3		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
MGMT 4063 Production and Operations Management	3	MIS 4103 Managing Information and Technology	3
MKTG 3033 Principles of Marketing	3	MIS 4303 Enterprise Information Systems	3
FIN 3003 Financial Management	3	MGMT 4093 Management Strategy and Policy	3
MIS 4213 Systems Analysis	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
MGMT 4103 Total Quality Management	3	MGMT 3073 Advanced Managerial Communications	3
Total Semester Hours	15	Total Semester Hours	15
Total hours required for major - 126 hours			
MIS Electives			
Offered each fall	Offered each spring		
MIS 3983 Business Internship MIS	MIS 3003 Website Development for Business and Commerce		
MIS 3993 Virtual Internship MIS	MIS 3063 Accounting Information Systems		
	MIS 3983 Business Internship MIS		
	MIS 3993 Virtual Internship MIS		

Marketing Major

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise or FIN 2003 Personal Finance	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	PSYC 2003 Psychology	3
GSTD 1002 Freshman Seminar	2	PHED 1501 Activity and Wellness	1
		SPCH 1113 Introduction to Public Speaking	3
Total semester hours	15	Total semester hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013 HUM 2003, MUS 2013 or Foreign Language)	3	ACCT 2103 Principles of Acct II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	GBUS 2013 Quantitative Analysis I	3
ECON 2103 Principles of Microeconomics	3	ECON 2203 Principles of Macroeconomics	3
ACCT 2003 Principles of Accounting I	3	HIST 2013 or 2023 U. S. History I or II	3
		PHED 1__1 PE activity	1
Total semester hours	16	Total semester hours	16
Fall - Semester 5		Spring - Semester 6	
MKTG 3033 Principles of Marketing	3	Free elective	3
FIN 3003 Financial Management	3	GBUS 3183 Quantitative Analysis II	3
MGMT 3023 Organizational Theory and Behavior	3	MKTG elective (A) (3983, 3103, 4053)	3
MGMT 3063 Managerial Communications	3	MKTG elective (A or B)	3
GBUS 2003 Legal Environment of Business	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total semester hours	15	Total semester hours	15
Fall - Semester 7		Spring - Semester 8	
MKTG 3063 Consumer Behavior	3	MIS 4103 Managing Information and Technology	3
MKTG elective (A or B)	3	MGMT 4043 International Business or MGMT 4313 International Field Experience	3
MKTG elective (A or B)	3	MGMT 4093 Management Strategy and Policy	3
MKTG 4023 Marketing Research	3	MKTG 4103 Marketing/Management	3
MGMT 4063 Production and Operations Management	3	*Free Elective	1
		MKTG elective (A or B)	3
Total semester hours	15	Total semester hours	16
Total hours required for major - 124 hours			
Marketing Electives			
Offered each fall	Offered each spring		
Group A	Group A		
Select total of 9 hours from Group A choices	Select total of 9 hours from Group A choices		
MKTG 3983 Business Internship Marketing	MKTG 3103 Selling		
MKTG 4043 Retailing	MKTG 3983 Business Internship Marketing		
	MKTG 4053 Integrated Marketing Communications		
	MKTG 4073 Supply Chain Management		
Group B	Group B		
Select total of 6 hours from Group B choices	Select total of 6 hours from Group B choices		
MGMT 4023 Entrepreneurship	ECON 4023 Free Enterprise Studies and Projects		
	MGMT 3073 Advanced Managerial Communications		
	MIS 3003 Website Development for Business and Commerce		

A.S. Degree in Business

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MIS 2053 Business Information Systems	3
ECON 1003 American Enterprise	3	HIST 1003 or 1013 World History I or II	3
Biological Science choice/Lab BIOL 1103/1101 or BSCI 1013/1011	4	PSYC 2003 General Psychology	3
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
Total semester hours	15	Total semester hours	15
Fall - Semester 3		Spring - Semester 4	
Humanities or Fine Arts (ENGL 2213, PHIL 2403, ART 2013, MUS 2013 or Foreign Language)	3	Humanities or Fine Arts (ENGL 2213, PHIL 2403, ART 2013, or MUS 2013)	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	ACCT 2103 Principles of Accounting II	3
ECON 2103 Principles of Microeconomics	3	GBUS 2013 Quantitative Analysis I	3
ACCT 2003 Principles of Accounting I	3	ECON 2203 Principles of Macroeconomics	3
Business Elective: FIN 2003, GBUS 2003, MIS 2073, MIS 2103, or MIS 2203	3	Business Elective: FIN 2003, GBUS 2003, MIS 2103, MIS 2113, MIS 2203, or MIS 2213	3
		HIST 2013 or 2023 U. S. History I or II	3
Total semester hours	16	Total semester hours	18

Total hours for degree - 64

College of Education

Dr. A. Zaidy MohdZain, dean

The College of Education consists of the following departments and service areas:

1. Admissions, Field Experience, and Licensure (AFEL)
2. The Department of Teacher Education
3. The Department of Counseling and Professional Studies (see Graduate Catalog)
4. The Department of Health, Kinesiology, and Recreation
5. The Southwest Educational Renewal Zone
6. The Wellness Center

Mission Statement

The mission of the College of Education is to prepare teacher education and other school personnel candidates, and students preparing for professions in Counseling, and Health, Kinesiology and Recreation as professional members and leaders of collaborative teams.

Graduate Programs

Graduate programs within the College of Education are detailed in the SAU Graduate Catalog.

Programs of Study

Teacher Education Programs

The College of Education is the approved unit for professional education and teacher licensure at Southern Arkansas University and offers a Bachelor of Science in Education (B.S.E. degree) with majors in Early Childhood Education P-4, (focus areas of inclusive education or early childhood education), Middle School Education – Math/Science, or Social Studies/Language Arts, and Physical Education, Wellness and Leisure.

Programs of study are detailed on the following pages. Candidates should, however, be aware that revisions in the State of Arkansas licensure guidelines could result in changes that are not reflected in this catalog. Students must consult regularly with their advisors to ensure appropriate program completion.

The college also offers the Teacher Education minor and professional semester for candidates preparing to teach in the following areas:

- Agricultural Education (7-12)
- Business Administration (7-12)
- Science (7-12)
- English (7-12)
- Foreign Language (7-12)
- Mathematics (7-12)
- Social Studies (7-12)

In addition, the College of Education offers the Bachelor of Science (B.S. degree) in Athletic Training, Exercise Science, and Human Performance, Recreation and Community Service.

Accreditations

Teacher Education Programs offered by the College of Education are accredited by NCATE – the National Council for Accreditation of Teacher Education, 2010 Massachusetts Ave, NW, Suite 500, Washington, DC 20036; phone 202-466-7496. This accreditation covers initial teacher preparation and advanced educator and school personnel preparation programs B.S.E. and M.Ed. degrees.



The Bachelor of Science in **Athletic Training** offered by the College of Education is accredited by CAATE – The Commission on Accreditation of Athletic Training Education. The Commission and the National Athletic Trainers Association (NATA) work together to assure through standards that educational programs in Athletic Training are of high quality.



Assessment

The learning goals for each of the major programs and descriptions of the assessment procedures may be found in the departmental assessment reports on the SAU website under Academics and Assessment.

Admission to the Teacher Education Program

Students who plan to follow teacher preparation programs must, in consultation with their advisor, submit a formal application for admission to the Office of Admissions, Field Experience and Licensure in the College of Education.

Applications are usually made during the second semester of the sophomore year. All application requirements must be completed when the application is filed. Students transferring to SAU at the beginning of their junior year should apply upon entering SAU. This application is not the same as applying for admission to the University. Both applications are needed.

Application forms may be obtained from the Office of Admissions, Field Experience and Licensure (AFEL), located in Cross 204. Students must submit completed application forms to their advisor for the advisor's recommendation. Advisor approved applications are then submitted to the AFEL office for processing and approval.

Criteria for Admission to the Teacher Education Program

1. Completion of 42 or more semester hours of credit with a grade point average of 2.50 or higher in all course work taken toward the degree.
2. Successful completion of all major courses required for the degree with a grade of *C* or higher in each.
3. Successful completion of the Pre-Professional Skills Test (Praxis I) with state minimum scores or higher. Information concerning the Pre-Professional Skills Test (Praxis I) can be obtained from the academic advisor, the ADE website and the SAU Office of Counseling and Testing.

4. Attainment of grade of C or higher in ENGL 1113, Composition I, ENGL 1123 Composition II, SPCH 1113 Introduction to Public Speaking, and math general education.
5. A signed criminal affidavit form on file in the College of Education office.
6. Review by unit faculty.
7. An interview with the student's advisor.
8. Approval by the dean of the College of Education.

The faculty advisor closely follows the progress of professional education majors. Students who have been admitted to the Professional Education Program are expected to maintain all degree requirements or be dropped from the program. Letters of dismissal will be mailed to the address listed in the student's admission folder in the College of Education office. Students are responsible for submitting address changes to the College of Education files.

Students who are not approved for admission to the Professional Education Program may not enroll or receive credit in selected 3000-4000 level professional education courses.

Application for Student Teaching Block

The Student Teaching Block is a complete semester of work, which includes 15 weeks of full-time student teaching and completion of a student teaching seminar. It is recommended that no other course work be taken or completed during this semester, including correspondence course work.

Applications must be submitted to the Office of Admissions, Field Experience and Licensure (AFEL) in Cross 204 by the following dates:

- October 15 for the following spring semester
- March 15 for the following fall semester

Forms are available in the office of Admissions, Field Experience and Licensure (AFEL) in Cross 204. Applicants filing after the above deadlines should not expect to student teach the following semester.

Criteria for the Student Teaching Block

1. Full admission to the Professional Education Program with no deficiencies.
2. Senior status. (All major courses must be completed with a minimum grade of C prior to student teaching.)
3. A minimum of one semester of residence credit at Southern Arkansas University.
4. A grade point average of 2.50 or higher in (a) all course work required for the teaching major, and (b) all course work required for the specialty/support area.
5. Documentation of official test scores for PRAXIS II and other required licensure tests **or** evidence of intent to take required tests during the student teaching semester. Information about PRAXIS II can be obtained from the academic advisor, the ADE website and the SAU Office of Counseling and Testing.
6. Approval of the director of Admissions, Field Experience and Licensure (AFEL).

Graduation Requirements and Recommendation for Arkansas Teacher Licensure

All teacher candidates are expected to take the appropriate PRAXIS II exams or show evidence of requesting for the test prior to enrolling in the professional semester (student teaching and seminar). Teacher candidates may complete all graduation requirements without passing Praxis II exams but must take all required test in order to graduate.

Candidates will not be eligible for the initial license until all PRAXIS II exams have been passed.

Graduation from Southern Arkansas University does not guarantee Arkansas Teacher Licensure. All Arkansas teaching licenses are issued by the Arkansas Department of Education.

After graduation and after the degree (citing major and second teaching field if applicable) is posted on the transcript, the student must complete an application for a teaching license. The application may be obtained from and must be returned to the AFEL office in Cross 204 along with an official transcript and all test (entry and exit) scores. Issuance of a professional license is not automatic – the candidate must apply.

Note: Teacher candidates who complete all required courses for certification and fail to successfully complete Praxis II may be recommended for a one-year provisional license. However, to be recommended for an initial (3-year) license, candidates must meet the Arkansas pass score for all required Praxis II exams.

Appeals and Due Process

Due process assures fair and equitable treatment of students. Students are encouraged to become familiar with due process as stated in this catalog and the Student Handbook.

College of Education Services

Education Renewal Zone

The Southwest-B Education Renewal Zone is designed to support schools, school leadership, education service cooperatives, institutions of higher education, and communities participating with the Education Renewal Zone (ERZ) in the delivery of the quality education needed to assist students in attaining the performance levels set forth by the State of Arkansas and as defined by the Federal No Child Left Behind Act of 2001.

Participating regional school districts plus the Southwest and South Central Education Service Cooperatives and Southern Arkansas University have entered into an inter-local agreement through which they jointly collaborate to improve public school performance and academic achievement.

This inter-local agreement establishes an ERZ with the purpose of achieving the following requirements:

1. Identify and implement education and management strategies designed specifically to improve public school performance and student academic achievement.
2. Provide for collaboration among the state's smaller schools and districts in order to achieve some of the advantages of economies of scale in providing educational and related activities.
3. Maximize benefits and outcomes of public schooling by concentrating and coordinating the resources of Arkansas' higher education institutions, the expertise of the regional education service cooperatives, and the technical assistance of other service providers to improve public school performance and student academic achievement.

4. Enable small, rural, and low-wealth schools to make the best use of the latest cost-effective distance learning technology to enhance curricula and professional development through two-way interactive learning environments.

For more information regarding the Education Renewal Zone and related services, please contact the director of ERZ directly in Cross Hall 113 or call (870) 235-5014.

Degrees and Major Fields

Department of Teacher Education

Kathryn Benson, Ph.D., chair

The Department of Teacher Education offers a B.S.E. with the choice of majors in Early Childhood Education P-4, (focus areas of inclusive education or early childhood education) or Middle Level (4-8) Education. Middle Level students have the choice of focus areas in English Language Arts/Social Studies or Mathematics/Science.

The department offers curricula that prepare students to meet the state requirements for Praxis II, the performance based, novice teacher induction (Praxis III) exam, and initial teacher licensure.

Early Childhood Education P-4 (B.S.E.)

(Focus areas: inclusive education – 137 hours or early childhood education–134 hours)

The focus in inclusive early childhood education leads to licensure certification in early childhood and special education – grades Pre-K through 4. The focus in early childhood education (131 hours) leads to a single licensure certification in early childhood. The course work included in the Inclusive Early Childhood Program presents core knowledge of the profession, combining pedagogical and theoretical content with observational assessment. Students demonstrate a basic understanding of the early childhood profession and child development, incorporating that knowledge and understanding in various clinical experiences. Evidence and implementation of developmentally appropriate practices are included in all areas of the students' learning. The program emphasizes the uniqueness of each child, recognizing that children are best understood in the context of family, culture, society, and environment. To obtain a bachelor of science in education with a major in Early Childhood Education P-4, the student must earn at least a grade point average of 2.50 on all University credits, complete the required courses, and successfully pass the Praxis I (PPST) and, complete Praxis II tests required in each focus area, Early Childhood and Inclusive Early Childhood Special Education.

Students earning a B.S.E. in Early Childhood Education, P-4 complete either 137 or 134 hours that include the following requirements:

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 46 hours including:

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours from the following:

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Three hours (3) foreign Language

Literature/Philosophy – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics - 3 hours

MATH	1023	College Algebra
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Biological Science - 4 hours selected from the following:

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours selected from the following:

PHSC	2023/2021	The Physical Sciences/Lab (preferred course)
CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Health Science/Physical Education - 2 hours

HS	1403	Personal and Community Health (preferred course)
or		
PHED	1501	Concepts of Physical Activity and Wellness
and		
PHED	1__1	1 hour of activity elective (No credit is given for varsity athletic participation.)

Social Science – 12 hours3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

Other - 6 hours required

GEOG	2003	Introduction to Geography
PSCI	2003	American Government: National
PSYC	2003	General Psychology

Professional Requirements – 21 hours

ECE/IEC	2003	Child Growth and Development
EDUC	2000	Educational Field Experience I
EDUC	2003	Introduction to Education & Field Experience I
EDUC	2023	K-12 Education Technology
HIST	3083	History of Arkansas
HS	3413	First Aid and Safety/ CPR

MATH	2053	Math for Teachers I
MATH	2063	Math for Teachers II

Students are required to submit passing score for the Pre-Professional Skills Test (PPST / Praxis I) in order to apply for admission to the Teacher Education Program by March 15 to start Block I in the following fall semester.

Early Childhood Education Focus – 65 hours

Block I – 18 hours

ECE	3003	History, Philosophy, and Curriculum
ECE	3083	Early Childhood Field Experience I
ECE	3113	Integrated Curriculum and Methods
MATH	3053	Methods of Teaching Mathematics Pre K-4
SPED	3073	Survey of Exceptional Children
SPED	4043	Inclusive Education

Block II – 17 hours

ECE	3013	Learning Theory
ECE	3043	Emergent Literacy
ECE	3053	Organizing for Teaching and Learning
ECE	3093	Teaching Reading
ECE	4002	Early Childhood Field Experience II
ECE	4113	Early Childhood Assessment

Block III – 15 hours

ECE	3103	Children’s Literature and Social Studies
ECE	4003	Early Childhood Field Experience III
ECE	4033/4000	Science for Early Childhood Teacher/Lab
ECE	4043	Language Arts in Early Childhood
ECE	4053	Families, School and Communities

Block IV – 15 hours**

EDUC	4003	Student Teaching Seminar
ECE	4006	Student Teaching I
ECE	4016	Student Teaching II

**Students must take all Praxis II exams by October 15 prior to student teaching during the spring semester and by March 15 prior to student teaching during the fall semester.

Courses requiring admission to Professional Education

Inclusive Early Childhood Education Focus – 68 hours

Block I – 18 hours

IEC	3003	History, Philosophy, and Curriculum
IEC	3083	Inclusive Experiences I
IEC	3113	Integrated Curriculum and Methods
MATH	3053	Methods of Teaching Mathematics Pre K-4
SPED	3073	Survey of Exceptional Children

SPED 4043 Inclusive Education

Block II – 17 hours

IEC 3013 Learning Theory
IEC 3043 Emergent Literacy
IEC 3053 Organizing for Teaching and Learning
IEC 3093 Teaching Reading
IEC 4002 Inclusive Experiences II
IEC 4113 Early Childhood Assessment

Block III – 18 hours

IEC 3103 Children’s Literature and Social Studies
IEC 4003 Inclusive Experiences III
IEC 4033/4000 Science for Early Childhood Teacher/ Lab
IEC 4043 Language Arts in Early Childhood
IEC 4053 Families, School and Communities
SPED 4053 Curriculum and Instruction Planning P-4

Block IV– 15 hours**

EDUC 4003 Student Teaching Seminar
IEC 4006 Student Teaching I
IEC 4016 Student Teaching II

Inclusive Early Childhood Education Non-licensure (B.S.) –134 hours

Designed to meet the needs of early childhood professionals who currently work in or who plan to work in head start or day care centers. In addition, the program offers courses that prepare early childhood center owners and administrators. The IEC non-licensure degree follows the same program as the licensure program with the exception of the last semester, which includes IEC 4063 - Administration of Preschool Programs, IEC 4076 - Internship Placement I, and IEC 4083 - Internship Placement II.

Middle School Education

The major in middle school education leads to licensure to teach in grades four through eight. The program emphasizes the specific and unique characteristics of emerging adolescents. Students are grounded in a substantial body of professional knowledge, which focuses on the unique developmental, social, emotional, and cognitive characteristics of middle level students. Pre-service teachers in the Middle Level Education Program are involved in a wide range of clinical teaching and learning experiences with adolescents ranging from individual tutoring to the capstone student teaching semester. Students develop a personal understanding of the middle school concept and research-based pedagogical strategies. Teacher teaming, integrated thematic curriculum, cooperative learning, student advisory groups, exploratory courses, and student diversity are among the major themes integrated throughout the Middle Level Education Program.

The middle school license is a generalist license, which enables students to teach in all middle level content areas (math, science, language arts, and social studies). The dual focus area gives teachers special training to be more effective teachers in either a self-contained, multi-subject classroom or in a single or integrated subject classroom in their focus areas of either language arts/social studies or math/science.

Major in Middle School Education with an emphasis in Math and Science (B.S.E)

To obtain a bachelor of science in education majoring in Middle School Education with an emphasis in math and science, the student must earn at least a grade point average of 2.50 on all University credits, complete the required courses, and successfully complete the Praxis I and Praxis II tests.

Students earning a B.S.E. in Middle School Education with an emphasis in math and science complete 153 hours that includes the following requirements:

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 48 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Foreign Language

Literature – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II

Mathematics - 5 hours

MATH	1525	Calculus I
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Biological Science - 4 hours

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours

PHYS	2003/2001	General Physics I/Lab
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Health Science/Physical Education – 2-3 hours

HS	1403	Personal and Community Health
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or

PHED	1501	Concepts of Physical Activity and Wellness
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and

PHED	1__1	1 hour of activity elective (No credit is given for varsity athletic participation.)
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Social Science - 12 hours

3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

Other - 6 hours required

GEOG	2003	Introduction to Geography
PSYC	2003	General Psychology

Math – 21 hours

MATH	2033	Discrete Mathematics
MATH	2053	Math for Teachers I
MATH	2063	Math for Teachers II
MATH	3043	Introduction to Applied Probability and Statistics
MATH	4053	Higher Order Thinking in Mathematics
MATH	4293	Modern Math for Middle School Teachers
MATH	4393	Geometry for Elementary/Middle School Teachers

Science – 16 hours

BIOL	4013/4011	Ecology/Lab
CHEM	1013/1011	College Chemistry I/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	4003/4001	Astronomy/Lab

Social Studies – 12 hours

GEOG	3193	Political Geography
PSCI	3243	Modern American Politics
PSYC	4083	Adolescent Psychology

3 hours of upper-level history elective

Language Arts – 12 hours

ENGL	3103	Advanced Composition
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or

ENGL	4653	Creative Writing Workshop
ENGL	3043	Comparative English Grammar
ENGL	3683	Young Adult Literature

3 hours of upper-level literature elective

Professional Requirements - 6 hours

Courses required prior to admission to Teacher Education:

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
HIST	3083	History of Arkansas

Students are required to submit passing scores for the Pre-Professional Skills Test (PPST/Praxis I) in order to apply for admission to the Teacher Education Program by

October 15 for admission in the following spring semester and by March 15 to be admitted for the following fall semester.

Courses requiring admission to Teacher Education – 24 hours

EDUC	4043	Assessment, Evaluation, and Measurement
MSED	3043	Integrated Language Arts
MSED	3053	Integrated Curriculum
MSED	4013	The Middle School Concept
MSED	4023	Middle Level Field II
PHSC	3003/3000	Science for the Middle Level Teacher/Lab
S ED	3313	Methods and Materials in Secondary and Middle School Social Studies
SPED	4073	Survey of Exceptional Individuals

Student Teaching Block – 12 hours

EDUC	4003	Student Teaching Seminar
MSED	4006	Student Teaching I
MSED	4103	Student Teaching II

Major in Middle School Education with an emphasis in Language Arts and Social Studies (B.S.E)

To obtain a bachelor of science in education majoring in Middle School Education with an emphasis in language arts and social studies, the student must earn at least a grade point average of 2.50 on all University credits, complete the required courses, and successfully complete the Praxis I and Praxis II tests.

Students earning a B.S.E. in Middle School Education with an emphasis in language arts and social studies complete 155 hours that includes the following requirements:

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 48 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours

3 hours Foreign Language

3 hours selected from the following:

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II

Mathematics – 5-6 hours

MATH	1045	Pre-Calculus Mathematics
	or	
MATH	1023	College Algebra
	and	
MATH	1033	Plane Trigonometry

Biological Science - 4 hours

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours

PHSC	2023/2021	The Physical Sciences/Lab (preferred course)
CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Health Science/Physical Education – 2-3 hours

HS	1403	Personal and Community Health
	or	
PHED	1501	Concepts of Physical Activity and Wellness
	and	
PHED	1__1	1 hour of activity elective (No credit is given for varsity athletic participation.)

Social Science - 12 hours3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

Other - 6 hours required

GEOG	2003	Introduction to Geography
PSYC	2003	General Psychology

Math – 18 hours

MATH	2053	Math for Teachers I
MATH	2063	Math for Teachers II
MATH	3043	Introduction to Applied Probability and Statistics
MATH	4053	Higher Order Thinking in Mathematics
MATH	4293	Modern Math for Middle School Teachers
MATH	4393	Geometry for Elementary/Middle School Teachers

Science – 12 hours

BIOL	4013/4011	Ecology/Lab
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GEOL	1003/1001	Physical Geology/Lab
PHYS	4003/4001	Astronomy/Lab

Social Studies – 18 hours

GEOG	3193	Political Geography
PSCI	3243	Modern American Politics
PSYC	4083	Adolescent Psychology

6 hours of upper-level elective selected from the following
ECON, GEOG, HIST, PSCI, PSYC, SOC

or

HIST	1003	World History I*
HIST	1013	World History II*
HIST	2013	U.S. History I*
HIST	2023	U.S. History II*

(*if not used to fulfill general education requirement)

3 hours of upper-level history elective

Language Arts – 15 hours

ENGL	3103	Advanced Composition
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or

ENGL	4653	Creative Writing Workshop
ENGL	3043	Comparative English Grammar
ENGL	3683	Young Adult Literature

6 hours of upper-level literature elective

Professional Requirements - 6 hours

Courses required prior to admission to Teacher Education:

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
HIST	3083	History of Arkansas

Students are required to submit passing scores for the Pre-Professional Skills Test (PPST/Praxis I) in order to apply for admission to the Teacher Education Program by October 15 for admission in the following spring semester and by March 15 to be admitted for the following fall semester.

Courses requiring admission to Teacher Education – 24 hours

EDUC	4043	Assessment, Evaluation, and Measurement
MSED	3043	Integrated Language Arts
MSED	3053	Integrated Curriculum
MSED	4013	The Middle School Concept
MSED	4023	Middle Level Field II
PHSC	3003/3000	Science for the Middle Level Teacher/Lab
S ED	3313	Methods and Materials in Secondary and Middle School Social Studies
SPED	4073	Survey of Exceptional Individuals

Student Teaching Block – 12 hours

EDUC	4003	Student Teaching Seminar
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MSED	4006	Student Teaching I
MSED	4103	Student Teaching II

Students earning a fifth year graduate studies track toward a B.S.E. in Middle School Education with an emphasis in math and science complete 126 hours *plus 18 graduate hours needed for teaching certification (see Graduate Catalog) that includes the following requirements:*

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 48 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation
Foreign Language		

Literature – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II

Mathematics - 5 hours

MATH	1525	Calculus I
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Biological Science - 4 hours

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours

PHYS	2003/2001	General Physics I/Lab
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Health Science/Physical Education – 2-3 hours

HS	1403	Personal and Community Health
or		
PHED	1501	Concepts of Physical Activity and Wellness
and		
PHED		1 hour of activity elective (No credit is given for varsity athletic participation.)

Social Science - 12 hours

3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

Other - 6 hours required

GEOG	2003	Introduction to Geography
PSYC	2003	General Psychology

Math – 21 hours

MATH	2033	Discrete Mathematics
MATH	2053	Math for Teachers I
MATH	2063	Math for Teachers II
MATH	3043	Introduction to Applied Probability and Statistics
MATH	4053	Higher Order Thinking in Mathematics
MATH	4293	Modern Math for Middle School Teachers
MATH	4393	Geometry for Elementary/Middle School Teachers

Science – 16 hours

BIOL	4013/4011	Ecology/Lab
CHEM	1013/1011	College Chemistry I/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	4003/4001	Astronomy/Lab

Social Studies – 12 hours

GEOG	3193	Political Geography
PSCI	3243	Modern American Politics
PSYC	4083	Adolescent Psychology

3 hours of upper-level history elective

Language Arts – 12 hours

ENGL	3103	Advanced Composition
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or

ENGL	4653	Creative Writing Workshop
ENGL	3043	Comparative English Grammar
ENGL	3683	Young Adult Literature

3 hours of upper-level literature elective

Professional Requirements - 6 hours

Courses required prior to admission to Teacher Education:

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
HIST	3083	History of Arkansas

Students are required to submit passing scores for the Pre-Professional Skills Test (PPST/Praxis I) in order to apply for admission to the Teacher Education Program by October 15 for admission in the following spring semester and by March 15 to be admitted for the following fall semester.

Courses requiring admission to Teacher Education – 9 hours

MSED	3043	Integrated Language Arts
MSED	4023	Middle Level Field II
PHSC	3003/3000	Science for the Middle Level Teacher/Lab

For a complete list of the 18 additional graduate hours, refer to the Graduate Catalog (Graduate office – Nelson 226)

Students earning a fifth year graduate studies track toward a B.S.E. in Middle School Education with an emphasis in language arts and social studies complete 128 hours plus 18 graduate hours needed for teaching certification (see Graduate Catalog) that includes the following requirements:

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 48 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours

3 hours Foreign Language

Select 3 hours from the following

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II

Mathematics – 5-6 hours

MATH	1045	Pre-Calculus Mathematics
or		
MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry

Biological Science - 4 hours

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours

PHSC	2023/2021	The Physical Sciences/Lab (preferred course)
CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Health Science/Physical Education – 2-3 hours

HS	1403	Personal and Community Health
or		
PHED	1501	Concepts of Physical Activity and Wellness
and		
PHED	1__1	1 hour of activity elective (No credit is given for varsity athletic participation.)

Social Science - 12 hours3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

Other - 6 hours required

GEOG	2003	Introduction to Geography
PSYC	2003	General Psychology

Math – 18 hours

MATH	2053	Math for Teachers I
MATH	2063	Math for Teachers II
MATH	3043	Introduction to Applied Probability and Statistics
MATH	4053	Higher Order Thinking in Mathematics
MATH	4293	Modern Math for Middle School Teachers
MATH	4393	Geometry for Elementary/Middle School Teachers

Science – 12 hours

BIOL	4013/4011	Ecology/Lab
GEOL	1003/1001	Physical Geology/Lab
PHYS	4003/4001	Astronomy/Lab

Social Studies – 18 hours

GEOG	3193	Political Geography
PSCI	3243	Modern American Politics
PSYC	4083	Adolescent Psychology

6 hours of upper-level elective selected from the following
ECON, GEOG, HIST, PSCI, PSYC, SOC

or

HIST	1003	World History I*
HIST	1013	World History II*
HIST	2013	U.S. History I*
HIST	2023	U.S. History II*

(*if not used to fulfill general education requirement)

3 hours of upper-level history elective

Language Arts – 15 hours

ENGL 3103 Advanced Composition

or

ENGL	4653	Creative Writing Workshop
ENGL	3043	Comparative English Grammar
ENGL	3683	Young Adult Literature

6 hours of upper-level literature elective

Professional Requirements - 6 hours

Courses required prior to admission to Teacher Education:

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
HIST	3083	History of Arkansas

Students are required to submit passing scores for the Pre-Professional Skills Test (PPST/Praxis I) in order to apply for admission to the Teacher Education Program by October 15 for admission in the following spring semester and by March 15 to be admitted for the following fall semester.

Courses requiring admission to Teacher Education – 9 hours

MSED	3043	Integrated Language Arts
MSED	4023	Middle Level Field II
PHSC	3003/3000	Science for the Middle Level Teacher/Lab

For a complete list of the 18 additional graduate hours, refer to the Graduate Catalog (Graduate office – Nelson 226)

Secondary Education

The B.S.E leading to certification in Physical Education, Wellness and Leisure is the only P-8 and 7-12 program administered entirely through the College of Education. All other secondary and P-8 teaching areas require students to complete major course work (i.e., business, math, Spanish) within the respective college that offers the major in the specific teaching field. Additionally, within the College of Education teacher candidates will complete a secondary education minor and the professional semester which together are the certification track.

All P-8 and 7-12 teaching areas require that teacher candidates pass the Praxis I Reading, Writing, and Math exams (following Introduction to Education) prior to taking course work within the certification track. Teacher candidates must formally apply and be admitted to the Teacher Education Program prior to enrolling in certification track courses beyond Introduction to Education.

All teacher candidates must take the appropriate Praxis II exams prior to enrolling in the professional semester (Student Teaching and Seminar). Note that teacher candidates can complete the required courses for teacher certification without passing appropriate Praxis II exams. However, in order for candidates to be recommended for an initial teacher license, candidates must meet the Arkansas pass score for all required Praxis II exams. Candidates who complete all certification track courses but fail to pass the Praxis II exams may be recommended for a one-year provisional license.

Teacher candidates pursuing certification in fields which require a B.A., B.S. (not including Agricultural Education), or B.B.A, may graduate following completion of the respective major with a Secondary Education minor prior to completing the professional semester. However, teacher candidates are strongly encouraged to complete the entire certification track, including the professional semester prior to graduating with a bachelor's degree. Teacher candidates who choose to graduate prior to completing the professional semester may have complications with financial aid.

Teacher candidates pursuing P-8 and/or 7-12 certifications (with the exception of the B.S.E in Physical Education) will be assigned an advisor in both the College of Education and the college from which the major course work will be taken.

Eight-semester degree plans are catalogued according to the college in which the major course work is offered. The college and page number where each teaching field is listed are noted within the following list of teaching fields:

Bachelor of Science in Education (B.S.E)

Physical Education, Wellness and Leisure – (P-8): refer to College of Education section of catalog.

Physical Education, Wellness and Leisure – (7-12): refer to College of Education section of catalog.

Bachelor of Arts (B.A.)

Please refer to College of Liberal and Performing Arts section of the catalog for the following degrees:

English with a minor in Education (7-12)

French with a minor in Education (7-12)

Spanish with a minor in Education (7-12)

History with a minor in Education (7-12)

Bachelor of Business Administration (B.B.A)

Please refer to College of Business section of the catalog for the following degrees:

General Business with a minor in Education (7-12)

Bachelor of Science (B.S.)

Please refer to the College of Science and Technology section of the catalog for the following degrees:

Life/Earth Sciences with Education minor (7-12) – refer to the General Science Plan I (Biological Science Emphasis PACT 8)

Mathematics with Education minor (7-12)

Physical/Earth Science with Education minor (7-12) - refer to the General Science Plan I (Physical Science Emphasis PACT 8)
Agricultural Education (7-12)

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

Please refer to the College of Liberal and Performing Arts section of the catalog for the following degrees:

- Instrumental Music (P-8 and 7-12, combined program)
- Vocal Music (P-8 and 7-12, combined program)

Certification Track

(18 hours minor, and 9 hours student teaching and 3 hours seminar)

P-8 and 7-12 candidates must complete an appropriate major and complete the certification track to earn certification (recommendation for licensure) in English, foreign language, life/earth science, physical/earth science, math, social studies, or business. Students may graduate with a B.S., B.A., or B.B.A degree and a minor in education (requires admission to Teacher Education Program) prior to completing the professional semester.

Student Teaching I and II, and Seminar candidates will not be eligible for certification until the entire certification track is complete.

Education Minor – 18 Hours

Graduation with an education minor requires admission to the Teacher Education Program.

18 hours:

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I

Pass Praxis I: Math, Reading, and Writing: Acceptance into Teacher Education Program required to progress

SPED	4073	Survey of Exceptional Individuals
S ED	3003	Secondary and Middle School Curricula
EDUC	4043	Assessment, Evaluation, Measurement

3 hours of methods and materials in major content field (major requirement when appropriate)

S ED	4023	Supervised Field Experience Level II
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Professional Semester – 12 hours

Take Praxis II exams as mandated by ADE specific to content areas (i.e., math, social studies)

EDUC	4003	Student Teaching Seminar
S ED	4006	Student Teaching I
S ED	4103	Student Teaching II

When appropriate, methods and materials courses should count as major requirements.

Bachelor of Fine Arts

Those students who plan to teach art in the public schools may enroll into the Master of Arts in Teaching (M.A.T.) Program after earning their B.F.A. degree in art. The two-

year program is comprised of 30 hours of graduate coursework, followed by a year of teaching as a fully-employed teacher of record in a public school. The combination of online and face-to-face night classes makes this a convenient way to achieve the license for teaching art at any grade (P-12).

Department of Health, Kinesiology, and Recreation

Steve Dingman, M.Ed., chair

The Department of Health, Kinesiology, and Recreation offers four distinct educational programs for students:

1. Athletic Training
2. Exercise Science
3. Physical Education
4. Human Performance, Recreation and Community Service

Major in Athletic Training (B.S.) – 125 hours

To obtain a bachelor of science degree in athletic training, the student must be admitted to the University and to the Athletic Training Educational Program (ATEP), earn a minimum cumulative grade point average of 2.50, earn a minimum grade point average of 3.00 in the major courses, earn a B or better in all core athletic training courses, complete the pattern of courses listed below, and fulfill the field and clinical experience requirements of the Athletic Training Program. This program is a non-teaching degree and consists of two components: (1) The pre-professional component (usually freshman year or first year for transfer students) and (2) the professional component (sophomore through senior years). The didactic and clinical coursework in the curriculum are designed to educate the student in the art and science of athletic training over a four-year academic career. The clinical portion (professional component) of the ATEP starts the fall semester of the sophomore year for traditional students. ATEP courses must be taken in the proper sequence. Admission to the University does not automatically mean admission to ATEP. Admission procedures and criteria are subject to change. This degree requires 125 hours of academic credit. Upon completion of the athletic training degree, the student will be prepared to sit for the certifying exam administered by the Board of Certification (BOC). The ATEP is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Note: See program director for information on portfolio requirements for graduation.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 44 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts - 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature/Philosophy – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics - 3 hours selected from the following:

MATH	1023	College Algebra
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I

Biological Science - 4 hours selected from the following:

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours selected from the following:

CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHSC	2023/2021	The Physical Sciences/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Physical and Health Education - 3 hours

Courses are listed below under Major Requirements

Social Sciences - 12 hours

6 hours of history selected from the following:

HIST	1003	World History I*
HIST	1013	World History II*
HIST	2013	U.S. History I**
HIST	2023	U.S. History II**

Other- 6 hours:

PSYC	2003	General Psychology
PSCI	2003	American Government: National**

*All candidates are required to have three semester hours of World History by taking HIST 1003, World History I, HIST 1013 World History II, or equivalent.

**All candidates are required to complete either one three-hour course in United States history or American government.

Major Requirements – 79 hours

AT	1001	Gateway to Athletic Training
AT	1011	Aquatic Therapeutic Exercise
AT	1012	Taping and Bandaging
AT	1021	Strength and Conditioning
AT	2003	Evaluation of Upper Extremity
AT	2013	Evaluation of Lower Extremity
AT	2031	Clinical Experience I

AT	2041	Clinical Experience II
AT	3003	Therapeutic Modalities
AT	3012	Pathology of Athletic Injuries
AT	3013	Therapeutic Exercise
AT	3031	Clinical Experience III
AT	3041	Clinical Experience IV
AT	4003	Professional Healthcare Issues
AT	4013	Organization and Administration in Athletic Training
AT	4031	Clinical Experience V
AT	4041	Clinical Experience VI
BIOL	2003	Nutrition and Diet
ESCI	3003	Psychology of Motor Learning and Development
ESCI	4013	Biomechanics
ESCI	4333	Instrumentation and Physiological Assessment
ESCI	4363	Exercise Prescription and Fitness Program
HKR	4923	Measurement and Evaluation in HKR
HS	1403	Personal and Community Health
HS	2043	Human Anatomy and Physiology
HS	2443	Techniques in the Prevention and Care of Athletic Injuries
HS	3233	Kinesiology
HS	3413	First Aid and Safety/CPR
HS	4013	Adapted Kinesiology
HS	4023	Pharmacology in Sports
HS	4243	Physiology of Muscular Activity
HS	4433	Advanced Athletic Training Techniques

3 hours selected from the following:

CSCI	1102/1101	Introduction to Computing/Lab
EDUC	2023	K-12 Education Technology
MIS	1003	Introduction to Computers

Admissions Policies and Procedures

To be eligible for admittance into the Athletic Training Education Program at Southern Arkansas University, the student must have a health examination, sign a technical standards acknowledgment form, and meet the following criteria:

1. Be a full-time student at Southern Arkansas University.
2. Have completed the following courses in the fall semester of the pre-professional year with a grade of *B* or better in the following:
 - a. AT 1001 Gateway to Athletic Training;
 - b. HS 1403 Personal and Community Health;
 - c. and HS 3413 First Aid and Safety/CPR.
3. Have completed the required observation hours (120) as outlined in AT 1001.
4. Have maintained a grade point average of 2.50 or better on a 4.00 scale for the fall semester.
5. Have current CPR/First Aid/AED certification from ARC or equivalent.

Students who complete the above requirements are eligible to apply for admission into the Athletic Training Education Program at Southern Arkansas University. The competitive admission process starts with the achievement of the above requirements and

continues with the steps listed below. All application materials will be distributed during the Gateway to Athletic Training Course. For further information, students may reference the ATEP policy and procedures manual.

1. The student must complete the application form.
2. The student must write a brief summary of professional goals and objectives, indicating sincere interest in and commitment to athletic training as a profession.
3. The student must obtain three character reference forms. One reference must be from an SAU faculty member (the SAU Athletic Training staff/faculty is excluded).
4. The student must interview with the ATEP selection committee.
5. The student must maintain education in the spring semester of the pre-professional year in the following courses:
 - a. AT 1012 Taping and Bandaging
 - b. AT 1011 Aquatic Exercise
 - c. HS 2443 Techniques in the Prevention and Care of Athletic Injuries.
6. The student must show progress toward keeping the minimum 2.50 grade point average as indicated by mid-semester grades during the spring term.

Acceptance

1. All forms and attachments must be turned in to the ATEP director by the third Monday in January, at which time an interview will be scheduled.
 - a. Considerations may include the above criteria, the applicant's background experiences, the applicant's attendance during the pre-professional courses, and other related criteria.
2. The ATEP committee will accept a number of students so as to maintain an acceptable ratio of athletic training students to athletic training faculty. All students who complete the above process will be notified by March 15 as to their acceptance into the ATEP, which starts during the fall semester for traditional students.
3. The ATEP committee will handle transfer students on an individual basis following the guidelines established in the Program's Policy and Procedures Manual.
4. Students not accepted into the ATEP will not be allowed to follow the Bachelor of Science degree plan for athletic training.

Additional Student Costs

(Above normal tuition and fees)

Costs to the students:

\$11 (annually)

CPR/AED card

Lab fee for the following:

\$10

AT 1012-Taping and Bandaging

\$10

AT 2031-Clinical Experience #1

\$10

AT 2041-Clinical Experience #2

\$10

AT 3031-Clinical Experience #3

\$10

AT 3041-Clinical Experience #4

\$10

AT 4031-Clinical Experience #5

\$10

AT 4041-Clinical Experience #6

\$20 (annually)

Membership in Southern Arkansas University Training Student Club

\$20 (annually)

Membership in Arkansas Athletic Trainers Association

\$75 (annually)	Membership in National Athletic Trainers Association
\$100 (per shot)	Hepatitis B Shots (series of three (3) shots)

Membership in professional organizations beyond the local organization is not required, but is encouraged.

Students are required to attend two different professional meetings. The cost of attendance will vary depending on the meeting attended and the location of the meeting. Students are encouraged to attend the AATA annual meeting because of the low cost to students. Students are required to complete rotations at off-campus locations (including El Dorado) which will require travel. The cost of traveling to off-campus locations is the responsibility of the individual student and will not be reimbursed by Southern Arkansas University or the Athletic Training Education Program

Major in Exercise Science (B.S.) - 126 hours

Exercise Science is a dynamic educational program that incorporates health related fitness programming and clinical experiences. A student in Exercise Science has a wide variety of professional opportunities, including personal training, exercise leadership, program direction, and clinical careers in cardiopulmonary rehabilitation. *Students meet the eligibility requirements to take the American College of Sports Medicine's certification exams (health and fitness specialists and/or clinical exercise specialist) during their last semester of coursework.* The program requirements also allow students to continue educational pursuits at the graduate level, if desired. To obtain a bachelor of science degree with a major in Exercise Science, the student must earn a minimum grade point average of 2.50 in the major, complete the pattern of course listed on the following page, and meet the departmental portfolio requirements for their degree program as a requirement for graduation.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 44 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts - 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature/Philosophy – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics - 3 hours selected from the following:

MATH	1003	College Mathematics
MATH	1023	College Algebra
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I

Biological Science - 4 hours selected from the following:

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours selected from the following:

CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHSC	2023/2021	The Physical Sciences/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Physical and Health Education - 3 hours

Courses are listed below under Major Requirements

Social Sciences - 12 hours

6 hours of history selected from the following:

HIST	1003	World History I*
HIST	1013	World History II*
HIST	2013	U.S. History I**
HIST	2023	U.S. History II**

6 hours selected from the following:

ECON	2103	Principles of Microeconomics
or		
FIN	2003	Personal Finance
GEOG	2003	Introduction to Geography
PSCI	2003	American Government: National
PSYC	2003	General Psychology
SOC	1003	General Anthropology
or		
SOC	2003	Introduction to Sociology

*All candidates are required to have three semester hours of world history by taking HIST 1003, World History I, HIST 1013 World History II, or equivalent.

**All candidates are required to complete either one three-hour course in United States history or American government.

Major Requirements – 80 hours

EDUC	2023	K-12 Education Technology
	or	
CSCI	1102/1101	Introduction to Computing/Lab
	or	
MIS	1003	Introduction to Computers
AT	3013	Therapeutic Exercise
ESCI	3003	Psychology of Motor Learning and Development
ESCI	4013	Biomechanics
ESCI	4333	Instrumentation and Physiological Assessment
ESCI	4363	Exercise Prescription and Fitness Program
ESCI	4652	Exercise Science Practicum I
ESCI	4676	Exercise Science Practicum II
ESCI	4686	Exercise Science Practicum III
HKR	1113	Methods of Teaching Individual/Dual Activities
HKR	1123	Methods of Teaching Team Activities
HKR	3803	Lifeguarding/Water Safety for Advanced Swimmers
HKR	4323	Organization and Administration in Health, Kinesiology, and Recreation
HKR	4923	Measurement and Evaluation in Health, Kinesiology, and Recreation
HS	1403	Personal and Community Health
HS	2043	Human Anatomy and Physiology
HS	3233	Kinesiology
HS	3413	First Aid and Safety/CPR
HS	4013	Adapted Kinesiology
HS	4023	Pharmacology in Sports
HS	4243	Physiology of Muscular Activity
REC	3653	Leadership in Recreation
REC	3663	Leisure and Aging

6 hours of electives selected from the following:

AT	1011	Aquatic Therapeutic Exercise
AT	1021	Strength/Conditioning
BIOL	2003	Nutrition and Diet
ECON	1003	The American Enterprise System
HS	4433	Advanced Athletic Training Techniques
PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab
PSYC	3223	Developmental Psychology

Teaching Major in P-12 Physical Education Wellness and Leisure (B.S.E.) – 129 hours

To obtain a bachelor of science in education degree with a major in Physical Education, Wellness and Leisure, candidates must earn a minimum cumulative grade point average of 2.50 in his/her major and supporting field (if any), and complete the pattern of courses listed below. Licensure areas include P-8 and 7-12. The candidate must also meet the departmental portfolio requirement to graduate.

Admissions Policies and Procedures

To be eligible for admittance into the Physical Education major program, the potential candidate must apply for acceptance, be on track and making progress in general education required courses, and have completed a minimum of 25 credit hours that demonstrate progression on the identified degree plan. HKR 1113 and 1123 are to be completed prior to acceptance. The potential candidate must submit their introductory portfolio as a requirement in HS 2043 and receive an acceptable or target rating to complete admittance to the program.

General and Teacher Education Requirements

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 41 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts – 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature/Philosophy - 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics - 3 hours selected from the following:

MATH	1023	College Algebra
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I

Biological Science - 4 hours selected from the following:

BSCI	1013/1011	The Biological Sciences/Lab
BIOL	1103/1101	Introduction to Biology/Lab

Physical Science - 4 hours selected from the following:

CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1133/1131	Chemistry in Society/Lab
GEOL	1003/1001	Physical Geology/Lab
PHSC	2023/2021	The Physical Sciences/Lab
PHYS	2003/2001	General Physics I/Lab
PHYS	2203/2201	University Physics I/Lab

Physical and Health Education - 3 hours

Courses are included in the Major Requirements

Social Science - 9 hours

3 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

and

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II

and

PSCI	2003	American Government: National
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Students *must* complete the PRAXIS I Test and apply for admission to the College of Education.

Teacher Education - 35 hours

EDUC	2000	Introduction to Education and Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
EDUC	2023	K-12 Education Technology
EDUC/PSYC	3013	Educational Psychology
PSYC	3123	Child Psychology
S ED	3003	The Secondary and Middle School Curricula

Courses requiring admission to Teacher Education

E ED	3703	Methods and Materials in Kinesiology for Elementary Schools
S ED	3302	Supervised Field Experience – HKR
and/or		
E ED	3112	Observation-Participation in Elementary Kinesiology Programs

(These are companion courses for elementary and secondary methods. Students should select the course at the level in which they plan to apply for licensure.)

S ED	3723	Methods and Materials in Health, Kinesiology, and Recreation Secondary and Middle School
EDUC	4003	Student Teaching Seminar
S ED	4006	Student Teaching I (Student Teaching Block)
E ED	4103	Student Teaching II

Physical Education, Wellness and Leisure P-12 Major - 51 hours

ESCI	3003	Psychology of Motor Learning and Development
HKR	1113	Methods of Teaching Individual/Dual Activities
HKR	1123	Methods of Teaching Team Activities
HKR	3803	Lifeguarding/Water Safety for Advanced Swimmers
HKR	3882	Theory and Techniques in Rhythm Activities
HKR	4102	Professionalism and Leadership in HKR
HKR	4323	Organization and Administration of Health, Kinesiology, and Recreation
HKR	4343	History and Philosophy of Health, Kinesiology, and Recreation
HKR	4923	Measurement and Evaluation in Health, Kinesiology, and Recreation
or		
EDUC	4043	Assessment, Evaluation, and Measurement (with the permission of the HKR chair)
HS	1403	Personal and Community Health
HS	2043	Human Anatomy and Physiology
HS	3233	Kinesiology
HS	3413	First Aid and Safety/CPR
HS	4013	Adapted Kinesiology
HS	4243	Physiology of Muscular Activity
HS	4413	Health Education in the Schools
REC	3613	School and Community Recreation

2 hours selected from the following:

HKR	2812	Theory and Fundamentals of Basketball
HKR	2822	Theory and Fundamentals of Football
HKR	3832	Theory and Fundamentals of Baseball
HKR	3842	Theory and Fundamentals of Track and Field
HKR	3852	Theory and Fundamentals of Tennis and Volleyball
REC	2712/2710	Organization and Administration of Intramural Sports/Lab
REC	3642	Camping and Camp Counseling

Physical Education, Wellness and Leisure 7-12 Minor- 21 hours

E ED	3703	Methods and Materials in Kinesiology for Elementary Schools
ESCI	3003	Psychology of Motor Learning and Development
HKR	1113	Methods of Teaching Individual/Dual Activities
or		
HKR	1123	Methods of Teaching Team Activities
HS	2043	Human Anatomy and Physiology
HS	4013	Adapted Kinesiology
HS	4323	Organization and Administration of Health, Kinesiology, and Recreation
S ED	3723	Methods and Materials in Health, Kinesiology, and Recreation

Health Education as a minor - 18 hours

BIOL	2003	Nutrition and Diet
HS	1403	Personal and Community Health
HS	2043	Human Anatomy and Physiology
HS	3413	First Aid and Safety/CPR
HS	4323	Organization and Administration of Health, Kinesiology, and Recreation
HS	4413	Health Education in the School

Endorsements**Coaching Endorsement**

Those planning to coach must qualify for an endorsement in coaching. The State Department of Education requirements for coaching licensure (endorsement) include holding a certificate to teach high school physical education or holding, or being eligible to hold, the standard six-year licensure and meeting the requirements listed below:

ESCI	3003	Psychology of Motor Learning and Development
HS	2043	Anatomy and Physiology
HS	2443	Techniques in the Prevention and Care of Athletic Injuries
HS	3233	Kinesiology
HS	3413	First Aid and Safety/CPR
HKR	4323	Organization and Administration of Health, Kinesiology, and Recreation

4 hours selected from the following:

HKR	2812	Theory and Fundamentals of Basketball
HKR	2822	Theory and Fundamentals of Football
HKR	3842	Theory and Fundamentals of Track and Field

Driver Education Endorsement Program

To obtain an endorsement in driver education, the student must hold, or be eligible to hold, a teaching certificate and must successfully complete the courses listed below:

HKR	4113	Driver Education I
HKR	4123	Advanced Driver Education and Traffic Safety II
HS	3413	First Aid and CPR
HS	3421	Basic Care and Prevention of Injuries

Major in Human Performance, Recreation, and Community Service (B.S.) – 128 hours

To obtain a bachelor of science degree with a major in human performance, recreation, and community service, the student must earn a minimum grade point average of 2.00 in the major, complete the pattern of courses listed below, and choose the electives which would support the occupational directions being pursued. This program is a non-teaching degree. The student must also meet the departmental portfolio for their program as a requirement for graduation.

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education – 44 hours

English/Communication - 9 hours

ENGL 1113 Composition I
ENGL 1123 Composition II
SPCH 1113 Introduction to Public Speaking

Fine Arts – 6 hours

ART 2013 Art Appreciation
HUM 2003 Film Appreciation
MUS 2013 Music Appreciation

Literature/Philosophy - 6 hours

ENGL 2213 World Literature I
ENGL 2223 World Literature II
PHIL 2403 Introduction to Philosophy

Mathematics - 3 hours selected from the following:

MATH 1003 College Mathematics
MATH 1023 College Algebra
MATH 1045 Pre-Calculus Mathematics
MATH 1525 Calculus I

Biological Science - 4 hours selected from the following:

BSCI 1013/1011 The Biological Sciences/Lab
BIOL 1103/1101 Introduction to Biology/Lab

Physical Science - 4 hours selected from the following:

CHEM 1013/1011 College Chemistry I/Lab
CHEM 1023/1021 University Chemistry I/Lab
CHEM 1133/1131 Chemistry in Society/Lab
GEOL 1003/1001 Physical Geology/Lab
PHSC 2023/2021 The Physical Sciences/Lab
PHYS 2003/2001 General Physics I/Lab
PHYS 2203/2201 University Physics I/Lab

Physical and Health Education - 3 hours

Courses are included in the Major Requirements

Social Science - 12 hours

3 hours selected from the following:

HIST 1003 World History I
HIST 1013 World History II

and

3 hours selected from the following:

HIST 2013 U.S. History I
HIST 2023 U.S. History II

and

Other - 6 hours

PSYC	2003	General Psychology
SOC	2003	Introduction to Sociology

Requirements - 64 hours plus 18 emphasis hours to equal 82 hours

Major requirements include the following:

EDUC	2023	K-12 Education Technology
ESCI	3003	Psychology of Motor Learning and Development
HS	1403	Personal and Community Health
HS	2043	Human Anatomy and Physiology
HS	3413	First Aid and Safety/CPR
HKR	1113	Methods of Teaching Individual/Dual Activities
HKR	1123	Methods of Teaching Team Activities
HKR	3703	Methods and Materials in Kinesiology for Elementary Schools
HKR	3723	Methods and Materials in Kinesiology for Secondary Schools
HKR	3803	Lifeguarding/Water Safety for Advanced Swimmers
HKR	4323	Organization and Administration of Health, Kinesiology, and Recreation
HKR	4343	History and Philosophy of Health, Kinesiology, and Recreation
REC	2712/2710	Organization and Administration of Intramural Sports/Lab
REC	2723	Fall Outdoor Recreational Activities
REC	2733	Spring Outdoor Recreational Activities
REC	3613	School and Community Recreation
REC	3642	Camping and Camp Counseling
REC	3653	Leadership in Recreation
REC	3663	Leisure and Aging
REC	4652*	Recreation Practicum I
REC	4663*	Recreation Practicum II

4 hours selected from the following:

HKR	2812	Theory and Fundamentals of Basketball
HKR	2822	Theory and Fundamentals of Football
HKR	3832	Theory and Fundamentals of Baseball
HKR	3842	Theory and Fundamentals of Track and Field
HKR	3852	Theory and Fundamentals of Tennis and Volleyball
HKR	3882	Theory and Techniques in Rhythm Activities

*REC 4652 and REC 4663 may be any of the following experiences:

- Area Public School Athletic Programs
- Boys' and Girls' Club
- Church or community group programs or activities
- Columbia County Nutrition and Aging Program, Inc.
- Leisure Lodge or Magnolia Manor
- Logoly State Park (McNeil)
- Magnolia Parks and Recreation Program
- Scouting Program

Southern Arkansas University Athletic Program
 South Arkansas Youth Services, Inc.
 Southern Arkansas University Intramural Program
 Southern Arkansas University Wellness Program
 Any Chair-Approved Agency

Human Performance, Recreation, and Community Service – Majors must select **one** of the two emphasis areas to complete major - 18 hours

Sport Management Emphasis

CRJU	3003	Cultural Diversity
MKTG	3033	Principles of Marketing
REC	3623	Psychology of Sport
REC	3633	Sport Promotion/Financial Management
REC	4003	Facility and Event Management
REC	4013	Legal and Ethical Issues in Sports

Community Service Emphasis

CRJU	2003	Introduction to Criminal Justice
CRJU	3003	Cultural Diversity
CRJU	3073	Corrections
SWK	2043	Introduction to Social Work
SWK	2053	Community Service Learning Experience

3 hours selected from the following:

PSYC	4003	Domestic Violence
PSYC	4033	Abnormal Psychology
PSYC	4083	Adolescent Psychology

Minor in Human Performance, Recreation, and Community Service (B.A., B.B.A., B.S.) - 19 hours

HKR	4323	Organization and Administration of Health, Kinesiology, and Recreation
REC	2712/2710	Organization and Administration of Intramural Sports/lab
REC	2723	Fall outdoor Recreational Activities
REC	2733	Spring Outdoor Recreational Activities
REC	3613	School and Community Recreation
REC	3653	Leadership in Recreation
REC	4652	Recreation Practicum I

Minor in Exercise Science - 20 hours

ESCI	3003	Psychology of Motor Learning
ESCI	4013	Biomechanics
ESCI	4333	Instrumentation and Physiological Assessment
ESCI	4652	Exercise Science Practicum I
HS	2043	Human Anatomy and Physiology
HS	3233	Kinesiology
HS	4023	Pharmacology in Sports

Since this is a highly specialized area, it is strongly suggested that the following courses be taken as foundational course work electives: BIOL 2003, HS 1403, HS 3413, HS 4243, and HS 4023.

College of Education
PACT 8 Degree Plans

Early Childhood Education P-4 Focus (B.S.E.)

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U. S. History I or II	3
GSTD 1002 Freshman Seminar	2	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021 (Recommended), PHYS 2003/2001, or PHYS 2203/2201)	4
HIST 1003 or 1013 World History I or II	3	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	EDUC 2023 K-12 Education Technology	3
Biology Science choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4	ECE 2003 Child Growth and Development	3
MATH 2053 Math for Teachers I	3	MATH 2063 Math for Teachers II	3
HS 3413 First Aid and Safety/CPR	3	HIST 3083 History of Arkansas	3
PHED 1501 Activity and Wellness	1	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
Total Semester Hours	17	Total Semester Hours	18
Fall - Semester 5		Spring - Semester 6	
Formal admission to Teacher Education including passing Praxis I exam.		ECE 4113 Early Childhood Assessment	3
ECE 3003 History, Philosophy and Curriculum	3	ECE 3013 Learning Theory	3
ECE 3083 Inclusive Experiences I	3	ECE 3043 Emergent Literacy	3
ECE 3113 Integrated Curriculum and Methods	3	ECE 3053 Organizing for Teaching and Learning	3
SPED 3073 Survey of Exceptional Children	3	ECE 3093 Teaching Reading	3
SPED 4043 Inclusive Education	3	ECE 4002 Inclusive Experiences II	1
MATH 3053 Methods of Teaching Mathematics Pre K-4	3		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
ECE 3103 Children's Literature and Social Studies	3	EDUC 4003 Student Teaching Seminar	3
ECE 4003 Inclusive Experiences III	3	ECE 4006 Student Teaching I	6
ECE 4033/4000 Science for Early Childhood Teacher/Lab	3	ECE 4016 Student Teaching II	6
ECE 4043 Language Arts in Early Childhood	3		
ECE 4053 Families, School and Communities	3		
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 134

Early Childhood Education with Inclusive Focus (B.S.E.)

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U. S. History I or II	3
GSTD 1002 Freshman Seminar	2	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021 (Recommended), PHYS 2003/2001, or PHYS 2203/2201)	4
HIST 1003 or 1013 World History I or II	3	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	EDUC 2023 K-12 Education Technology	3
Biology Science choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4	IEC 2003 Child Growth and Development	3
MATH 2053 Math for Teachers I	3	MATH 2063 Math for Teachers II	3
HS 3413 First Aid and Safety/CPR	3	HIST 3083 History of Arkansas	3
PHED 1501 Activity and Wellness	1	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
Total Semester Hours	17	Total Semester Hours	18
Fall - Semester 5		Spring - Semester 6	
Formal admission to Teacher Education including passing Praxis I exam.		IEC 4113 Early Childhood Assessment	3
IEC 3003 History, Philosophy and Curriculum	3	IEC 3013 Learning Theory	3
IEC 3083 Inclusive Experiences I	3	IEC 3043 Emergent Literacy	3
IEC 3113 Integrated Curriculum and Methods	3	IEC 3053 Organizing for Teaching and Learning	3
SPED 3073 Survey of Exceptional Children	3	IEC 3093 Teaching Reading	3
SPED 4043 Inclusive Education	3	IEC 4002 Inclusive Experiences II	1
MATH 3053 Methods of Teaching Mathematics Pre K-4	3		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
IEC 3103 Children's Literature and Social Studies	3	EDUC 4003 Student Teaching Seminar	3
IEC 4003 Inclusive Experiences III	3	IEC 4006 Student Teaching I	6
IEC 4033/4000 Science for Early Childhood Teacher/Lab	3	IEC 4016 Student Teaching II	6
IEC 4043 Language Arts in Early Childhood	3		
IEC 4053 Families, School and Communities	3		
SPED 4053 Curriculum and Instruction Planning P-4	3		
Total Semester Hours	18	Total Semester Hours	15

Total hours required for major – 137

**Inclusive Early Childhood Education
Non-Licensure Program (B.S.)**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U. S. History I or II	3
GSTD 1002 Freshman Seminar	2	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021 (Recommended), PHYS 2003/2001, or PHYS 2203/2201)	4
HIST 1003 or 1013 World History I or II	3	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	EDUC 2023 K-12 Education Technology	3
Biology Science choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4	IEC 2003 Child Growth and Development	3
MATH 2053 Math for Teachers I	3	MATH 2063 Math for Teachers II	3
HS 3413 First Aid and Safety/CPR	3	HIST 3083 History of Arkansas	3
PHED 1501 Activity and Wellness	1	GEOG 2003 Introduction to Geography or PSCI 2003 American Government: National or PSYC 2003 General Psychology	3
Total Semester Hours	17	Total Semester Hours	18
Fall - Semester 5		Spring - Semester 6	
Formal admission to Teacher Education including passing Praxis I exam.		IEC 4113 Early Childhood Assessment	3
IEC 3003 History, Philosophy and Curriculum	3	IEC 3013 Learning Theory	3
IEC 3083 Inclusive Experiences I	3	IEC 3043 Emergent Literacy	3
IEC 3113 Integrated Curriculum and Methods	3	IEC 3053 Organizing for Teaching and Learning	3
SPED 3073 Survey of Exceptional Children	3	IEC 3093 Teaching Reading	3
SPED 4043 Inclusive Education	3	IEC 4002 Inclusive Experiences II	2
MATH 3053 Methods of Teaching Mathematics Pre K-4	3		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
IEC 3103 Children's Literature and Social Studies	3	IEC 4063 Administration of Preschool Programs	3
IEC 4003 Inclusive Experiences III	3	IEC 4076 Internship Placement I	6
IEC 4033/4000 Science for Early Childhood Teacher/Lab	3	IEC 4083 Internship Placement II	3
IEC 4043 Language Arts in Early Childhood	3		
IEC 4053 Families, School and Communities	3		
SPED 4053 Curriculum and Instruction Planning P-4	3		
Total Semester Hours	18	Total Semester Hours	12

Total hours required for major – 134

**Middle School Education (B.S.E.)
Math/Science**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab	4
HIST 2013 or 2023 U. S. History I or II	3	HIST 1003 or 1013 World History I or II	3
MATH 1525 Calculus I	5	PSYC 2003 General Psychology	3
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GEOG 2003 Introduction to Geography	3	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
MATH 2053 Math for Teachers I	3	ENGL 2223 World Literature II	3
PHED 1501 Activity and Wellness	1	Math 2063 Math for Teachers II	3
PHYS 2003/2001 General Physics I/Lab	4	MATH 3043 Introduction to Applied Probability and Statistics	3
		PHED 1__1 PE Activity	1
Total Semester Hours	14	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
Formal Admission to Teacher Education including passing Praxis I exams		ENGL 3043 Comparative English Grammar	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	PHSC 3003/3000 Science for Middle Level Teacher/Lab	3
MSED 3053 Integrated Curriculum	3	Math 2033 Discrete Math	3
ENGL 3103 Advanced Composition (even yrs)	3	MATH 4053 Higher Order Thinking in Mathematics	3
MSED 4013 The Middle School Concept	3	PHYS 4003/4001 Astronomy/Lab	4
HIST 3083 History of Arkansas	3		
MATH 4393 Geometry for Elementary/Middle School Teachers	3		
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
GEOG 3193 Political Geography	3	BIOL 4013/4011 Ecology/Lab	4
GEOL 1003/1001 Physical Geology/Lab	4	EDUC 4043 Assessment, Evaluation, and Measurement	3
MSED 3043 Integrated Language Arts	3	ENGL 3683 Young Adult Literature (odd yrs)	3
PSYC 4083 Adolescent Psychology	3	MATH 4293 Modern Math for Middle School Teachers	3
UL Literature Elective	3	PSCI 3243 Modern American Politics	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 9		Spring - Semester 10	
MSED 4023 Middle Level Field II	3	Completion of Praxis II exams required	
S ED 3313 Methods/Materials in Secondary and Middle School Social Studies	3	EDUC 4003 Student Teaching Seminar	3
SPED 4073 Survey of Exceptional Individuals	3	MSED 4006 Student Teaching I	6
UL History Elective	3	MSED 4103 Student Teaching II	3
Total Semester Hours	12	Total Semester Hours	12

Total hours required for major – 153

**Middle School Education (B.S.E.)
Language Arts/Social Studies**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Foreign Language	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
HIST 2013 or 2023 U. S. History I or II	3	HIST 1003 or 1013 World History I or II	3
MATH 1045 Pre-Calculus Mathematics	5	PSYC 2003 General Psychology	3
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GEOG 2003 Introduction to Geography	3	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
GEOL 1003/1001 Physical Geology/Lab	4	ENGL 2223 World Literature II	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Math 2063 Math for Teachers II	3
MATH 2053 Math for Teachers I	3	MATH 3043 Introduction to Applied Probability and Statistics	3
PHED 1501 Activity and Wellness	1	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
Formal Admission to Teacher Education including passing Praxis I exams		ENGL 3043 Comparative English Grammar	3
MSED 3053 Integrated Curriculum	3	MATH 4053 Higher Order Thinking in Mathematics	3
ENGL 3103 Advanced Composition (even yrs)	3	PHSC 3003/3000 Science for Middle Level Teacher/Lab	3
MSED 4013 The Middle School Concept	3	PHYS 4003/4001 Astronomy/Lab	4
HIST 3083 History of Arkansas	3	UL Elective (ECON, GEOG, HIST, PSCI, PSYC, SOC) *	3
MATH 4393 Geometry for Elementary/Middle School Teachers	3		
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
GEOG 3193 Political Geography	3	BIOL 4013/4011 Ecology/Lab	4
MSED 3043 Integrated Language Arts	3	EDUC 4043 Assessment, Evaluation, and Measurement	3
PSYC 4083 Adolescent Psychology	3	ENGL 3683 Young Adult Literature (odd yrs)	3
UL Elective (ECON, GEOG, HIST, PSCI, PSYC, SOC) *	3	MATH 4293 Modern Math for Middle School Teachers	3
UL Literature Elective	3	PSCI 3243 Modern American Politics	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 9		Spring - Semester 10	
MSED 4023 Middle Level Field II	3	Completion of Praxis II exams required	
S ED 3313 Methods/Materials in Secondary and Middle School Social Studies	3	EDUC 4003 Student Teaching Seminar	3
SPED 4073 Survey of Exceptional Individuals	3	MSED 4006 Student Teaching I	6
UL History Elective	3	MSED 4103 Student Teaching II	3
UL Literature Elective	3		
Total Semester Hours	15	Total Semester Hours	12

Total hours required for major – 155

*Can take HIST 1003, 1013, 2013 or 2023 if not used to fulfill general education requirement.

Middle School Education (B.S.E.)

Language Arts/Social Studies with Fifth Year Graduate Studies Track

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Foreign Language	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
HIST 2013 or 2023 U. S. History I or II	3	HIST 1003 or 1013 World History I or II	3
MATH 1045 Pre-Calculus Mathematics	5	PSYC 2003 General Psychology	3
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GEOG 2003 Introduction to Geography	3	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
GEOL 1003/1001 Physical Geology/Lab	4	ENGL 2223 World Literature II	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Math 2063 Math for Teachers II	3
MATH 2053 Math for Teachers I	3	MATH 3043 Introduction to Applied Probability and Statistics	3
PHED 1501 Activity and Wellness	1	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
Formal Admission to Teacher Education including passing Praxis I exams		ENGL 3043 Comparative English Grammar	3
ENGL 3103 Advanced Composition (even yrs)	3	MATH 4053 Higher Order Thinking in Mathematics	3
MSED 3043 Integrated Language Arts	3	PHSC 3003/3000 Science for Middle Level Teacher/Lab	3
UL History Elective	3	PHYS 4003/4001 Astronomy/Lab	4
UL Literature Elective	3	UL Elective (ECON, GEOG, HIST, PSCI, PSYC, SOC) *	3
MATH 4393 Geometry for Elementary/Middle School Teachers	3		
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
GEOG 3193 Political Geography	3	BIOL 4013/4011 Ecology/Lab	4
HIST 3083 History of Arkansas	3	ENGL 3683 Young Adult Literature (odd yrs)	3
MSED 4023 Middle Level Field II	3	MATH 4293 Modern Math for Middle School Teachers	3
PSYC 4083 Adolescent Psychology	3	PSCI 3243 Modern American Politics	3
UL Elective (ECON, GEOG, HIST, PSCI, PSYC, SOC) *	3	UL Literature Elective	3
Total Semester Hours	15	Total Semester Hours	16

Total hours required for major – 128

*Can take HIST 1003, 1013, 2013 or 2023 if not used to fulfill general education requirement.

See Graduate Catalog for the 18 hours of graduate courses needed for teacher certification.

**Middle School Education (B.S.E.)
Math/Science with Fifth Year Graduate Studies Track**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab	4
HIST 2013 or 2023 U. S. History I or II	3	HIST 1003 or 1013 World History I or II	3
MATH 1525 Calculus I	5	PSYC 2003 General Psychology	3
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GEOG 2003 Introduction to Geography	3	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	ENGL 2223 World Literature II	3
MATH 2053 Math for Teachers I	3	Math 2063 Math for Teachers II	3
PHED 1501 Activity and Wellness	1	MATH 3043 Introduction to Applied Probability and Statistics	3
PHYS 2003/2001 General Physics I/Lab	4	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
Formal Admission to Teacher Education including passing Praxis I exams		ENGL 3043 Comparative English Grammar	3
ENGL 3103 Advanced Composition (even yrs)	3	Math 2033 Discrete Math	3
GEOG 3193 Political Geography	3	MATH 4053 Higher Order Thinking in Mathematics	3
GEOL 1003/1001 Physical Geology/Lab	4	PHSC 3003/3000 Science for Middle Level Teacher/Lab	3
MATH 4393 Geometry for Elementary/Middle School Teachers	3	PHYS 4003/4001 Astronomy/Lab	4
MSED 3043 Integrated Language Arts	3		
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
HIST 3083 History of Arkansas	3	BIOL 4013/4011 Ecology/Lab	4
MSED 4023 Middle Level Field II	3	ENGL 3683 Young Adult Literature (odd yrs)	3
PSYC 4083 Adolescent Psychology	3	MATH 4293 Modern Math for Middle School Teachers	3
UL Literature Elective	3	PSCI 3243 Modern American Politics	3
UL History Elective	3		
Total Semester Hours	15	Total Semester Hours	13

Total hours required for major – 126

See Graduate Catalog for the 18 hours of graduate courses needed for teacher certification.

Bachelor of Science - Athletic Training

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	AT 1012 Taping and Bandaging	2
HS 1403 Personal and Community Health	3	AT 1011 Aquatic Therapeutic Exercise	1
HS 3413 First Aid and Safety/CPR	3	HS 2443 Techniques in the Prevention and Care of Athletic Injuries	3
GSTD 1002 Freshman Seminar	2	HS 2043 Human Anatomy and Physiology	3
AT 1001 Gateway to Athletic Training	1	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
Total Semester Hours		Total Semester Hours	
15		16	
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	AT 2041 Clinical Experience II	1
AT 2003 Evaluation of Upper Extremity	3	AT 2013 Evaluation of Lower Extremity	3
SPCH 1113 Introduction to Public Speaking	3	AT 3003 Therapeutic Modalities	3
HIST 1003 or 1013 World History I or II	3	AT 1021 Strength and Conditioning	1
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	EDUC 2023 K-12 Education Technology or MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab	3
AT 2031 Clinical Experience I	1	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
Total Semester Hours		Total Semester Hours	
16		15	
Fall - Semester 5		Fall - Semester 6	
AT 3031 Clinical Experience III	1	AT 3041 Clinical Experience IV	1
BIOL 2003 Nutrition and Diet	3	HS 4243 Physiology of Muscular Activity	3
AT 3013 Therapeutic Exercise	3	ESCI 4013 Biomechanics	3
HS 4023 Pharmacology in Sports	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
PSCI 2003 American Government: National	3	HIST 2013 or 2023 U.S. History I or II	3
HS 3233 Kinesiology	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Total Semester Hours		Total Semester Hours	
16		16	
Fall - Semester 7		Spring - Semester 8	
AT 4031 Clinical Experience V	1	AT 4041 Clinical Experience VI	1
HS 4013 Adapted Kinesiology	3	AT 4013 Organization and Administration in Athletic Training	3
HS 4433 Advanced Athletic Training Techniques	3	AT 4003 Professional Healthcare Issues	3
ESCI 4363 Exercise Prescription and Fitness Program	3	HKR 4923 Measurement and Evaluation in HKR	3
ESCI 3003 Psychology of Motor Learning and Development	3	ESCI 4333 Instrumentation and Physiological Assessment	3
AT 3012 Pathology of Athletic Injuries	2	PSYC 2003 General Psychology	3
Total Semester Hours		Total Semester Hours	
15		16	

Total hours required for major – 125

Bachelor of Science – Exercise Science

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1003 College Mathematics or MATH 1023 College Algebra	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HS 1403 Personal and Community Health	3	HS 2043 Human Anatomy and Physiology	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	HIST 1003 or 1013 World History I or II	3
GSTD 1002 Freshman Seminar	2	EDUC 2023 K-12 Education Technology or MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab	3
HKR 1113 Methods of Teaching Individual/Dual Activities	3		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
SPCH 1113 Introduction to Public Speaking	3	HKR 1123 Methods of Teaching Team Activities	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
HIST 2013 or 2023 U. S. History I or II	3	HKR 3803 Lifeguarding/Water Safety for Advanced Swimmers	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	16	Total Semester Hours	15
Fall - Semester 5		Spring - Semester 6	
ESCI 4363 Exercise Prescription and Fitness Program	3	HKR 4323 Organization and Administration in HKR	3
Major Elective	3	HKR 4923 Measurement and Evaluation in HKR	3
REC 3653 Leadership in Recreation	3	REC 3663 Leisure and Age	3
ESCI 3003 Psychology of Motor Learning and Development	3	ESCI 4013 Biomechanics	3
AT 3013 Therapeutic Exercise	3	HS 4243 Physiology or Muscular Activity	3
HS 3413 First Aid and Safety/CPR	3	ESCI 4333 Instrumentation and Physiological Assessment	3
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
HS 3233 Kinesiology	3	ESCI 4676 Exercise Science Practicum II	6
HS 4023 Pharmacology in Sports	3	ESCI 4686 Exercise Science Practicum III	6
HS 4013 Adapted Kinesiology	3		
Major Elective	3		
ESCI 4652 Exercise Science Practicum I	2		
Total Semester Hours	14	Total Semester Hours	12
Total hours required for major – 126			
Major Electives			
AT 1011 Aquatic Therapeutic Exercise		HS 4433 Advanced Athletic Training Techniques	
AT 1021 Strength and Conditioning		PHYS 2003/2001 General Physics I/Lab	
ECON 1003 The American Enterprise System		PHYS 2103/2101 General Physics II/Lab	
BIOL 2003 Nutrition and Diet		PSYC 3223 Developmental Psychology	

Physical Education, Wellness and Leisure (BSE)

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U. S. History I or II	3
HKR 1113 Methods of Teaching Individual/Dual Activities	3	HS 1403 Personal and Community Health	3
GSTD 1002 Freshman Seminar	2	HKR 1123 Methods of Teaching Team Activities	3
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
HIST 1003 or 1013 World History I or II	3	HKR 3882 Theory and Techniques in Rhythm Activities	2
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
HS 2043 Human Anatomy and Physiology	3	HKR 3803 Lifeguarding/Water Safety for Advanced Swimmers	3
EDUC 2023 K-12 Education Technology	3	PSCI 2003 American Government: National	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	S ED 3003 Secondary and Middle School Curricula	3
Take Praxis I			
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 5		Spring - Semester 6	
HS 3233 Kinesiology	3	HKR 4323 Organization and Administration of HKR	3
REC 3613 School and Community Recreation	3	HKR 4343 History and Philosophy of HKR	3
HS 4013 Adapted Kinesiology	3	HS 4243 Physiology of Muscular Activity	3
ESCI 3003 Psychology of Motor Learning and Development	3	HKR 4923 Measure and Evaluation in HKR	3
S ED 3723 M and M HKR Secondary and Middle Schools	3	EDUC 3013 Educational Psychology	3
HS 3413 First Aid and Safety/CPR	3	PSYC 3123 Child Psychology	3
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
HKR XXX2 Theory/Fundamentals	2	EDUC 4003 Student Teaching Seminar	3
HKR 4102 Professionalism and Leadership in HKR	2	S ED 4006 Student Teaching I	6
E ED 3703 Methods and Materials in Kinesiology for Elementary Schools	3	E ED 4103 Student Teaching II	3
HS 4413 Health Education in the Schools	3		
S ED 3302 or E ED 3112 Supervised Field Experience - HKR	2		
Total Semester Hours	12	Total Semester Hours	12

Total hours required for major – 129

Bachelor of Science
Human Performance, Recreation, and Community Service
Sports Management Emphasis

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
HS 1403 Personal and Community Health	3	SPCH 1113 Introduction to Public Speaking	3
MATH 1003 College Mathematics of MATH 1023 College Algebra	3	Biological Science Choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HKR 1123 Methods of Teaching Team Activities	3
HKR 1113 Methods of Teaching Individual/Dual Activities	3	HIST 2013 or 2023 U. S. History I or II	3
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
REC 2723 Fall Outdoor Recreational Activities	3	Physical Science/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
SOC 2003 Introduction to Sociology	3	PSYC 2003 General Psychology	3
HIST 1003 or 1013 World History I or II	3	HS 2043 Human Anatomy and Physiology	3
EDUC 2023 K-12 Education Technology	3	REC 2733 Spring Outdoor Recreational Activities	3
HKR XXX2 Theory and Fundamentals	2		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
MKTG 3033 Principles of Marketing	3	CRJU 3003 Cultural Diversity	3
ESCI 3003 Psychology of Motor Learning and Development	3	HKR 3723 M and M in Kinesiology for Secondary Schools	3
HS 3413 First Aid and Safety /CPR	3	REC 2712/2710 Organization and Administration of Intramural Sports	2
HKR 3803 Lifeguarding/Water Safety for Advanced Swimmers	3	REC 3642 Camping and Camp Counseling	2
REC 3613 School and Community Recreation	3	REC 4652 Recreation Practicum I	2
REC 4003 Facility and Event Management	3	REC 3663 Leisure and Aging	3
		HKR XXX2 Theory and Fundamentals	2
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
REC 3653 Leadership in Recreation	3	REC 4663 Recreation Practicum II	3
HKR 3703 Methods and Materials in Kinesiology for Elementary Schools	3	HKR 4343 History and Philosophy of HKR	3
REC 4013 Legal and Ethical Issues in Sport	3	REC 3623 Psychology of Sport	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	HKR 4323 Organization and Administration of HKR	3
		REC 3633 Sport Promotion/Financial Management	3
Total Semester Hours	12	Total Semester Hours	15

Total hours required for major – 128

**Bachelor of Science
Human Performance, Recreation, and
Community Service Emphasis**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
HS 1403 Personal and Community Health	3	SPCH 1113 Introduction to Public Speaking	3
MATH 1003 College Mathematics of MATH 1023 College Algebra	3	Biological Science Choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HKR 1123 Methods of Teaching Team Activities	3
HKR 1113 Methods of Teaching Individual/Dual Activities	3	HIST 2013 or 2023 U. S. History I or II	3
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
REC 2723 Fall Outdoor Recreational Activities	3	Physical Science/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
SOC 2003 Introduction to Sociology	3	PSYC 2003 General Psychology	3
HIST 1003 or 1013 World History I or II	3	HS 2043 Human Anatomy and Physiology	3
EDUC 2023 K-12 Education Technology	3	REC 2733 Spring Outdoor Recreational Activities	3
HKR XXX2 Theory and Fundamentals	2		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CRJU 2003 Introduction to Criminal Justice	3	SWK 2043 Introduction to Social Work	3
ESCI 3003 Psychology of Motor Learning and Development	3	HKR 3723 Methods and Materials in Kinesiology for Secondary Schools	3
HS 3413 First Aid and Safety /CPR	3	REC 2712/2710 Organization and Administration of Intramural Sports	2
SWK 2053 Community Service Learning Experience	3	HKR 3803 Lifeguarding/Water Safety for Advanced Swimmers	3
REC 3613 School and Community Recreation	3	REC 4652 Recreation Practicum I	2
HKR XXX2 Theory and Fundamentals	2	REC 3642 Camping and Camp Counseling	2
Total Semester Hours	17	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
REC 3653 Leadership in Recreation	3	HKR 4323 Organization and Administration of HKR	3
HKR 3703 Methods and Materials in Kinesiology for Elementary Schools	3	HKR 4343 History and Philosophy of HKR	3
UL Psychology elective	3	REC 3663 Leisure and Aging	3
CRJU 3073 Corrections	3	CRJU 3003 Cultural Diversity	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	REC 4663 Recreation Practicum II	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 128

Psychology Electives

PSYC 4003 Domestic Violence

PSYC 4033 Abnormal Psychology

PSYC 4083 Adolescent Psychology

College of Liberal and Performing Arts

Dr. Ben Johnson, dean

The College of Liberal and Performing Arts provides programs that promote behavioral, linguistic, and artistic understanding; critical thinking; and accurate expression, enjoyment, and skillful performance of the arts. The college contributes to the general education of all students by developing their skills in communication, broadening their understanding and appreciation of the diversity of world cultures, providing an introduction to the field of art and music, then increasing their skills for fulfilling civic and social responsibilities in a democratic society. The college offers degree programs that provide students with the knowledge and experience in fields of specialization that will enable them to enter graduate and professional schools or to qualify for occupational and professional positions suited to their abilities. Degrees are granted in art (studio or communications design), criminal justice, English, foreign language (Spanish and French), history, mass communication (digital media production or mass media), music, music education, political science, psychology, social work, sociology, and theatre. The college offers a pre-law program and professional education programs in English, foreign language, and music. In addition, the college offers minors in art history, Africana studies, Asian studies, geography, juvenile justice, philosophy and religious studies, speech, and teaching English as a second language. The college is served by the following departments: Art and Design; Behavioral and Social Sciences; English and Foreign Languages; History, Political Science, and Geography; Music; and Theatre and Mass Communication.

Mission Statement

A liberal education is the best preparation for life and for students' future careers in a modern changing global society. The College of Liberal and Performing Arts seeks to foster students' ability to think critically, become tolerant of diversity, adhere to ethical values, communicate effectively, and become responsible citizens. In addition, the college seeks to inculcate in each student an appreciation of literature, music, theatre, and art, and to provide the campus and region with opportunities for participation in these disciplines.

Associate of Arts Degree (A.A.) – 64 hours

The associate of arts degree in general studies is offered to students who complete a minimum of 64 semester hours, which must include the normal general education requirements. Students must have a 2.00 or higher grade point average, meet residency requirements, and apply for the degree.

Bachelor of General Studies

The Bachelor of General Studies offers to students an alternative to other degrees which focus on a single area or prepares one for a profession. It may also serve the needs of those who return to the University in order to better their professional opportunities.

In addition to the required 46 general education hours, the student chooses three areas of concentration as listed below. The primary area of concentration requires 30 hours, at least 15 of which must be junior/senior resident hours. The secondary two areas require 12 hours each, with at least nine resident hours within the two areas. To fulfill the expected 124 hours, there are ample opportunities to take electives from any area of interest. Completion of degree requires 40 junior/senior hours.

Areas of Concentration - Bachelor of General Studies

Humanities

Art and Design, English, Foreign Language, Mass Communication, Music, Philosophy, Speech, Theatre, and Humanities

Social Sciences

Anthropology, Criminal Justice, Geography, History, Political Science, Psychology, Sociology, and Social Work

Natural Sciences

Agriculture, Biology, Chemistry, Geology, Mathematics, Physical Science/Physics, Computer Science, and Nursing

Business

Accounting, Economics, Management Information Systems, Management, Marketing, General Business, and Finance

Health Sciences and HKR

Exercise Science, Health Science, HKR, and Recreation

Education

Agricultural Education, Inclusive Early Childhood Education, Elementary Education, Education, Middle School Education, Secondary Education, and Special Education

Other requirements:

1. The student must complete a total of 124 hours, with 40 upper-division hours.
2. Three (3) hours foreign language. This requirement will not be met by completing a foreign language course to fulfill the fine arts/foreign language General Education requirement.
3. Degree plan must be filed in registrar's office with application no later than third class day in the prior semester before scheduled graduation.
4. No courses may be double counted.
5. Students must maintain a 2.00 grade point average.

Assessment

The learning goals for each of the major programs and descriptions of the assessment procedures may be found in the departmental assessment reports on the SAU website under Academics and Assessment.

Department of Art and Design

Dan May, M.F.A., chair

The art and design major at SAU works toward exploring the artistic process of expression in a variety of contexts – historical, philosophical, and personal. As an art major, students develop their creative talents to the fullest while preparing for an art-related career or advanced graduate studies. Degrees conferred are the bachelor of fine arts (B.F.A.) degree with an emphasis in either studio art or communications design. The primary goal of the B.F.A. program is to prepare students for careers in the professional field.

Various art scholarships are awarded each year to deserving incoming students as well as returning students. These are awarded primarily on the basis of excellent art performance as demonstrated through portfolio reviews, overall classroom proficiency, and art faculty recommendations. Students wishing information concerning these opportunities should contact the Office of Financial Aid or the Department of Art and Design.

The Department of Art and Design maintains an active art gallery with approximately 1,600 square feet of exhibition space. Works by artists of national and international reputation, faculty and student works, and cultural artifacts are shown.

Art Core Curriculum - 45 hours

ART	1013	Drawing I
ART	1023	Three-Dimensional Design
ART	1043	Two-Dimensional Design
ART	1113	Drawing II
ART	2023	Printmaking I
ART	2063	Ceramics I
ART	2103	Painting I
ART	2123	Digital Image Making
ART	2133	Basic Digital Photography
ART	2143	Art History I
ART	2153	Art History II
ART	4033	History of Modern Art
ART	4063	Art History Seminar I
ART	4013	Special Topics in Art I*
or		
ART	4113	Special Topics in Art II
ART	4143	Senior Capstone Review

*If your emphasis is studio, you must take ART 4013 Special Topics in Art I.

Emphasis in Studio Art (B.F.A.) - 124 hours

Students will work toward a creative examination of both real and imagined worlds. Students' thoughts and observations are expressed through challenges that emphasize a broad scope of two-dimensional and three-dimensional techniques, media, and concepts.

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 44 hours

(ART 2013 not required)

Art Core Curriculum - 45 hours

Studio Courses – 33 hours

ART	3033	Printmaking II
ART	3063	Ceramics II
ART	3233	Painting II
ART	3363	Advanced Digital Photography
ART	3543	Figure Drawing
ART	4003	Sculpture
ART	4023	Advanced Art Studio I
ART	4113	Special Topics in Art II
ART	4123	Advanced Art Studio II
ART	4133	Senior Art Seminar
ART	3/4__3	Art Elective

A minor area is not required but is recommended.

Emphasis in Communications Design (B.F.A.) - 126 hours

Students will be introduced to idea building, creative visual development of symbols and pictorial images, and the integration of text and image for the purpose of conveying information about products, services, and ideas. This program offers hands-on, skill-building projects using the latest technology to prepare the student for employment within the industry. Some internships are available for credit to upper-level design students by permission. These are encouraged whenever possible.

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 43 hours

(ART 2013 not required)

Art Core Curriculum - 45 hours

Communications Design Core – 36 hours

ART	2003	Introduction to Communications Design
ART	2043	Layout and Production
ART	2163	Introduction to Typography
ART	3083	Advanced Typography
ART	3223	Illustration
ART	3333	Advanced Communications Design
ART	3353	Multimedia/Web Design I
ART	4053	Package Design
ART	4133	Senior Art Seminar
ART	3/4__3	Art Elective
ART	4353	Multimedia/Web Design II
MKTG	3033	Principles of Marketing

A minor area is not required, but is recommended.

Minor in Art History – 18 hours

ART	2143	Art History I
ART	2153	Art History II
ART	4033	Art History III

3-6 hours selected from the following:

ART	4063	Art History Seminar I
ART	4073	Art History Seminar II

An additional 3-6 hours will be chosen from the following:

PSCI	3113	Western Thought
PSCI	3213	Eastern Thought
HIST	3053	The Middle East
HIST	3083	History of Arkansas
HIST	3123	Russia and the Soviet Union
HIST	4103	American Social History Since 1900
HIST	4203	19th Century American Social History
HIST	4313	Europe Since 1914
SOC	3043	Anthropology: Man in Prehistory
SOC	3143	The North American Indian

Minor in Studio Art - 21 hours

ART	1013	Drawing I
ART	1023	Three-Dimensional Design
ART	1043	Two-Dimensional Design
ART	1113	Drawing II
ART	2103	Painting I
ART	2123	Digital Image Making

3 hours selected from the following:

ART	2143	Art History I
ART	2153	Art History II
ART	4033	Art History III

Minor in Communications Design - 15 hours

ART	1013	Drawing I
ART	1043	Two-Dimensional Design
or		
ART/MCOM	2133/2133	Basic Digital Photography
ART	2003	Introduction to Communications Design
ART	2163	Introduction to Typography

3 hours selected from the following:

ART	2143	Art History I
ART	2153	Art History II
ART	4033	Art History III

Bachelor of Fine Arts

Those students who plan to teach art in the public schools may enroll into the Master of Arts in Teaching (M.A.T.) Program after earning their B.F.A. degree in Art. The two year program is comprised of 30 hours of graduate coursework, followed by a year of teaching as a fully-employed teacher of record in a public school. The combination of online and face-to-face night classes makes this a convenient way to achieve the license for teaching art at any grade (P-12).

Department of Behavioral and Social Sciences

Jan Duke, M.S., chair

The mission of the Department of Behavioral and Social Sciences is to contribute to the University's mission of promoting students' intellectual growth, individual enrichment, skill development, and career preparations in the areas of criminal justice, sociology, social work, and psychology.

Criminal Justice

The criminal justice major is designed to prepare students for entry-level positions in a variety of careers and to enable experienced persons to expand their knowledge and improve their skills. The bachelor's degree may qualify a person for careers in law enforcement, juvenile justice, corrections, courts, and private investigations.

Major in Behavioral and Social Science with emphasis in Criminal Justice (B.A.) - 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 46 hours (must include PSYC 2003 and SOC 2003)

Criminal Justice - 36 hours

Core courses – 30 hours

CRJU	2003	Introduction to Criminal Justice
CRJU	3003	Cultural Diversity
CRJU	3013	Police Administration
CRJU	3023	Criminal Evidence and Procedures
CRJU	3043	Criminal Law
CRJU	3073	Corrections
CRJU	3153	Research Methods
CRJU	3183	Statistics
CRJU	4033	Critical Issues
CRJU	4053	Criminology

Criminal Justice electives – 6 hours

Other requirements – 9 hours

PSCI	2003	American Government: National
PSCI	2013	State and Local Government: Arkansas and the United States
CSCI	1102/1101	Introduction to Computing/Lab
or		
MIS	1003	Introduction to Computers

6-14 hours of foreign language (completion of the second year of a modern foreign language)

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Major in Criminal Justice (B.S.) - 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 46 hours (must include PSYC 2003 and SOC 2003)

Criminal Justice - 36 hours

Core courses – 30 hours

CRJU	2003	Introduction to Criminal Justice
CRJU	3003	Cultural Diversity
CRJU	3013	Police Administration
CRJU	3023	Criminal Evidence and Procedures
CRJU	3043	Criminal Law
CRJU	3073	Corrections
CRJU	3153	Research Methods
CRJU	3183	Statistics
CRJU	4033	Critical Issues
CRJU	4053	Criminology

Criminal Justice electives - 6 hours

Other requirements – 9 hours

PSCI	2003	American Government: National
PSCI	2013	State and Local Government: Arkansas and the United States
CSCI	1102/1101	Introduction to Computing/Lab
or		
MIS	1003	Introduction to Computers

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Minor in Criminal Justice - 18 hours

CRJU	2003	Introduction to Criminal Justice
CRJU	3043	Criminal Law

12 hours of criminal justice electives

Minor in Juvenile Justice – 18 hours

12 hours from the following:

CRJU	3053	Juvenile Justice
CRJU	3113	Juvenile Law
CRJU	3123	Juvenile Rehabilitation and Corrections
CRJU	3143	Courts
CRJU	4013	Legal and Ethical Issues in Juvenile Justice

6 hours from the following:

CRJU	3063	Substance Abuse
CRJU	3083	Community Corrections
CRJU	4003	Domestic Violence
CRJU	4043	Gangs
CRJU	4063	Field Practicum

Criminal Justice Certificate of Proficiency

Sworn law enforcement officers can receive a Criminal Justice Institute Certificate of Proficiency in either Law Enforcement Administration or Crime Scene Investigation by attending the Criminal Justice Institute and completing the following requirements at Southern Arkansas University:

Law Enforcement Administration - 15 hours

MIS	1003	Introduction to Computers
or		
CSCI	1102/1101L	Introduction to Computing/Lab
MATH	1023	College Algebra
SPCH	1113	Introduction to Public Speaking
MIS	2053	Business Information Systems
or		
CSCI	2103	Computer Science I

3 hours of electives

Crime Scene Investigation – 9 hours

ENGL	1113	Composition I
MATH	1023	College Algebra
MIS	1003	Introduction to Computers
or		
CSCI	1102/1101L	Introduction to Computing/Lab

Psychology

The psychology major attempts:

1. To develop the understanding that laws of cause and effect operate in behavior and that behavior can be studied scientifically;
2. To promote understanding of self and others through knowledge of basic principles of psychology;
3. To develop an understanding of how psychological principles may be applied in child rearing, teaching, industry, and other fields of work; and
4. To provide a sound background which will prepare majors for graduate work in psychology or employment in psychology-related vocations upon graduation.

A bachelor's degree may qualify a person to work in such areas as mental health care centers, the children's colony, law enforcement agencies, industries (personnel work), various social work agencies, churches, and some private consulting firms. A background in psychology will also be valuable to students planning to enter such

professions as industrial relations, the ministry, law, medicine, speech therapy, teaching, counseling, and community planning.

Major in Behavioral and Social Science with emphasis in Psychology (B.A.) – 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education – 46 hours (must include SOC 2003)

Psychology - 36 hours

Core Courses – 30 hours

PSYC	2003	General Psychology
PSYC	3093	Physiological and Comparative Psychology
PSYC	3153	Research Methods I
PSYC	3183	Statistics
PSYC	3223	Developmental Psychology
PSYC	4013	Psychological Measurement
PSYC	4033	Abnormal Psychology
PSYC	4043	History and Systems of Psychology
PSYC	4073	Learning
PSYC	4153	Research Methods II

6 hours of psychology electives at the junior-senior level

Other Requirements – 9 hours

CRJU	2003	Introduction to Criminal Justice
BIOL	3023	Vertebrate Zoology

or

BIOL	3033	Genetics
CSCI	1102/1101	Introduction to Computing/Lab

or

MIS	1003	Introduction to Computers
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6-14 hours of foreign language (completion of the second year of a modern foreign language)

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours as approved by the advisor. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Major in Psychology (B.S.) - 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 46 hours (must include SOC 2003)

Psychology - 36 hours

Core Courses – 30 hours

PSYC	2003	General Psychology
PSYC	3093	Physiological and Comparative Psychology
PSYC	3153	Research Methods I
PSYC	3183	Statistics
PSYC	3223	Developmental Psychology
PSYC	4013	Psychological Measurement
PSYC	4033	Abnormal Psychology
PSYC	4043	History and Systems of Psychology
PSYC	4073	Learning
PSYC	4153	Research Methods II

6 hours of psychology electives at the junior-senior level

Other Requirements – 6 hours

BIOL	2023	Vertebrate Zoology
or		
BIOL	3033	Genetics
CSCI	1102/1101	Introduction to Computing/Lab
or		
MIS	1003	Introduction to Computers

3 hours of electives in science or computer science*

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

***Students may substitute a course approved by their advisor and dean of the College of Liberal and Performing Arts.**

Minor in Psychology - 18 hours

PSYC	2003	General Psychology
PSYC	4073	Learning

12 hours of psychology electives at the junior-senior level

Social Work

The bachelor of social work degree is the entry-level professional degree, and the Social Work Program is accredited by the Council on Social Work Education. It enables the undergraduate professional to practice social work in a variety of settings. These settings include hospitals, schools, mental health centers, and other public and private human service agencies. The degree allows the practicing social worker to become eligible for professional licensing in some states, including Arkansas. As well as being the entry-level professional degree, the social work major offers a good foundation for students who seek graduate-level professional education. The social work major can prepare students for advanced degrees in disciplines such as social work, psychology, counseling, and other helping fields. The social work program at SAU is grounded in the generalist practice model and works within a multidisciplinary department. It allows the student

preparing for a professional practice the exposure to varied disciplines as well as the preparation in social work education.

Social Work Program Mission

The mission of the Social Work Program at Southern Arkansas University is to graduate students from diverse backgrounds who will be well prepared to launch their careers as competent generalist practitioners, as well as to graduate students who continue their education at the graduate level. Through our educational processes, we will promote and provide continued professional development for current service providers and instill in students the need for lifelong learning. The program is committed to incorporating within students a professional identity. Integrated within this identity are professional values and ethics, and an appreciation for social work’s historical task of advancing social and economic justice while empowering populations at risk. The Social Work Program will endeavor to increase the number of professional social workers in regional social service delivery systems. Graduates of the program, recognizing the strengths inherent in diversity and utilizing an understanding of human behavior in the social environment, social policy, research, and generalist practice, will effect positive change in peoples, environments, services, and political systems. The mission will be accomplished by the integration of social work knowledge, values, and skills.

Major in Social Work (B.S.W.) - 127 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours (must include PSYC 2003, SOC 2003 and 3 hours of Foreign Language)

Social Work - 58 hours

Core Courses – 52 hours

SWK	2043	Introduction to Social Work
SWK	2053	Community Service Learning Experience
SWK	3003	Cultural Diversity
SWK	3023	Human Behavior and Social Environment I
SWK	3033	Human Behavior and Social Environment II
SWK	3113	Social Policy
SWK	3123	Social Work Practice I
SWK	3153	Research Methods I
SWK	3183	Statistics
SWK	4063	Research Methods for Social Workers
SWK	4123	Social Work Practice II
SWK	4131	Field Practicum Seminar I
SWK	4141	Senior Seminar
SWK	4223	Social Work Practice III
SWK	4231	Field Practicum Seminar II
SWK	4331	Field Practicum Seminar III
SWK	4864	Field Practicum I
SWK	4874	Field Practicum II
SWK	4884	Field Practicum III

6 hours of social work electives

Additional Requirements:

PSCI	2003	American Government: National
SOC	3013	Social Problems
PSYC	4033	Abnormal Psychology

or

PSYC	3223	Developmental Psychology
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3 hours of either management information systems or computer science
3 hours foreign language

International options - 3 hours

GEOG	2003	Introduction to Geography
PSCI	4203	Comparative Politics
PSCI	3193	Political Geography
PSCI	3003	International Relations

foreign language (3 hours)

Cultural diversity options - 3 hours

HIST	4093	African American History
HIST	3073	Modern Latin America
MCUL	4993	Contemporary Hispanic Life and Culture
PSCI	4043	African American Politics
HIST/SOC	3143	The North American Indian

foreign language (3 hours)

A minor is not required, but is optional.

Minor in Social Work - 18 hours

SWK	2043	Introduction to Social Work
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15 hours of social work electives, none of which can be practice or practicum courses

Sociology

The sociology major is intended to provide insights into the operation of human society and human social interaction and how that social context influences the lives of people, thus providing both an understanding of others as well as oneself. It is designed to prepare students for occupational opportunities in human services, various federal, state, and local agencies as well as a great diversity of occupations located in the private sector. The program is also structured to prepare students for graduate work in sociology, counseling, social work, gerontology, law, theology, seminary, and others.

Major in Behavioral and Social Science with emphasis in Sociology (B.A.) –

124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours (must include PSYC 2003)

Sociology - 33 hours

Core courses – 18 hours

SOC	2003	Introduction to Sociology
SOC	3013	Social Problems
SOC	3153	Research Methods I

SOC	3183	Statistics
SOC	4043	Sociological Theory
SOC	4093	Research Methods in Sociology

15 hours of sociology electives (No more than 6 hours may be taken from anthropology courses, and a minimum of 6 hours must be at the junior-senior level.)

Other Requirements – 3 hours

CRJU	2003	Introduction to Criminal Justice
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6-14 hours of foreign language (completion of the second year of a modern foreign language)

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Major in Sociology (B.S.) - 124 hours

General Education - 46 hours (must include PSYC 2003)

Sociology - 33 hours

Core Courses – 18 hours

SOC	2003	Introduction to Sociology
SOC	3013	Social Problems
SOC	3153	Research Methods I
SOC	3183	Statistics
SOC	4043	Sociological Theory
SOC	4093	Research Methods in Sociology

15 hours of sociology electives (No more than 6 hours may be taken from anthropology courses, and a minimum of 6 hours must be at the junior-senior level.)

Other Requirements – 9 hours

3 hours of management information systems or computer science

6 hours of biological or physical science, management information systems, or computer science approved by advisor and dean of the College of Liberal and Performing Arts

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Minor in Sociology - 18 hours

SOC	2003	Introduction to Sociology
SOC	3013	Social Problems

12 hours of sociology electives (No more than 6 hours may be taken from anthropology courses, and a minimum of 9 elective hours must be at the junior-senior level.)

Department of English and Foreign Languages

Elizabeth Davis, Ed.D., chair

The Department of English and Foreign Languages offers programs leading to the bachelor of arts degree in English or foreign language. The department offers minors in English, Spanish, French, Asian Studies, and Teaching English as a Second Language.

English

The program in English serves both non-specialists and students planning to do graduate work in English by promoting clear writing and critical reading of English, American, and world literature. The program prepares students for careers in teaching as well as literary and linguistic scholarship; it also provides a background for such professions as the ministry, journalism, editing, scientific or creative writing, counseling, advertising, salesmanship, and law.

Major in English (B.A.) - 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 46 hours (must include ENGL 2213, 2223, PSCI 2003, PSYC 2003, 3 hours of U.S. History and 3 hours of World History)

English - 37 hours

ENGL	3583	Shakespeare
ENGL	3623	American Literature I
ENGL	3633	American Literature II
ENGL	4623	British Literature I
ENGL	4633	British Literature II
ENGL	4701	Senior Project
	either	
ENGL	3483	Modern World Literature
	or	
ENGL	4683	Introduction to Francophone Literature
	or	
ENGL	3213	Topics in World Literature
	either	
ENGL	3043	Comparative Grammar
	or	
ENGL	3653	Introduction to English Language Studies
	either	
ENGL	3103	Advanced Composition
	or	
ENGL	3643	Literary Theory

12 hours of English electives at the junior-senior level

6-14 hours of foreign language (completion of the second year of a modern foreign language)

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours.

**Major in English with minor in Education (Teaching Certification) (B.A.) –
124-129 hours**

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education – 43 hours (must include ENGL 2213, 2223, PSCI 2003, PSYC 2003, 3 hours of U.S. History and 3 hours of World History)

English – 37 hours

ENGL	3043	Comparative Grammar
ENGL	3103	Advanced Composition
ENGL	3583	Shakespeare
ENGL	3623	American Literature I
ENGL	3633	American Literature II
ENGL	3653	Introduction to English Language Studies
ENGL	3683	Young Adult Literature
ENGL	4623	British Literature I
ENGL	4633	British Literature II
ENGL	4701	Senior Project
	either	
ENGL	3483	Modern World Literature
	or	
ENGL	4683	Introduction to Francophone Literature
	or	
ENGL	3213	Topics in World Literature

6 hours of English electives at the junior/senior level

6-14 hours of foreign language (completion of the second year of a modern foreign language)

Minor in Education: EDUC 2000, EDUC 2003, EDUC 4043, S ED 3003, S ED 3013, S ED 4023, and SPED 4073

Student Teaching Semester: EDUC 4003, S ED 4006 and S ED 4103.

Note: In order to be certified, students who complete the B.A. in English with a minor in Education (Teaching Certification) must also pass the Praxis II exams.

Minor in English - 24 hours (including 12 hours of general education courses)

ENGL	1113	Composition I
ENGL	1123	Composition II
ENGL	2213	World Literature I
ENGL	2223	World Literature II

3 hours of upper division literature

9 hours of upper division English electives

ENGL 3683 Young Adult Literature may not be included in the 12 upper division English hours required for the minor.

Foreign Languages

The program in foreign languages develops students' proficiency in listening/comprehension, speaking, reading, and writing in Spanish or French. The program increases students' awareness of the range, subtlety, and power of language; develops an understanding of the most important authors, themes, movements, periods, and genres of Spanish or French literature; provides students with an understanding and working knowledge of contemporary theories of literary criticism; and expands students' appreciation for other languages and cultures – knowledge that is vitally important for success in today's global society.

The program prepares students for teaching a foreign language or pursuing graduate studies in foreign language. A good working knowledge of a modern language is also extremely valuable for teachers in other fields, social workers, military and diplomatic professionals, journalists, agriculturalists, law enforcement officers, health care providers, sales personnel, and business executives. In addition, other disciplines in most graduate schools require proficiency in a foreign language.

Foreign language majors are encouraged to study abroad for at least one semester.

Placement Exam

A student with any question concerning placement should consult with the chair of the Department of English and Foreign Languages.

Proficiency Tests

All foreign language majors and minors are required to take a departmental exit examination in the language, literature, and culture during their senior year. In addition, students' proficiency is assessed prior to enrollment in upper-division courses.

Major in Foreign Language (B.A.) - 124 hours

There are six program options available within the B.A. in Foreign Language: Spanish, Spanish Education, French, French Education, Spanish and French, and Foreign Language.

B.A. in Foreign Language: Spanish

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours

Spanish -33 hours

SPAN	2033	Intermediate Spanish I
SPAN	2043	Intermediate Spanish II
SPAN	3163	Composition and Conversation

or

SPAN	3173	Advanced Composition and Conversation
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SPAN	3183	Spanish –American Literature I
or		
SPAN	3193	Spanish –American Literature II
SPAN	3973	Hispanic Linguistics
or		
SPAN	3993	Advanced Spanish Grammar
SPAN	4513	Spanish Civilization
or		
SPAN	4623	Spanish-American Civilization
SPAN	4813	Spanish Literature I
or		
SPAN	4823	Spanish Literature II

12 hours of upper division Spanish electives

FL	4701	Senior Project
FL	4001	Study Abroad/Immersion

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours, including 40 upper division hours.

B.A. in Foreign Language: Spanish with Minor in Education (Teaching Certification)

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 46 hours (including PSCI 2003, PSYC 2003, and 3 hours of U.S. History)

Spanish – 33 hours

SPAN	2033	Intermediate Spanish I
SPAN	2043	Intermediate Spanish II
SPAN	3163	Composition and Conversation
or		
SPAN	3173	Advanced Composition and Conversation
SPAN	3973	Hispanic Linguistics
and		
SPAN	3993	Advanced Spanish Grammar
SPAN	4513	Spanish Civilization
or		
SPAN	4623	Spanish-American Civilization
SPAN	4813	Spanish Literature I
or		
SPAN	4823	Spanish Literature II
or		

SPAN	3183	Spanish-American Literature I
or		
SPAN	3193	Spanish-American Literature II

12 hours of upper division Spanish electives

FL	4001	Study Abroad/Immersion
FL	4100	Oral Proficiency Interview
FL	4701	Senior Project

Minor in Education: EDUC 2000, EDUC 2003, EDUC 3713, EDUC 4043, S ED 3003, S ED 4023, SPED 4073

Student Teaching Semester: EDUC 4003, S ED 4006 and S ED 4103.

Note: In order to be certified, students who complete the B.A. in Foreign Language: Spanish with a minor in Education (Teaching Certification) must also pass the Praxis II exams.

Completion of remaining hours to total 124 hours, including 40 upper division hours.

B.A. in Foreign Language: French

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 46 hours

French – 30 hours

FREN	2033	Intermediate French I
FREN	2043	Intermediate French II
FREN	3163	French Composition and Conversation
FREN	3693	French Civilization
FREN	3973	Introduction to French Linguistics
or		
FREN	3993	Advanced French Grammar
FREN	4283	Survey of French Literature I
FREN	4293	Survey of French Literature II
or		
FREN	4683	Introduction of Francophone Literature

9 hours of upper division French electives

FL	4701	Senior Project
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Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours, including 40 upper division hours.

B.A. in Foreign Language: French with a Minor in Education (Teaching Certification)

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education – 46 hours (including PSCI 2003, PSYC 2003, 3 hours U. S. history and 3 hours of World History)

French - 30 hours

FREN	2033	Intermediate French I
FREN	2043	Intermediate French II
FREN	3163	French Composition and Conversation
FREN	3693	French Civilization
FREN	3973	Introduction to French Linguistics
FREN	3993	Advanced French Grammar
FREN	4283	Survey of French Literature I
	or	
FREN	4293	Survey of French Literature II
	or	
FREN	4683	Introduction to Francophone Literature

9 hours of upper division French electives

FL	4100	Oral Proficiency Interview
FL	4701	Senior Project

Minor in Education: EDUC 2000, EDUC 2003, EDUC 3713, EDUC 4043, S ED 3003, S ED 4023, SPED 4073

Student Teaching Semester: EDUC 4003, S ED 4006 and S ED 4103.

Note: In order to be certified, students who complete the B.A. in Foreign Language: French with a minor in Education (Teaching Certification) must also pass the Praxis II exams

Completion of remaining hours to total 124 hours, including 40 upper division hours.

B.A. in Foreign Language: Spanish and French

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education – 46 hours

Spanish – 30 hours

SPAN	2033	Intermediate Spanish I
SPAN	2043	Intermediate Spanish II

SPAN	3163	Composition and Conversation
or		
SPAN	3173	Advanced Composition and Conversation
SPAN	3183	Spanish-American Literature I
or		
SPAN	3193	Spanish-American Literature II
SPAN	3973	Hispanic Linguistics
or		
SPAN	3993	Advanced Spanish Grammar
SPAN	4513	Spanish Civilization
or		
SPAN	4623	Spanish-American Civilization
SPAN	4813	Spanish Literature I
or		
SPAN	4823	Spanish Literature II

9 hours of upper division Spanish electives

French – 30 hours

FREN	2033	Intermediate French I
FREN	2043	Intermediate French II
FREN	3163	French Composition and Conversation
FREN	3693	French Civilization
FREN	3973	Introduction to French Linguistics
or		
FREN	3993	Advanced French Grammar
FREN	4283	Survey of French Literature I
or		
FREN	4293	Survey of French Literature II
or		
FREN	4683	Introduction to Francophone Literature

12 hours of upper division French electives

FL	4001	Study Abroad/Immersion
FL	4701	Senior Project

No minor is required.

Completion of remaining hours to total 124 hours.

B.A. in Foreign Language

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 46 hours

Spanish – 18 hours

SPAN	2033	Intermediate Spanish I
SPAN	2043	Intermediate Spanish II

SPAN	3163	Composition and Conversation
or		
SPAN	3173	Advanced Composition and Conversation
SPAN	3973	Hispanic Linguistics
or		
SPAN	3993	Advanced Spanish Grammar
SPAN	4513	Spanish Civilization
or		
SPAN	4623	Spanish-American Civilization
SPAN	3183	Spanish-American Literature I
or		
SPAN	3193	Spanish-American Literature II
or		
SPAN	4813	Spanish Literature I
or		
SPAN	4823	Spanish Literature II

French -18 hours

FREN	2033	Intermediate French I
FREN	2043	Intermediate French II
FREN	3163	French Composition and Conversation
FREN	3693	French Civilization
FREN	3973	Introduction to French Linguistics
or		
FREN	3993	Advanced French Grammar
FREN	4283	Survey of French Literature I
or		
FREN	4293	Survey of French Literature II
or		
FREN	4683	Introduction to Francophone Literature

3 hours additional upper division foreign language

FL	4001	Study Abroad/Immersion
FL	4701	Senior Project

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours, including 40 upper division hours.

Minor in French – 12-26 hours

12 hours of French above FREN 2043 Intermediate French II

Minor in Spanish – 12-26 hours

12 hours of Spanish above SPAN 2043 Intermediate Spanish II

Spanish-English Translation Sequence: Students who take Spanish-English Interpretation I and II (SPAN 3323 and SPAN 3333) and Spanish Translation I and II (SPAN 3013 and SPAN 3023) will be prepared for certification exams as Spanish-English translators.

Minor in Teaching English as a Second Language – 18 hours

3 hours selected from the following:

ENGL	3043	Comparative Grammar
FREN	3993	Advanced French Grammar
SPAN	3993	Advanced Spanish Grammar

3 hours selected from the following:

ENGL	3653	Introduction to English Language Studies
FREN	3973	Introduction to French Linguistics
SPAN	3973	Hispanic Linguistics

12 hours selected from the following:

ENGL	4013	Second Language Acquisition
ENGL	4023	Second Language Assessment
ENGL	4033	TESOL Methods and Materials
MCUL	4003	Teaching People from Other Cultures

Department of History, Political Science, and Geography

Claudell Woods, J.D., chair

History

Knowledge of history is valuable to students who plan to enter such professional fields as teaching, the ministry, law, social work, and journalism. Moreover, various state and federal agencies employ historians as archivists, writers, lecturers, and instructors. The study of history is also good preparation for employment with the Department of State, social service agencies, the National Park Service, museums or other public or private agencies.

Major in History (B.A.) - 124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 40 hours (history courses included in major)

History - 36 hours

HIST	1003	World History I
HIST	1013	World History II
HIST	2013	U.S. History I
HIST	2023	U.S. History II
HIST	3133	Research Methods
HIST	3113	Western Thought
or		
HIST	3213	Eastern Thought

18 hours of history electives at the junior-senior level with no more than 9 advanced hours in either the United States or non-U.S. history fields.

Foreign language (6-8 hours) which may be fulfilled by freshman-level courses in the same language or a satisfactory score on a language proficiency exam.

Either 6 semester hours of foreign language above the freshman level or 6 semester hours in computer technology/information systems.

3 hours of electives in geography required.

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Minor in History - 18 hours

HIST	1003	World History I
HIST	1013	World History II
HIST	2013	U.S. History I
HIST	2023	U.S. History II

3 hours of upper-level U.S. History

3 hours of upper-level non-U.S. History

Political Science

Opportunities exist for participation in public service as governments and political groups try to solve complex problems of modern society. A knowledge of political science will assist students in better understanding the governing process and the role they play in it as lawyers, politicians, journalists, law enforcement officials, writers, fund raisers, administrators or other activist citizens. In addition, qualified political science graduates may find employment in teaching, the ministry, politics, local, state or federal service, non-profit corporations or foundations, and business.

Major in Political Science (B.A.) - 124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours

Political Science - 36 hours

PSCI	2003	American Government: National
PSCI	2013	State and Local Government: Arkansas and the U.S.
PSCI	3133	Research Methods
PSCI	3113	Western Thought
or		
PSCI	3213	Eastern Thought

24 hours of political science electives including at least one course in each of the following fields: (1) international relations, foreign affairs, comparative government; and (2) American government and institutions. (A minimum of 21 junior-senior hours of political science electives required.)

Six-eight hours of the same foreign language at the freshman level or a satisfactory score on a language proficiency examination.

Electives in a foreign language (6 hours) above the freshman level or 6 hours in management information systems or computer science.

3 hours of electives in geography required.

Completion of a minor area approved by the advisor.

Completion of remaining hours to total 124 hours as approved by the advisor. Depending upon the chosen minor, student may need additional upper-level hours to complete the required 40 junior/senior hours.

Minor in Political Science - 18 hours

PSCI	2003	American Government: National
PSCI	2013	State and Local Government: Arkansas and the U.S.

3 hours selected from the following:

PSCI	3113	Western Thought
PSCI	3213	Eastern Thought
PSCI	3133	Research Methods

9 hours of political science electives at the junior-senior level

Geography

Geography is a science concerned with the nature of geographic distributions and their variations in pattern and intensity from place to place. Geography coursework illustrates and evaluates spatial structures and distribution, as well as the nature of the similarities, differences, and interaction between man and his cultural components; the environment, and resources. A knowledge of geography is essential to students majoring in history or political science.

Minor in Geography – 18 hours

GEOG	1003	Physical Geography
GEOG	2003	Introduction to Geography
GEOG	3023	Human Geography

9 hours of geography electives at the junior-senior level

Philosophy and Religious Studies

Individuals who plan to continue their education at a seminary or other graduate program in philosophical or religious studies in order to find employment in this area, as well as individuals seeking a better understanding of these subjects, will find this minor useful. Up to 6 hours of Biblical or Religious Studies courses may be transferred to SAU from other accredited universities and counted as part of this minor.

Minor in Philosophy and Religious Studies – 18 hours

Requirements - 6 hours

PHIL	2403	Introduction to Philosophy
PHIL	2413	World Religions

12 hours selected from the following:

GEOG	3003	Geography of World Religions
HIST	3053	Middle East
HIST/PSCI	3113	Western Thought
HIST/SOC	3143	North American Indian
HIST/PSCI	3213	Eastern Thought
HIST	4013	Women and Religion
PHIL	3003	Death, Dying and World Religions
PHIL	3013	Philosophy of Religion

Africana Studies

This minor familiarizes students with the histories, thoughts, politics, literature, geography, socialization, economics, and cultures of Africans and African Americans.

This knowledge is helpful for all students, but especially those who will work with culturally diverse communities or who seek further study.

Minor in Africana Studies – 18 hours selected from the following:

CRJU/SOC/SWK	3003	Cultural Diversity
ENGL	4613	African American Literature
HIST	3073	Modern Latin America
HIST	3183	African History
HIST	4093	African American History
PSCI	4043	African-American Politics
SOC	1003	General Anthropology
SPAN	4993	Contemporary Hispanic Life

Asian Studies

This minor familiarizes students with the history, thoughts, politics, literature, geography, socialization, economics, and culture of Asia. This knowledge will be helpful for those seeking graduate study or those who may work in Asia.

Minor in Asian Studies – 18 hours

Language requirement – 6 hours

CHIN	1003	Mandarin Chinese I
CHIN	1013	Mandarin Chinese II

12 hours from the following:

AST	4383/4393	Advanced Topics in Asian Studies
ENGL	3213	Topics in World Literature (with Asian focus)
ENGL	3223	East Asian Literature in Translation
GEOG	4013	Asian Geography
HIST	3053	Middle East
HIST/PSCI	3003	History and Politics of Modern China
HIST/PSCI	3213	Eastern Thought
HIST/PSCI	3313	History and Politics of Modern Japan
HIST/PSCI	3213	Eastern Thought
HUM	2003	Film Appreciation (with Asian focus)
MGMT	4313	International Studies and Field Experience (with Asian focus)

Pre-law Program

Students who intend to study law can prepare themselves by fulfilling the requirements for the bachelor's degree with a major in political science or history and a minor in an appropriate field. Other major programs may be acceptable because law schools do not prescribe a rigid pre-law curriculum. Law schools require the completion of an undergraduate degree program and the ability to reason and write well.

It is the opinion of the Association of American Law Schools that the attainment of legal competence depends in large measure upon the development of fundamental capacities such as “critical understanding of the human institutions and values with which the law deals,” and “creative power in thinking.” The selection of courses depends upon individual needs, but students are urged to obtain a broad understanding of the social sciences, acquire written and oral proficiency in the use of language, and develop the ability to reason accurately and logically. To obtain these skills, pre-law students should include in their studies, insofar as their degree programs will permit, such courses as the

following: American government, philosophy, introduction to law, principles of accounting, legal environment, business law, advanced composition, advanced literature, speech, advanced history, abnormal psychology, criminology, college algebra or college mathematics, logic, and advanced language.

The advisor of pre-law students should be contacted for materials and statements of the policies of law schools.

Department of Music

Dan Dykema, D.M.A., chair

The purpose of the Department of Music is to prepare students to become proficient musicians and music educators capable of demonstrating the performance skills and knowledge necessary for sound musicianship. Also integral to the purpose of the Department of Music is to enrich the musical life of non-music majors, the University, and region by offering student, faculty, and guest-artist performances; and by providing participative, collaborative, and advisory services.

Music Departmental Regulations

All music majors are required to perform at least once each semester in a student recital, and majors are required to take a jury each term.

All candidates for the bachelor of music education (B.M.E.) must present a public recital during their senior year. This may be a full recital of 45 minutes, or a joint recital of 30 minutes for each performer with faculty approval. All contemplated music recitals must undergo a preliminary hearing by the members of the music faculty at least two weeks before public performance.

All majors in the B.M.E. and B.A. program must participate in a major ensemble (instrumental majors in band or vocal majors in choir) until the degree is completed, except during the student teaching semester.

Instrumental Music Education majors must register for a small instrumental ensemble once each year and Beginning Class Voice (MACV 1211), preferably in the first semester of their freshman year.

Voice and instrumental majors in the B.M.E. program must pass a piano proficiency exam. Students may attempt the proficiency exam at any time prior to the student teaching semester; however, students are strongly encouraged to take and pass the proficiency as early as possible in their course of study.

All instrumental music education majors will be required to perform once a year as a soloist and in a small ensemble.

All piano majors seeking vocal certification must earn 6 credit hours of applied voice.

All music majors will have a full-faculty hearing at the end of the second semester of the music theory sequence to determine readiness to advance to upper-level study.

Students in applied music and members of musical organizations are required to attend all rehearsals deemed necessary and to take part in public performance when their participation is desired.

Majors are required to register for MUED 1000 Concert/Recital Attendance and receive a grade of *CR* each semester for up to six semesters. The number of concerts and recitals needed to receive a *CR* each semester will be posted by the department chair.

All music majors must earn a *C* or better in all major courses.

Major in Music (B.A.) – 137 hours

To obtain a Bachelor of Arts degree in music, the student must earn a minimum grade point average of 2.50 in all University credits in music.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 43 hours (Music is included in the major therefore only 3 additional hours are required in Fine Arts/Foreign Language area)

Major Requirements – 46 hours

Music Literature – 9 hours

MULI	1013	Introduction to Music
MULI	4003	History of Music I
MULI	4103	History of Music II

Music Theory – 21 hours

MUTH	1093	Fundamentals of Music Theory*
MUTH	1003	Written Theory I
MUTH	1011	Applied Theory I
MUTH	1103	Written Theory II
MUTH	1111	Applied Theory II
MUTH	2003	Written Theory III
MUTH	2011	Applied Theory III
MUTH	2103	Written Theory IV
MUTH	2111	Applied Theory IV
MUTH	3012	Form and Analysis

and

MUED	1000	Concert/Recital Attendance (6 Semesters)
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*Exemption with exam.

Fundamentals of Music (MUTH 1093) taken in the first semester of study, is a remedial course. Credit for the course does not count towards the major requirements.

Applied Music – 8 hours

Music Ensemble – 8 hours

Foreign Language – 14 hours (6 hours above freshman level)

Upper-level requirements – 32 hours*

*A minor is not required for this degree; however, students must complete 32 upper-level hours to fulfill the 40 junior/senior requirement. These hours may be used to fulfill requirements for a minor.

Major in Music (B.M.E.) - 140-152

To obtain a bachelor of music education degree, the student must earn a minimum grade point average of 2.50 in all University credits in music, complete the pattern of courses listed below, and fulfill the requirements listed under the College of Education for admittance to and completion of a program of professional education. Note that there are two tracks within this degree: Vocal/Keyboard and Instrumental Music. Please refer to the plan of study for the B.M.E. in music.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 43 hours (Music is included in the major therefore only 3 additional hours are required in Fine Arts/Foreign Language area) Specific general education requirements include 3 hours of U.S. history, 3 hours of world history, PSCI 2003, PSYC 2003; MUS 2013 is not required.

Education - 30 hours

E ED	4006	Student Teaching in the Elementary School
EDUC	2000	Educational Field Experience, Level I
EDUC	2003	Introduction to Education and Field Experience, Level I
PSYC	3013	Educational Psychology
EDUC	4003	Student Teaching Seminar
EDUC	4043	Assessment, Evaluation, and Measurement
S ED	3003	The Secondary and Middle School Curricula
S ED	4023	Supervised Field Experience Level II
S ED	4103	Student Teaching in the Secondary School II
SPED	4073	Survey of Exceptional Individuals

Music Literature - 9 hours

MULI	1013	Introduction to Music
MULI	4003	History of Music I
MULI	4103	History of Music II

Music Theory - 21 hours

MUTH	1093	Fundamentals of Music Theory*
MUTH	1003	Written Theory I
MUTH	1011	Applied Theory I
MUTH	1103	Written Theory II
MUTH	1111	Applied Theory II
MUTH	2003	Written Theory III
MUTH	2011	Applied Theory III
MUTH	2103	Written Theory IV
MUTH	2111	Applied Theory IV
MUTH	3012	Form and Analysis

Fundamentals of Music (MUTH 1093) taken in the first semester of study, is a remedial course. Credit for the course does not count towards the major requirements.

* Exemption with exam.

Applied music (major) - 14 hours

Class piano/Applied Piano – 4 hours

The piano requirement is fulfilled by passing the piano proficiency exam.

Music Ensemble – 7-8 hours

MUSR 4000 Senior Recital

Proficiency in piano and senior recital.

Instrumental majors are required to take Beginning Class Voice (MACV 1211). Instrumental majors are also required to enroll in a small instrumental ensemble (MUEN 1071/3071) once each year, adding another four credits to the major ensemble requirement.

Music Education – Majors must select one of the two tracks to complete major

Instrumental Music Track – 16 hours

MUED	1000	Concert and Recital Attendance (six semesters)
MUED	3001	Brass Methods
MUED	3011	Woodwind Methods
MUED	3012	Instrumental Conducting
MUED	3021	Percussion Methods
MUED	3053	Methods and Administration of Elementary School Music
MUED	3061	String Methods
MUED	3172	Marching Band Techniques
MUED	3203	Media Applications: Orchestration and Arranging
MUED	3212	Methods and Materials of Instrumental Music

Vocal/Keyboard Music Track – 13 hours

MUED	1000	Concert and Recital Attendance (six semesters)
MUED	3002	Choral Conducting
MUED	3031	Instrumental Survey
MUED	3053	Methods and Administration of Elementary School Music
MUED	3061	String Methods
MUED	3203	Media Applications: Orchestration and Arranging
MUED	3233	Methods and Materials in Choral Music

(Music P-8 and 7-12 does not require a minor.)

Minor in Music - 22 hours

MULI	1013	Introduction to Music
MUTH	1093	Fundamentals of Music Theory*
MUTH	1003	Written Theory I
MUTH	1011	Applied Theory I
MUTH	1103	Written Theory II
MUTH	1111	Applied Theory II

Music Ensemble - 2 hours

Applied Music - 6 hours

* Exemption with exam.

Applied Music Fees - Additional fees will be assessed for instruction in piano, organ, and other instruments.

When faculty load permits, a limited number of non-university students selected for their musical ability will be accepted for private lessons.

Department of Theatre and Mass Communication

D. David Murphy, M.F.A., chair

The Department of Theatre and Mass Communication offers programs designed to acquaint students with the nature of communication and to prepare them for theatre and professional work in a variety of fields. The department offers a bachelor's degree in theatre and a bachelor's degree in mass communication with an emphasis in digital media production or mass media. Courses are designed to prepare the major for work in theatre or mass communication as well as graduate study in theatre or mass communication. The non-major should gain the ability to participate effectively in the various forms of communication with an emphasis in digital media production or mass media. In addition, minor programs in theatre, digital media production, mass media and speech are available for students majoring in related fields.

The mass communication curriculum has a core of introductory courses common to all mass media fields and offers academic emphases in digital media production and mass media. The department also offers practical experience on the weekly student newspaper.

The theatre curriculum offers classroom training and production experience for the serious student of theatre, teachers in theatre, and the humanist seeking elective hours of work and study. SAU theatre offers four annual productions.

Major in Theatre (B.A.) - 124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours

Theatre - 36 hours

THEA	1103	Introduction to the Theatre
THEA	2013	Dance and Stage Movement
THEA	2033	Voice and Diction
THEA	2613	Stagecraft
THEA	2633	Fundamentals of Acting
THEA	3613	Costume and Make-Up
THEA	4633	Directing
THEA	4923	Project in Theatre

3 hours selected from the following:

THEA	3643	Theatre History I: Origins to 1600
THEA	3653	Theatre History II: 1600 to the Present
THEA	4663	Contemporary American Theatre

9 hours of theatre electives at the junior-senior level

Foreign language (6-8 hours), which may be fulfilled by freshman-level courses in the same language or a satisfactory score on a language proficiency exam AND six-semester hours of foreign language above the freshman level OR ENGL 3583 Shakespeare AND three semester hours of upper level literature (selected from ENGL 3483 Modern World

Literature, ENGL 3623 American Literature I, ENGL 3633 American Literature II, ENGL 3643 Literary Theory, ENGL 4623 British Literature I, ENGL 4633 British Literature II OR ENGL 4503 Creative Writing - Poetry Emphasis OR ENGL 4513 Creative Writing – Fiction Emphasis.

A minor is not required but is recommended.

Completion of remaining hours to total 124 hours, including the required 40 junior/senior hours.

Minor in Theatre - 18 hours

THEA	1103	Introduction to the Theatre
THEA	2013	Dance and Stage Movement
THEA	2613	Stagecraft
THEA	2633	Fundamentals of Acting

6 hours of theatre electives at the junior-senior level

Major in Mass Communication (B.A.) - 124 hours

Emphasis in Digital Media Production - 124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours

Mass Communication Core for Digital Media Production - 15 hours

MCOM	1003	Introduction to Mass Communication
MCOM	2123	Digital Image-Making
MCOM	2133	Basic Digital Photography
MCOM	4003	Media Law and Ethics
MM	2033	Reporting and Writing for the Mass Media

Digital Media Production – 21 hours

MPRO	2333	Audio and Video Production I
MPRO	2403	Electronic Media Design
MPRO	3333	Audio and Video Production II
MPRO	3403	Advanced Electronic Media Design
MPRO	4903	Senior Production Projects

6 hours selected from the following:

MPRO	2503	Visual Communication
MPRO	3503	Directed Study in Media Production I
MPRO	3603	Directed Study in Media Production II
MPRO	4203	Scriptwriting
MPRO	4703	Senior Portfolio Review
MPRO	4913	Media Production Internship

Foreign Language (6-8 hours), which may be fulfilled by freshman-level courses in the same language or a satisfactory score on a language proficiency exam AND six (6) hours of foreign language above the freshman level OR ENGL 3033 Advanced Professional

Writing OR ENGL 3103 Advanced Composition AND upper-level humanities course with a world studies or international focus. Courses may be selected from the areas of art, English, history foreign language, or political science with the approval of the advisor.

A minor is not required but is recommended.

Completion of remaining hours to total 124 hours, including the required 40 junior/senior hours.

Minor in Digital Media Production - 18 hours

MPRO	2333	Audio and Video Production I
MPRO	2403	Electronic Media Design
MPRO	2503	Visual Communication
MPRO	3333	Audio and Video Production II

6 hours selected from the following:

MPRO	3403	Advanced Electronic Media Design
MPRO	3503	Directed Study in Media Production I
MPRO	3603	Directed Study in Media Production II
MPRO	4203	Scriptwriting
MPRO	4703	Senior Portfolio Review
MPRO	4903	Senior Production Projects
MPRO	4913	Media Production Internship

Emphasis in Mass Media - 124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours (must include PSYC 2003 and SOC 2003)

Mass Communication Core for Mass Media - 9 hours

MCOM	1003	Introduction to Mass Communication
MM	2003	Reporting and Writing for the Mass Media
MCOM	4003	Media Law and Ethics

Mass Media – 15 hours

MPRO	2233	Audio and Video Production I
MKTG	3033	Principals of Marketing
MM	3103	Principals of Public Relations
MM	4013	Publicity, Media and Campaigns
MM	4123	International Mass Media

6 hours of upper level Mass Media Electives

Other Requirement - 6 hours

ART	3353	Multimedia and Web Design I
MIS	3003	Website Development for Business Commerce
MPRO	3333	Audio and Video Production II

(Students and advisors should be aware of any course prerequisites before selecting any of the above courses.)

Foreign language (6-8 hours), which may be fulfilled by freshman-level courses in the same language or a satisfactory score on a language proficiency exam AND six (6) semester hours of foreign language above the freshman level OR ENGL 3003 Advanced Professional Writing OR ENGL 3103 Advanced Composition AND upper-level humanities course with a world studies or international focus. Courses may be selected from the areas of art, English, history, foreign language, philosophy or political science with the approval of the advisor.

A minor is not required but is recommended.

The mass media advisor will work with students to determine a minor appropriate for their career goals or develop a set of courses that will prepare students for graduate work or employment in journalism and online publications, broadcast/video production/operations, public relations and marketing firms.

Completion of the remaining hours to total 124 hours, including the required 40 junior/senior hours.

Minor in Mass Media - 18 hours

MCOM	4003	Media Law and Ethics
MM	2033	Reporting and Writing for the Mass Media
MM	2133	Principals of Public Relations
MM	4013	Publicity, Media and Campaigns

6 hours of upper level Mass Media electives

Minor in Speech - 18 hours

SPCH	1113	Introduction to Public Speaking
SPCH	2033	Voice and Diction
SPCH	3123	Advanced Public Speaking
SPCH	3353	Oral Interpretation
SPCH	3413	Argumentation and Debate
SPCH	4203	Phonetics

**College of Liberal and Performing Arts
PACT 8 Degree Plans**

Associate of Arts in General Studies

Suggested Plan of Study

2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GSTD 1002 Freshman Seminar	2	HIST 2013 or 2023 U. S. History I or II	3
HIST 1003 or 1013 World History I or II	3	HS 1403 Health Science	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	SPCH 1113 Introduction to Public Speaking	3
Elective	3		
Total Semester Hours	17	Total Semester Hours	16
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003, or MUS 2013)	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Elective	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Elective	3
Elective	3	Elective	3
Total Semester Hours	16	Total Semester Hours	15

Total hours required for major – 64

Bachelor of General Studies

Suggested Plan of Study

2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GSTD 1002 Freshman Seminar	2	HIST 2013 or 2023 U. S. History I or II	3
HIST 1003 or 1013 World History I or II	3	HS 1403 Personal and Community Health	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	SPCH 1113 Introduction to Public Speaking	3
Elective	3		
Total Semester Hours	17	Total Semester Hours	16
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003, or MUS 2013)	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Primary Area of Concentration Elective	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	2nd Area of Concentration Elective	3
Primary Area of Concentration Elective	3	3rd Area of Concentration Elective	3
Total Semester Hours	16	Total Semester Hours	15
Fall – Semester 5		Spring - Semester 6	
UL Primary Area of Concentration	6	UL Primary Area of Concentration	6
2nd Area of Concentration	3	2nd Area of Concentration	3
3rd Area of Concentration	3	3rd Area of Concentration	3
Foreign Language	3	Elective	3
Total Semester Hours	15	Total Semester Hours	15
Fall – Semester 7		Spring - Semester 8	
Primary Area of Concentration	6	UL Primary Area of Concentration	3
2nd Area of Concentration	3	Electives	12
3rd Area of Concentration	3		
Elective	3		
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 124

Note 1: Student must complete twenty-five (25) UL hours in the last four (4) semesters for a total of forty (40) Jr./sr. hours.

Note 2: Activity courses cannot be used to fulfill the forty (40) hour Jr./sr. requirement.

Note 3: Student must complete three hours foreign language.

Primary Area of Concentration: 30 hours

2nd Area of Concentration: 12 hours

3rd Area of Concentration: 12 hours

Area of Concentration

Humanities	Business
Social Sciences	Health Sciences, HKR, Recreation and Exercise Science
Natural Sciences	Education

Bachelor of Fine Arts in Art & Design, Studio Track

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ART 1113 Drawing II	3
GSTD 1002 Freshman Seminar	2	HS 1403 Personal and Community Health or **PHED 1501 Health & Wellness and PHED 1__1 PE Activity	3
SPCH 1113 Introduction to Public Speaking	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Physical Science Choice/Lab (CHEM 1013/1011, CHEM 1023/ 1021, CHEM 1133/1131, GEOL 1002/1001, PHSC 2023/2021, PHYS 2003/2001 Or PHYS 2203/2201	4
ART1013 Drawing I	3	ART 1023 Three-Dimensional Design	3
ART 1043 Two-Dimensional Design	3		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ART 2023 Printmaking	3	ART 2103 Painting I	3
ART 2123 Digital Image Making	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
ART2133 Basic Digital Photography	3	ART 3363 Advanced Digital Photography	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
ART 2063 Ceramics I	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
ART 4013 Special Topics in Art I	3	ART 2143 Art History I	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Humanities choice (HUM 2003 or MUS 2013)	3
ART 3543 Figure Drawing	3	ART 3233 Painting II	3
ART 3063 Ceramics II	3	ART 3/4000 UL Art Elective	3
ART 3033 Printmaking II	3	HIST 2013 or 2023 U. S. History I/II	3
Total Semester Hours	15	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
ART 4023 Advanced Art Studio I	3	ART 4123 Advanced Art Studio II	3
ART 4133 Senior Art Seminar	3	ART 4033 History of Modern Art	3
ART 2153 Art History II	3	ART 4143 Senior Capstone Review	3
ART 4003 Sculpture	3	ART 4113 Special Topics in Art II	3
ART 4063 Art History Seminar I	3	HIST 1003 or 1013 World History I/II	3
Total Semester Hours	15	Total Semester Hours	15

* Jr./sr. Level elective if required for scholarship hours.

** If student takes PHED 1501 and one hour PE activity, one additional hour of free elective will be required.

Total hours required for major –124

Bachelor of Fine Arts in Art & Design, Communication Design Track

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
Physical Science Choice/Lab (CHEM 1013/1011, CHEM 1023/ 1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001 Or PHYS 2203/2201	4	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
GSTD 1002 Freshman Seminar	2	ART 1023 Three-Dimensional Design	3
ART 1013 Drawing I	3	ART 1113 Drawing II	3
ART 1043 Two-Dimensional Design	3	SPCH 1113 Introduction to Public Speaking	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3		
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ART 2123 Digital Image-Making	3	ART 2003 Introduction to Communications Design	3
ART 2063 Ceramics I	3	ART 2103 Painting I	3
HIST 1003 or 1013 World History I or II	3	PHED 1501 Health & Wellness and PHED 1__1 PE Activity	2
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
ART 2133/MCOM 2133 Basic Digital Photography	3	ART 2043 Layout & Production	3
Total Semester Hours	15	Total Semester Hours	14
Fall - Semester 5		Spring - Semester 6	
Humanities choice (HUM 2003 or MUS 2013)	3	ART 2143 Art History I	3
ART 3223 Illustration	3	ART 4353 Multimedia and Web Design II	3
ART 2163 Introduction to Typography	3	MKTG 3033 Principles of Marketing	3
ART 3353 Multimedia and Web Design I	3	ART 3083 Advanced Typography	3
ART 2023 Printmaking I	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
ART 3/4000 UL Art Elective	3		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
ART 3333 Advanced Communications Design	3	ART 4053 Package Design	3
ART 4013 Special Topics in Art I	3	ART 4033 History of Modern Art	3
ART 2153 Art History II	3	ART 4143 Senior Capstone Review	3
ART 4133 Senior Art Seminar	3	HIST 2013 or 2023 – US Hist. I or II	3
ART 4063 Art History Seminar	3	PSCI 2003, GEOG 2003 or ECON 2103 PSYC 2003 or SOC 2003	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 126

Behavioral and Social Sciences - Criminal Justice (B.A.)

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
GSTD 1002 Freshman Seminar	2	ENGL 1123 Composition II	3
ENGL 1113 Composition I	3	HIST 2013 or 2023 U.S. History I or II	3
HIST 1003 or 1013 World History I and II	3	PSYC 2003 General Psychology	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab	3
SOC 2003 Introduction to Sociology	3	PHED 1501 Activity and Wellness	1
SPCH 1113 Introduction to Public Speaking	3	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	14
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003, or MUS 2013)	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEO 1003/1001, PHSC 2023/2021, PHYS 2003/2001 or PHYS 2203/2201)	4
PSCI 2003 American Government: National	3	PSCI 2013 State and Local Government	3
CRJU 2003 Introduction to Criminal Justice	3	Minor Requirement	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CRJU 3073 Corrections	3	CRJU 3023 Criminal Evidence and Procedures	3
CRJU 3183 Statistics	3	UL CRJU elective	3
CRJU 3043 Criminal Law	3	CRJU 3003 Cultural Diversity	3
Minor Requirement	3	Minor Requirement	3
Foreign Language	4	Foreign Language	4
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
CRJU 3153 Research Methods	3	UL CRJU elective	3
CRJU 4033 Critical Issues	3	CRJU 4053 Criminology	3
CRJU 3013 Police Administration	3	UL Minor Requirement	3
UL Minor Requirement	3	UL Minor Requirement	3
Foreign Language	3	Foreign Language	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 125

Bachelor of Science in Criminal Justice

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
GSTD 1002 Freshman Seminar	2	ENGL 1123 Composition II	3
ENGL 1113 Composition I	3	SPCH 1113 Introduction to Public Speaking	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 2003 or 2013 U.S. History I or II	3
HIST 1003 or 1013 World History I or II	3	PSYC 2003 General Psychology	3
SOC 2003 Introduction to Sociology	3	MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab	3
PHED 1__1 PE Activity	1		
PHED 1501 Activity and Wellness	1		
Total Semester Hours		Total Semester Hours	
	16		15
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	Physical Science choice/Lab (PHSC 2023/2021, PHYS 2003/2001, PHYS 2202/2201, CHEM 1013/1011, CHEM 1023/1021, or CHEM 1133/1131)	4
PSCI 2003 American Government: National	3	PSCI 2013 State and Local Government: Arkansas and the US	3
CRJU 2003 Introduction to Criminal Justice	3	Minor Requirement	3
Total Semester Hours		Total Semester Hours	
	16		16
Fall - Semester 5		Spring - Semester 6	
CRJU 3073 Corrections	3	CRJU 3023 Criminal Evidence and Procedure	3
CRJU 3183 Statistics	3	UL CRJU elective	3
CRJU 3043 Criminal Law	3	Minor Requirement	3
Minor Requirement	3	CRJU 3003 Cultural Diversity	3
Elective	3	Elective	3
Total Semester Hours		Total Semester Hours	
	15		15
Fall - Semester 7		Spring - Semester 8	
CRJU 3153 Research Methods	3	CRJU 4053 Criminology	3
CRJU 4033 Critical Issues	3	UL CRJU elective	3
CRJU 3013 Police Administration	3	UL Minor Requirement	3
UL Minor Requirement	3	UL Minor Requirement	3
Elective	4	Elective	3
Total Semester Hours		Total Semester Hours	
	16		15

Total hours required for major – 124

Criminal Justice Electives

CRJU 3033 Criminal Investigation	CRJU 4004 Domestic Violence
CRJU 3043 Gang Behavior	CRJU 4013 Legal and Ethical Issues in Juvenile Justice
CRJU 3053 Juvenile Justice	CRJU 4033 Critical Issues
CRJU 3063 Substance Abuse	CRJU 4063 Field Practicum
CRJU 3083 Community Based Corrections	CRJU 4073 American Constitutional Law
CRJU 3093 Special Topics	CRJU 4093 Advanced Topics
CRJU 3113 Juvenile Law	CRJU 4103 Internship
CRJU 3123 Juvenile Rehabilitation and Corrections	CRJU 4113 Study of Terrorism
CRJU 3133 Fraud Examination and Prevention	

*Activity courses cannot be used to fulfill the forty (40) hour of Jr./Sr. requirement.

Behavioral and Social Sciences - Psychology (B.A.)

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 2013 or 2023 U.S. History I or II	3
GSTD 1002 Freshman Seminar	2	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
HIST 1003 or 1013 World History I and II	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
SOC 2003 Introduction to Sociology	3	PSYC 2003 General Psychology	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1501 Activity and Wellness	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CRJU 2003 Introduction to Criminal Justice	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
CSCI 1102/1101 Introduction to Computing/Lab or MIS 1003 Introduction to Computers	3	Foreign Language (Elementary)	4
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	*BIOL 1023 Vertebrate Zoology or Minor Elective	3
PHED 1501 or PHED Activity	1	PSYC 3183 Statistics	3
Minor Elective	3		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
PSYC 3093 Physiological and Comparative Psychology	3	PSYC 4013 Psychological Measurement	3
*BIOL 3033 Genetics or Minor Elective	3	PSYC 4043 History and Systems	3
Foreign Language (Elementary)	4	Foreign Language	3
PSYC 3153 Research Methods I	3	PSYC 3223 Developmental Psychology	3
Free Elective	3	Minor Elective	3
Total Semester Hours	16	Total Semester Hours	15
Semester 7		Semester 8	
PSYC 4073 Learning	3	PSYC 4153 Research Methods II	3
PSYC 4033 Abnormal Psychology	3	UL PSYC Elective	3
Foreign Language	3	*UL Elective	1
UL Minor Elective	3	Elective	2
UL Minor Elective	3	Minor Elective	3
Total Semester Hours	15	Total Semester Hours	12

Total hours required for Major – 125

Psychology Electives

EDUC 3013 Educational Psychology	PSYC 4063 Social Psychology
PSYC 3303 Cognitive Science	PSYC 4093 Career Planning in Psychology
PSYC 4023 Industrial and Organizational	PSYC 4113, 4213 Advances Topics
PSYC 4033 Abnormal Psychology	PSYC 4873 Honors Seminar
PSYC 4053 Theories of Personality	PSYC 4883, 4893 Field Practicum

*Note: Student must take either BIOL 1023, Vertebrate Zoology or BIOL 3033, Genetics.

*Activity courses cannot be used to fulfill the forty (40) Jr./Sr. hour requirement.

Bachelor of Science in Psychology

Suggested Plan of Study

2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 2013 or 2023 U.S. History I or II	3
GSTD 1002 Freshman Seminar	2	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
HIST 1003 or 1013 World History I and II	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
SOC 2003 Introduction to Sociology	3	PSYC 2003 General Psychology	3
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	17	Total Semester Hours	16
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Free elective	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Biological Science choice/lab BSCI 1013/1011 or BIOL 1103/1101	4	HS 1403 Personal and Community Health	3
MIS 1003 Introduction of Computers or CSCI 1102/1101 Introduction to Computing/Lab	3	PSYC 3183 Statistics	3
PSYC 3093 Physiological Comparative Psychology	3	Minor Requirement	3
Total Semester Hours	16	Total Semester Hours	15
Fall – Semester 5		Spring - Semester 6	
Computer Science Elective	3	PSYC 4013 Psychological Measurement	3
PSYC 3153 Research Methods I	3	PSYC 4043 History and Systems	3
UL PSYC Elective	3	PSYC 3223 Developmental Psychology	3
Minor Requirement	3	*BIOL 1023 Vertebrate Zoology or BIOL 3033 Genetics	3
Minor Requirement	3	UL PSYC Elective	3
Total Semester Hours	15	Total Semester Hours	15
Fall – Semester 7		Spring - Semester 8	
PSYC 4073 Learning	3	PSYC 4153 Research Methods II	3
PSYC 4033 Abnormal Psychology	3	PSYC Elective	3
UL Minor Elective	3	UL Minor Elective	3
UL Minor Elective	3	Free Elective	3
UL Free Elective	3	Free Elective	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major - 124

Psychology Electives

EDUC 3013 Educational Psychology	3	PSYC 4063 Social Psychology	3
PSYC 3303 Cognitive Science	3	PSYC 4093 Career Planning in Psychology	3
PSYC 4023 Industrial and Organizational Psychology	3	PSYC 4113, 4213 Advanced Topics	3
PSYC 4033 Abnormal Psychology	3	PSYC 4873 Honors Seminar	3
PSYC 4053 Theories of Personality	3	PSYC 4883, 4893 Field Practicum	3
PSYC 4063 Social Psychology	3		3

*Student must take an additional upper-level course if Vertebrate Zoology (BIOL 2023) is taken.

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

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 2013 or 2023 U.S. History I or II	3
GSTD 1002 Freshman Seminar	2	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HIST 1003 or 1013 World History I and II	3	PHED 1501 Health and Wellness	1
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	PHED 1__1 PE Activity	1
		PSYC 2003 General Psychology	3
		PSCI 2003 American Government: National	3
Total Semester Hours	15	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
SOC 2003 Introduction to Sociology	3	SWK 3183 Statistics	3
Physical Science choice/Lab (PHSC 2023/2021, PHYS 2003/2001, PHYS 2203/2201, CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, or GEOG 1003/1001)	4	Cultural Diversity option	3
MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab	3	Foreign Language	4
SPCH 1113 Introduction to Public Speaking	3	SWK 2043 Introduction to Social Work	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
Foreign Language	4	SWK 3113 Social Policy	3
SWK 3153 Research Methods I	3	SOC 3013 Social Problems	3
SWK 3023 Human Behavior and Social Environment I	3	SWK 3033 Human Behavior and Social Environment II	3
SWK 3003 Cultural Diversity	3	SWK 4063 Research Methods for Social Workers	3
SWK 2053 Community Service Learning	3	SWK 3123 Social Work Practice I	3
Total Semester Hours	16	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
SWK 4131 Field Practicum Seminar I	1	SWK 4231 Field Practicum Seminar II	1
PSYC 4033 Abnormal Psychology or PSYC 3223 Developmental Psychology	3	SWK 4331 Field Practicum Seminar III	1
SWK 4123 Social Work Practice II	3	SWK 4223 Social Work Practice III	3
Social Work Elective	3	Social Work Elective	3
International Elective	3	SWK 4874 Field Practicum II	4
SWK 4864 Field Practicum I	4	SWK 4884 Field Practicum III	4
		SWK 4141 Senior Seminar	1
Total Semester Hours	17	Total Semester Hours	17
Total hours required for major – 129			
International Options		Cultural Diversity	
GEOG 2003 Introduction to Geography		HIST 4093 African American History	
PSCI 3003 International Relations		HIST 3073 Modern Latin America	
PSCI 3193 Political Geography		MCUL 4993 Contemporary Hispanic Life and Culture	
PSCI 4203 Global Issues		PSCI 4043 African American Politics	
		HIST 3143 or SOC 3143 The North American Indian	

Behavioral and Social Sciences Sociology (B.A.)

Suggested Plan of Study 2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
SPCH 1113 Introduction to Public Speaking	3	HIST 2013 or 2023 U. S. History I or II	3
HIST 1003 or 1013 World History I or II	3	Foreign Language	4
SOC 2003 Introduction to Sociology	3	PSYC 2003 General Psychology	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	PHED 1501 Activity and Wellness	1
GSTD 1002 Freshman Seminar	2	Free Elective	3
Total Semester Hours	17	Total Semester Hours	17
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Physical Science (CHEM 1013/1011, CHEM 1023/1021, CHEM 1033/1031, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Foreign language	3
Foreign Language	4	CRJU 2003 Introduction to Criminal Justice	3
PHED 1__1 PE Activity	1	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
Total Semester Hours	15	Total Semester Hours	16
Fall – Semester 5		Spring - Semester 6	
Foreign Language	3	SOC Elective	3
SOC 3153 Research Methods I	3	SOC 4093 Research Methods in Sociology	3
SOC 3183 Statistics	3	UL SOC Elective	3
SOC Elective	3	Minor Requirement	3
Minor Requirement	3	UL Minor Requirement	3
Total Semester Hours	15	Total Semester Hours	15
Fall Semester 7		Spring - Semester 8	
SOC 3013 Social Problems	3	UL SOC Elective	3
Soc 4043 Sociological Theory	3	Elective	7
UL SOC Elective	3	UL Minor Elective	3
UL Minor Requirement	3	*UL Elective	1
UL Minor Requirement	3		
Total Semester Hours	15	Total Semester Hours	14

Total hours required for Major – 124

Sociology Electives

SOC 1003 General Anthropology	SOC 3043 Anthropology: Man in Prehistory
SOC 3003 Sociology of Minority Relations	SOC 4053 Criminology
SOC 3033 Sociology of Marriage and Family	SOC 4073 Social Gerontology
SOC 3143 Anthropology: North American Indian	SOC 4133 4233 Advanced Topics in Sociology

*Activity courses cannot be used to fulfill the forty (40) hours Jr./Sr. requirement.

Bachelor of Science in Sociology

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
PHED 1__1 PE Activity	1	HIST 2013 or 2023 U.S. History I or II	3
HIST 1003 or 1013 World History I or II	3	Free Elective	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	PSYC 2003 General Psychology	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	PHED 1501 Health and Wellness	1
GSTD 1002 Freshman Seminar	2	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Physical Science choice/Lab (PHSC 2023/2021, PHYS 2003/2001, PHYS 2203/2201, CHEM 1013/1011, CHEM 1023/1021 or CHEM 1133/1131)	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
SOC 2003 Introduction to Sociology	3	SOC 3013 Social Problems	3
CSCI 1101/1102 Introduction to Computing/Lab or MIS 1003 Introduction to Computers	3	SOC 3183 Statistics	3
SPCH 1113 Introduction to Public Speaking	3	Biological or Physical Science/Lab or CSCI or MIS 2053 Business Information Systems	3
Total Semester Hours	16	Total Semester Hours	15
Fall - Semester 5		Spring - Semester 6	
Biological or Physical Science/Lab or CSCI or MIS 2053 Business Information Systems	3	SOC Elective	3
SOC 3153 Research Method I	3	SOC 4093 Research Methods in Sociology	3
SOC Elective	3	SOC Elective	3
Minor Requirement	6	Minor Requirement	3
		UL Minor Requirement	3
Total Semester Hours	15	Total Semester Hours	15
Semester 7		Semester 8	
SOC 4043 Sociological Theory	3	UL SOC Elective	3
UL SOC Elective	3	UL Minor Requirement	3
UL Minor Requirement	3	*UL Elective	4
Electives	6	Electives	6
Total Semester Hours	15	Total Semester Hours	16

Total hours required for major – 124
Sociology Electives

SOC 1003 General Anthropology	SOC 3043 Anthropology: Man in Prehistory
SOC 3003 Minority Relations	SOC 4053 Criminology
SOC 3033 Sociology of Marriage and Family	SOC 4073 Social Gerontology
SOC 3143 Anthropology: North American Indian	SOC 4133 4233 Advance Topics in Sociology

*Activity courses cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.

Bachelor of Arts – English

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 2013 or 2023 U.S. History I or II	3
HIST 1003 or 1013 World History I or II	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
PHED 1501 Activity and Wellness	1	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
*FREN 1014 Elementary French or SPAN 1014 Elementary Spanish	4	*FREN 1024 Elementary French or SPAN 1024 Elementary Spanish	4
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	ENGL 2223 World Literature II	3
FREN 2033 Intermediate French or SPAN 2033 Intermediate Spanish	3	FREN 2043 Intermediate French or SPAN 2043 Intermediate Spanish	3
PSCI 2003 American Government: National	3	PHED 1__1 PE Activity	1
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	PSYC 2003 General Psychology	3
Minor Requirement or Elective	3	Minor Requirement or Electives	6
Total Semester Hours	16	Total Semester Hours	16
Jr./sr. Fall - Semester 5 (Even Years)**		Jr./sr. Spring - Semester 6 (Odd Years)**	
ENGL 3623 American Literature I	3	ENGL 3633 American Literature II	3
ENGL 3583 Shakespeare	3	UL English Elective	3
ENGL 3103 Advanced Composition	3	UL English Elective	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Minor Requirement	6
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	15	Total Semester Hours	15
Jr./sr. Fall - Semester 7 (Odd Years)**		Jr./sr. Spring - Semester 8 (Even Years)**	
ENGL 4623 British Literature I	3	ENGL 4633 British Literature II	3
ENGL 3483 Modern World Literature	3	UL English Elective	3
ENGL 3043 Comparative English Grammar	3	ENGL 4701 – Senior Project	1
UL English Elective	3		
UL Minor Requirement	3	Electives	7
Total Semester Hours	15	Total Semester Hours	14

Total hours required for major – 124

*if necessary as prerequisites for Spanish or French 2033, otherwise electives

**The upper division major courses are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division English Electives

ENGL 3003 Advanced Professional Writing	ENGL 4033 TESOL Methods and Materials
ENGL 3113 Topics in English Studies	ENGL 4103 Second Language Acquisition
ENGL 3213 Topics in World Literature	ENGL 4613 African-American Literature
ENGL 3653 Introduction to English Language Studies	ENGL 4653 Creative Writing Workshop
ENGL 3663 Special Topics in Early British Literature (to 1660)	ENGL 4683 Introduction to Francophone Literature
ENGL 3673 Special Topics in Later British Literature (since 1660)	ENGL 4693 Restoration and Eighteenth Century British Literature
ENGL 3783 American Literature: Topics I	ENGL 4783 American Literature: Topics II
ENGL 4023 Second Language Assessment	

Bachelor of Arts – English (Teaching Certification*)**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U.S. History I or II	3
HIST 1003 or 1013 World History I or II	3	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
PHED 1501 Activity and Wellness	1	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
*FREN 1014 Elementary French I or SPAN 1014 Elementary Spanish I	4	*FREN 1024 Elementary French II or SPAN 1024 Elementary Spanish II	4
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	ENGL 2223 World Literature II	3
FREN 2033 Intermediate French I or SPAN 2033 Intermediate Spanish II	3	FREN 2043 Intermediate French II or SPAN 2043 Intermediate Spanish II	3
PSCI 2003 American Government: National	3	PHED 1—1 PE Activity	1
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	SPCH 1113 Introduction to Public Speaking	3
		PSYC 2003 General Psychology	3
Total Semester Hours	16	Total Semester Hours	16
Jr./sr. Fall – Semester 5 (Even Years)**		Jr./sr. Spring - Semester 6 (Odd Years)**	
ENGL 3623 American Literature I	3	ENGL 3633 American Literature II	3
ENGL 3583 Shakespeare	3	ENGL 3683 Young Adult Literature	3
ENGL 3103 Advanced Composition	3	UL English Elective	3
ENGL 3653 English Language Studies	3	EDUC 4043 Assessment, Evaluation and Measurement	3
Total Semester Hours	12	Total Semester Hours	12
Jr./sr. Fall - Semester 7 (Odd Years)**		Jr./sr. Spring - Semester 8 (Even Years)**	
ENGL 4623 British Literature I	3	ENGL 4633 British Literature II	3
ENGL 3043 Comparative English Grammar	3	UL English Elective	3
ENGL 3483 Modern World Literature	3	ENGL 4701 Senior Project	1
SPED 4073 Survey of Exceptional Individuals	3	S ED 3013 M/M English/Speech	3
S ED 3003 Secondary and Middle School Curricula	3	S ED 4023 Field Experience II	3
Total Semester Hours	15	Total Semester Hours	13
Fall – Semester 9			
EDUC 4003 Student Teaching Seminar	3		
S ED 4006 Student Teaching I	6		
S ED 4103 Student Teaching II	3		
Total Semester Hours	12		

Total hours required – 129 ***NOTE: To be certified, graduates must also pass the Praxis II exams
 **The upper division major courses, listed on following page, are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division English Electives

ENGL 3003 Advanced Professional Writing	ENGL 4023 Second Language Assessment
ENGL 3113 Topics in English Studies	ENGL 4033 TESOL Methods and Materials
ENGL 3213 Topics in World Literature	ENGL 4613 African-American Literature
ENGL 3663 Special Topics in Early British Literature (to 1660)	ENGL 4653 Creative Writing Workshop
ENGL 3673 Special Topics in Later British Literature (since 1660)	ENGL 4683 Introduction to Francophone Literature
ENGL 3783 American Literature: Topics I	ENGL 4693 Restoration and 18th Century British Literature
ENGL 4013 Second Language Acquisition	ENGL 4783 American Literature: Topics II

Bachelor of Arts in Foreign Language: Spanish

Suggested Plan of Study 2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
SPAN 1014 Elementary Spanish I*	4	SPAN 1024 Elementary Spanish II*	4
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
PHED 1501 Activity and Wellness	1	Minor Requirement or Electives	3
GSTD 1002 Freshman Seminar	2	PHED 1--1 PE Activity	1
Minor Requirement or Electives	3		
Total Semester Hours	16	Total Semester Hours	15
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
SPAN 2033 Intermediate Spanish I	3	SPAN 2043 Intermediate Spanish II	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	SPCH 1113 Introduction to Public Speaking	3
Minor Requirement or Electives	3	Minor Requirement or Electives	3
Total Semester Hours	16	Total Semester Hours	15
Jr./sr. Fall - Semester 5 (Even Years)***		Jr./sr. Spring - Semester 6 (Odd Years)***	
UL Spanish	3	SPAN 4623 Spanish American Civilization**	3
SPAN 3993 Advanced Spanish Grammar**	3	SPAN 3193 Spanish-American Literature II**	3
UL Minor Requirement or Electives	3	UL Minor Requirement or Electives	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U. S. History I or II	3
Total Semester Hours	15	Total Semester Hours	15
Jr./sr. Fall - Semester 7 (Odd Years)***		Jr./sr. Spring - Semester 8 (Even Years)***	
SPAN 3163 Spanish Composition and Conversation**	3	SPAN 4823 Spanish Literature II**	3
UL Spanish	3	UL Spanish	3
UL Spanish	3	Minor or Electives	9
UL Minor or Electives	6	FL 4701 Senior Project	1
Minor or Elective	1		
FL 4001 Study Abroad/Immersion Experience	0		
Total Semester Hours	16	Total Semester Hours	16

Total hours required for major – 124 (Must have an additional 12 upper division hours in minor or electives beyond those required by major)

* If needed for SPAN 2033, otherwise electives.

**Options from among electives below are possible. See program description.

***The upper division major courses are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division Spanish Electives

SPAN 3003 Advanced Spanish for Professionals	SPAN 3883 Spanish Internship II
SPAN 3013 Spanish Translation I	SPAN 3973 Hispanic Linguistics
SPAN 3023 Spanish Translation II	SPAN 4623 Spanish-American Civilization
SPAN 3173 Advanced Comp and Conversation	SPAN 4813 Spanish Literature I
SPAN 3183 Spanish-American Literature I	SPAN 4923 Special Topics: Spanish Studies
SPAN 3323 Spanish English Translation I	SPAN 4933 Special Topics: Spanish-American Studies
SPAN 3333 Spanish English Translation II	SPAN 4943 Spanish Workshop
SPAN 3873 Spanish Internship I	SPAN 4993 Contemporary Hispanic Life and Culture

Bachelor of Arts in Foreign Language: Spanish with a Minor in Education

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
SPAN 1014 Elementary Spanish I*	4	SPAN 1024 Elementary Spanish II*	4
MATH 1023 College Algebra	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
PHED 1501 Activity and Wellness	1	Electives	3
GSTD 1002 Freshman Seminar	2	PHED 1__1 PE Activity	1
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	16	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
SPAN 2033 Intermediate Spanish I	3	SPAN 2043 Intermediate Spanish II	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	HIST 1003 or 1013 World History I or II	3
		Elective	1
Total Semester Hours	13	Total Semester Hours	13
Jr./sr. Fall - Semester 5 (Even Years)***		Jr./sr. Spring - Semester 6 (Odd Years)***	
SPAN 3993 Advanced Spanish Grammar	3	SPAN 4623 Spanish American Civilization**	3
UL Spanish	3	UL Spanish Elective	3
PSYC 2003 General Psychology	3	UL Spanish Elective	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U. S. History I or II	3
S ED 3003 Secondary and Middle School Curricula	3		
Total Semester Hours	15	Total Semester Hours	12
Jr./sr. Fall - Semester 7 (Odd Years)***		Jr./sr. Spring - Semester 8 (Even Years)***	
SPAN 3163 Composition and Conversation	3	SPAN 3973 Hispanic Linguistics	3
UL Spanish Elective	3	SPAN 4823 Spanish Literature II**	3
EDUC 3713 Methods and Materials Foreign Language	3	PSCI 2003 American Government: National	3
SPED 4073 Survey of Exceptional Individuals	3	EDUC 4043 Assessment, Evaluation and Measurement	3
S ED 4023 Field Experience II	3	FL 4100 Oral Proficiency Interview	0
FL 4001 Study Abroad/ Immersion Experience	0	FL 4701 Senior Project	1
Total Semester Hours	15	Total Semester Hours	13
Fall - Semester 9			
EDUC 4003 Student Teaching Seminar	3		
S ED 4006 Student Teaching I	6		
S ED 4103 Student Teaching II	3		
Total Semester Hours	12		

Total hours required for major – 124 * If needed for SPAN 2033, otherwise electives. **Options from among electives below are possible. See program description.

***The upper division major courses, listed on the following page, are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division Spanish Electives

SPAN 3003 Advanced Spanish for Professionals	SPAN 3873 Spanish Internship I
SPAN 3013 Spanish Translation I	SPAN 3883 Spanish Internship II
SPAN 3023 Spanish Translation II	SPAN 4623 Spanish-American Civilization
SPAN 3173 Advanced Composition and Conversation	SPAN 4623 Spanish Literature I
SPAN 3183 Spanish-American Literature I	SPAN 4923 Special Topics: Spanish Studies
SPAN 3193 Spanish-American Literature II	SPAN 4933 Special Topics: Spanish-American Studies
SPAN 3323 Spanish-English Interpretation I	SPAN 4943 Spanish Workshop
SPAN 3333 Spanish-English Interpretation II	SPAN 4993 Contemporary Hispanic Life and Culture

Bachelor of Arts in Foreign Language: French

Suggested Plan of Study 2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
FREN 1014 Elementary French I*	4	FREN 1024 Elementary French II*	4
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
PHED 1501 Activity and Wellness	1	Minor Requirement or Electives	3
GSTD 1002 Freshman Seminar	2	PHED 1—1 PE Activity	1
Minor Requirement or Electives	3		
Total Semester Hours	16	Total Semester Hours	15
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
FREN 2033 Intermediate French I	3	FREN 2043 Intermediate French II	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	SPCH 1113 Introduction to Public Speaking	3
Minor Requirement or Electives	3	Minor Requirement or Electives	3
Total Semester Hours	16	Total Semester Hours	15
Jr./sr. Fall - Semester 5 (Even Years)***		Jr./sr. Spring – Semester 6 (Odd Years)***	
FREN 3693 French Civilization	3	FREN 3993 Advanced French Grammar**	3
UL French	3	UL French	3
UL Minor or Electives	3	UL Minor Requirement or Electives	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U. S. History I or II	3
Total Semester Hours	15	Total Semester Hours	15
Jr/ Sr Fall - Semester 7 (Odd Years)***		Jr/ Sr Spring- Semester 8 (Even Years)***	
FREN 4283 Survey of French Literature I**	3	FREN 3163 French Composition and Conversation	3
UL French	3	FREN 4293 Survey of French Literature II	3
UL Minor Requirement or Electives	9	Minor Requirement or Electives	9
Minor/ Elective	1	FL 4701 Senior Project	1
Total Semester Hours	16	Total Semester Hours	16

Total hours required for major – 124 (Must have an additional 15 upper division hours in minor or electives beyond those required by major)

* If needed for FREN 2033, otherwise electives.

**Options from among electives below are possible. See program description.

***The upper division major courses are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division French Electives

FREN 3103 French for Business	FREN 4683 Introduction to Francophone Literature
FREN 3973 Introduction to French Linguistics	FREN 4903 Special Topics in French Studies
FREN 3981-3 French Internship	

Bachelor of Arts in Foreign Language: French with a Minor in Education

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
FREN 1014 Elementary French I*	4	FREN 1024 Elementary French II*	4
MATH 1023 College Algebra	3	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
PHED 1501 Activity and Wellness	1	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
GSTD 1002 Freshman Seminar	2	PHED 1—1 PE Activity	1
Electives	1		
Total Semester Hours	14	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
FREN 2033 Intermediate French I	3	FREN 2043 Intermediate French II	3
PSCI 2003 American Government: National	3	PSYC 2003 General Psychology	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	SPCH 1113 Introduction to Public Speaking	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	16	Total Semester Hours	15
Jr./sr. Fall - Semester 5 (Even Years)***		Jr./sr. Spring - Semester 6 (Odd Years)***	
FREN 3693 French Civilization	3	FREN 3993 Advanced French Grammar	3
UL French	3	UL French	3
Electives	3	EDUC 4043 Assessment, Evaluation and Measurement	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U. S. History I or II	3
Total Semester Hours	12	Total Semester Hours	12
Jr/ Sr Fall – Semester 7 (Odd Years)***		Jr/ Sr Spring- Semester 8 (Even Years)***	
FREN 4283 Survey of French Literature I**	3	FREN 3163 French Composition and Conversation	3
FREN 3973 Introduction to French Linguistics	3	UL French	3
SPED 4073 Survey of Exceptional Individuals	3	FL 4701 Senior Project	1
EDUC 3713 Methods and Materials of Teaching Foreign Language	3	Electives	3
S ED 4023 Field Experience II	3	S ED 3003 Secondary and Middle School Curricula	3
		FL 4100 Oral Proficiency Interview	0
Total Semester Hours	15	Total Semester Hours	13
Fall – Semester 9			
EDUC 4003 Student Teaching Seminar	3		
S ED 4006 Student Teaching I	6		
S ED 4103 Student Teaching II	3		
Total Semester Hours	12		

Total hours required for major – 124

Note: To be certified, graduates must also pass the Praxis II exams.

* If needed for FREN 2033, otherwise electives.

**Options from among electives below are possible. See program description.

***The upper division major courses are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Upper Division French Electives

FREN 3103 French for Business	FREN 4683 Introduction to Francophone Literature.**
FREN 3981-3 French Internship	FREN 4903 Special Topics in French Studies
FREN 4293 Survey of French Literature II**	

Bachelor of Arts in Foreign Language: Spanish and French

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	FREN 1024 Elementary French II*	4
FREN 1014 Elementary French I*	4	SPAN 1024 Elementary Spanish II*	4
PHED 1501 Activity and Wellness	1	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
GSTD 1002 Freshman Seminar	2	PHED 1--1 PE Activity	1
SPAN 1014 Elementary Spanish I*	4		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	SPCH 1113 Introduction to Public Speaking	3
SPAN 2033 Intermediate Spanish I	3	SPAN 2043 Intermediate Spanish II	3
FREN 2033 Intermediate French I	3	FREN 2043 Intermediate French II	3
Total Semester Hours	16	Total Semester Hours	15
Jr./sr. Fall - Semester 5(Even Years)***		Jr./sr. Spring - Semester 6(Odd Years)***	
SPAN 3993 Advanced Spanish Grammar**	3	SPAN 4623 Spanish American Civilization**	3
FREN 3693 French Civilization	3	FREN 3993 Advanced French Grammar**	3
UL Spanish	3	SPAN 3193 Spanish/American Literature II**	3
UL French	3	UL French	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U.S. History I or II	3
Total Semester Hours	15	Total Semester Hours	15
Jr./sr. Fall - Semester 7 (Odd Years)***		Jr./sr. Spring - Semester 8 (Even Years)***	
SPAN 3163 Spanish Composition and Conservation**	3	SPAN 4823 Spanish Literature II**	3
FREN 4283 French Literature I.**	3	FREN 3163 French Composition and Conversation	3
UL Spanish	3	UL Spanish	3
UL French	3	UL French	3
FL 4001 Study Abroad/Immersion Experience	0	FL 4701 Senior Project	1
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	15	Total Semester Hours	16

Total hours required for major – 125

*If needed as prerequisites for FREN/SPAN 2033, otherwise electives

**Options among the courses listed as electives are possible—see program description

***The upper division major courses, listed on the following page, are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above:

Semester 7, Semester 8, Semester 5, and Semester 6.

No minor is required.

Spanish/French Electives

SPAN 3003 Advanced Spanish for Professionals	SPAN 4813 Spanish Literature I
SPAN 3013 Spanish Translation I	SPAN 4933 Special Topics: Spanish /American Studies
SPAN 3023 Spanish Translation II	SPAN 4943 Spanish Workshop
SPAN 3173 Advanced Composition and Conversation	SPAN 4993 Contemporary Hispanic Life and Culture
SPAN 3183 Spanish American Literature I	FREN 3103 French for Business (online)
SPAN 3323 Spanish-English Interpretation I	FREN 3973 Introduction to French Linguistics
SPAN 3333 Spanish-English Interpretation II	FREN 3981-3 French Internship
SPAN 3873/3883 Spanish Internship I/II	FREN 4293 Survey of French Literature II
SPAN 3973 Hispanic Linguistics	FREN 4683 Introduction to Francophone Literature
SPAN 4623 Spanish-American Civilization	FREN 4903 Special Topics in French Studies
SPAN 4923 Special Topics: Spanish Studies	

Bachelor of Arts in Foreign Language

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	FREN 1024 Elementary French II*	4
FREN 1014 Elementary French I*	4	SPAN 1024 Elementary Spanish II*	4
PHED 1501 Activity and Wellness	1	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
GSTD 1002 Freshman Seminar	2	PHED 1__1 PE Activity	1
SPAN 1014 Elementary Spanish I*	4		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	SPCH 1113 Introduction to Public Speaking	3
SPAN 2033 Intermediate Spanish I	3	SPAN 2043 Intermediate Spanish II	3
FREN 2033 Intermediate French I	3	FREN 2043 Intermediate French II	3
Total Semester Hours	16	Total Semester Hours	15
Jr./sr. Fall - Semester 5 (Even Years)***		Jr./sr. Spring - Semester 6 (Odd Years)***	
UL Spanish	3	SPAN 4623 Spanish American Civilization**	3
FREN 3693 French Civilization	3	FREN 3993 Advanced French Grammar**	3
SPAN 3993 Advanced Spanish Grammar**	3	UL Minor/ Electives	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U. S. History I or II	3
Total Semester Hours	15	Total Semester Hours	15
Jr./sr. Fall - Semester 7 (Odd Years)***		Jr./sr. Spring - Semester 8 (Even Years)***	
SPAN 3163 Spanish Composition and Conversation**	3	SPAN 4823 Spanish Literature II**	3
FREN 4283 French Literature I.**	3	FREN 3163 French Composition and Conversation	3
UL Minor/Elective	3	Electives	8
UL Minor/Electives	6	FL 4701 Senior Project	1
FL 4001 Study Abroad/Immersion Experience	0		
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 124 (Must have an additional 12 upper division hours in minor or electives beyond those required by major)

*If needed as prerequisites for FREN/SPAN 2033, otherwise electives

**Options among the courses listed as electives are possible—see program description.

***The upper division major courses, listed on the following page, are on a two-year cycle. If a student enters the program in the fall of an odd year, the courses for the jr./sr. years will be taken in a different order from above: Semester 7, Semester 8, Semester 5, and Semester 6.

Spanish/French/Foreign Languages Electives

SPAN 3003 Advanced Spanish for Professionals	SPAN 4813 Spanish Literature I
SPAN 3013 Spanish Translation I	SPAN 4923 Special Topics: Spanish Studies
SPAN 3023 Spanish Translation II	SPAN 4933 Special Topics: Spanish /American Studies
SPAN 3173 Advanced Composition and Conversation	SPAN 4943 Spanish Workshop
SPAN 3183 Spanish American Literature I	SPAN 4993 Contemporary Hispanic Life and Culture
SPAN 3193 Spanish American Literature II	FREN 3103 French for Business (online)
SPAN 3323 Spanish-English Interpretation I	FREN 3973 Introduction to French Linguistics
SPAN 3333 Spanish-English Interpretation II	FREN 3981-3 French Internship
SPAN 3873-3883 Spanish Internship I and II	FREN 4283/4293 Survey of French Literature I/II
SPAN 3973 Hispanic Linguistics	FREN 4683 Introduction to Francophone Literature
SPAN 4623 Spanish-American Civilization	FREN 4903 Special Topics in French Studies

Bachelor of Arts in History

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	HIST 1003 or 1013 World History I and II	3
GSTD 1002 Freshman Seminar	2	Foreign Language	4
HIST 1003 or 1013 World History I and II	3	Social Science Choice ECON 2103 or FIN 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
PHED 1501 Activity and Wellness	1	SPCH 1113 Introduction to Public Speaking	3
Foreign Language	4		
Total Semester Hours		Total Semester Hours	
	16		16
Fall - Semester 3		Spring - Semester 4	
HIST 2013 or 2023 U. S. History I and II	3	HIST 2013 or 2023 U. S. History I and II	3
GEOG 2003 Introduction to Geography	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Biological Science/Lab BSCI 1013/1011 or BIOL 1103/1101	4	Physical Science/Lab (CHEM1013/1011 or CHEM1023/1021 or CHEM1133/1131 or GEOL1003/1001 or PHSC 2023/2021 or PHYS 2003/2002 or PHYS 2203/2201)	4
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	Social Science Choice ECON 2103 or FIN 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab or 2nd year Foreign Language	3	MIS 2053 Business Information Systems or 2nd year of Foreign Language	3
PE Activity	1		
Total Semester Hours		Total Semester Hours	
	17		16
Fall - Semester 5		Spring - Semester 6	
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
*HIST 3213 Eastern Thought or UL History Elective (Non U.S. History)	3	*HIST 3113 Western Thought or UL History Elective (Non US)	3
HIST 3133 Research Methods	3	Upper-level History Elective (US)	3
Minor Requirement	3	Minor Requirement	3
**Elective	3	UL Elective	3
Total Semester Hours		Total Semester Hours	
	15		15
Fall - Semester 7		Spring - Semester 8	
UL History Elective (US)	3	UL History Elective (US)	3
UL History Elective (non-US)	3	UL History Elective (Non US)	3
Minor Requirement	3	UL Minor Requirement	3
UL Minor Requirement	3	UL Minor Requirement	3
UL Elective	4	**Elective	1
Total Semester Hours		Total Semester Hours	
	16		13

Total hours required for major – 124

History Electives

HIST 3011/3111 Forum Contemporary Affairs I/II	HIST 3243 Modern American Politics
HIST 3053 The Middle East	HIST 4003 Europe 1815-1914
HIST 3063 Modern East Asia	HIST 4023 Europe 1618-1814
HIST 3073 Modern Latin America	HIST 4073 Civil War and Reconstruction
HIST 3083 History of Arkansas	HIST 4093 African American History
HIST 3093 American Foreign Policy	HIST 4103 American Social History since 1900
HIST 3113 Europe since 1914	HIST 4213 American Social History before 1900
HIST 3123 Russia and the Soviet Union	HIST 4323 Recent U.S. History
HIST 3143 The North American Indian	HIST 4363 Women in Europe
HIST 3173 Modern South Asia	HIST 4383/4393 Advanced Topics in World History
HIST 3183 African History	HIST 4483/4493 Advanced Topics in American History

* Student must take either Eastern Thought (HIST 3213) or Western Thought (HIST 3113).

** Activity courses cannot be used to fulfill the forty (40) Jr./Sr. hour requirement.

Bachelor of Arts in Political Science

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	PSCI 2013 State and Local Gov	3
PSCI 2003 American Government: National	3	HIST 1003 or 1013 World History I and II	3
GSTD 1002 Freshman Seminar	2	Biological Science/Lab BSCI 1013/1011 or BIOL 1103/1101	4
PHED 1501 Activity and Wellness	1	Foreign Language	4
Foreign Language	4	PHED 1__1 PE Activity	1
Total Semester Hours	16	Total Semester Hours	18
Fall - Semester 3		Spring - Semester 4	
SPCH 1113 Introduction to Public Speaking	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
GEOG 2003 Introduction to Geography	3	Physical Science/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U. S. History I/II	4
MIS 1003 Introduction to Computers or CSCI 1102/1101 Introduction to Computing/Lab or 2nd year of Foreign Language	3	MIS 2053 Business Information Systems or 2nd Year of Foreign Language	3
Free Elective	3		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
PSCI 3133 Research Methods	3	UL Political Science elective - choose from American Government and Institutions	3
PSCI 3213 Eastern thought or UL Political Science elective	3	UL Political Science Elective	3
UL Political Science choice from Foreign Affairs/International Relations	3	PSCI 3113 Western Thought or UL Political Science elective	3
UL Electives	3	Minor Requirement	3
Minor Requirement	3	UL Political Science Elective	3
Free Elective	3		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
UL Political Science Electives	3	UL Political Science Electives	3
Minor Requirement	3	UL Minor Requirement	3
Minor Requirement	3	UL Minor Requirement	3
UL Political Science Electives	3	UL Elective	4
Total Semester Hours	12	Total Semester Hours	13

Total hours required for major - 124

Foreign Affairs/International Relations

American Government and Institutions

PSCI 3003 International Relations	PSCI 3033 American Political Parties
PSCI 3093 American Foreign Policy	PSCI 3053 Public Administration: Organization
PSCI 3193 Political Geography	PSCI 3023 Modern American Politics
PSCI 4053 Comparative Public Policy	PSCI 4033 Legislative Process
PSCI 4083 Global Issues	PSCI 4073 American Constitutional Law
PSCI 4203 Comparative Politics	
Political Science Electives	
PSCI 3011, 3111 Great Decisions	PSCI 4043 African American Politics
PSCI 3053 Introduction to Pub Admin	PSCI 4333, 4343 Advanced Topics in Political Science
PSCI 3063 Public Administration	PSCI 4923 Political Science Internship

* Student must take either Eastern Thought (PSCI 3213) or Western Thought (PSCI 3113).

** Activity courses cannot be used to fulfill the forty (40) Jr./Sr. hour requirement.

Bachelor of Arts in Music

Suggested Plan of Study
2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Foreign Language	4
GSTD 1002 Freshman Seminar	2	MUTH 1011 Applied Theory I	1
SPCH 1113 Introduction to Public Speaking	3	MUTH 1003 Written Theory I	3
MA__ 1002 Primary Instrument	2	MA__ 1002 Primary Instrument	2
MUEN 1__1 Music Ensemble	1	MUEN 1__1 Music Ensemble	1
PHED 1501 Activity and Wellness	1	MULI 1013 Introduction to Music	3
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
MUTH 1093 Fundamental of Music Theory*	3		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
MUTH 1103 Written Theory II	3	MUTH 2003 Written Theory III	3
MUTH 1111 Applied Theory II	1	MUTH 2011 Applied Theory III	1
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Foreign Language	4	Foreign Language	3
MA__ 2002 Primary Instrument	2	MA__ 2002 Primary Instrument	2
MUEN 1__1 Music Ensemble	1	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
Humanities choice (ART 2013 or HUM 2003)	3	MUEN 1__1 Music Ensemble	1
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
PHED 1__1 PE Activity	1		
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
MUTH 2103 Written Theory IV	3	MUTH 3012 Form and Analysis	2
MUTH 2111 Applied theory IV	1	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
UL Elective	3	UL Elective	3
Foreign Language	3	HIST 1003 or 1013 World History I or II	3
MUEN 3__ Music Ensemble	1	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
UL Elective	3	MUEN 3__1 Music Ensemble	1
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4		
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
MULI 4003 History of Music I	3	MULI 4103 History of Music II	3
HIST 2013 or 2023 U.S. History I or II	3	UL Elective	3
MUEN 3__ Music Ensemble	1	UL Elective	3
UL Elective	3	UL Electives	8
UL Elective	3	MUEN 3__ Music Ensemble	1
UL Elective	3		
Total Semester Hours	16	Total Semester Hours	18
Primary Instrument Electives		*Exemption with exam Total hours required for major – 137	
MABS 1001-2002 Bassoon		MATP 4103 History of Music II	
MACL 1001-2002 Clarinet		MATR 1001-2002 Trombone	
MAEU 1001-2002 Baritone		MATU 1001-2002 Tuba	
MAFH 1001-2002 French Horn		MAVC 1001-2002 Voice	
MAFL 1001-2002 Flute		Major Ensemble Electives	
MAGU 1001-2002 Guitar		MUEN 1171, 3171 Concert Band	

MAOB 1001-2002 Oboe	MUEN 1151, 3151 Symphonic Wind Ensemble
MAOR 1001-2002 Organ	MUEN 1051,3051 Marching Band
MAPC 1001-2002 Percussion	MUEN 1061, 3061 Chamber Singers
MAPI 1001-2002 Piano	MUEN 1071, 3071 Instrumental Ensemble
MASA 1001-2002 Saxophone	MUEN 1081, 3081 Jazz Band
MAST 1001-2002 Strings	MUEN 1141, 3141 Heritage Singers

Bachelor of Music Education - Vocal/Keyboard

Suggested Degree Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	SPCH 1113 Introduction to Public Speaking	3
GSTD 1002 Freshman Seminar	2	MA_1002 Voice/Primary Instrument	2
MA__1002 Vocal/Choral	2	MACP 1101 Continued Class Piano	1
MUEN 1141 Heritage Singers	1	MUTH 1003 Written Theory I	3
HIST 1003 or 1013 World History I and II	3	MUTH 1011 Applied Theory I	1
MACP 1001 Beginning Class Piano	1	MULI 1013 Introduction to Music	3
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
MUTH 1093 Fundamental of Music Theory*	3	MUEN 1141 Heritage Singers	1
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
HIST 2013 or 2023 U. S. History I or II	3	MUTH 2011 Applied Theory III	1
MA__2002 Voice/Primary Instrument	2	MUTH 2003 Written Theory III	3
MAPI 2001 Piano	1	MA__2002 Voice/Primary Instrument	2
MUEN 1141 Heritage Singers	1	PHED 1501 Activity and Wellness	1
MUTH 1103 Written Theory II	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
MUTH1111 Applied Theory II	1	MAPI 2001 Piano	1
MUED 1000 Concert/Recital Attendance	0	MUEN 1141 Heritage Singers	1
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	MUED 1000 Concert/Recital Attendance	0
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
MUTH 2103 Written Theory IV	3	PSCI 2003 American Government: National	3
MUTH 2111 Applied theory IV	1	Humanities choice (ART 2013 or HUM 2003)	3
S ED 3003 Secondary and Middle School Curricula	3	MUED 3031 Instrumental Survey	1
MUED 3061 String Methods	1	MUED 3233 Methods and M of Choral Music	3
MUEN 3141 Heritage Singers	1	MUTH 3012 Form and Analysis	2
MA__3002 Primary Instrument	2	MUED 3203 Orchestra and Arranging	3
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	MUEN 3141 Heritage Singers	1
MUED 1000 Concert/Recital Attendance	0	MA__3002 Voice/Primary Instrument	2
		MUED 1000 Concert/Recital Attendance	0
Total Semester Hours	15	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
PSYC 2003 General Psychology	3	EDUC 3013 Educational Psychology	3
PHED 1__1 PE Activity	1	MULI 4103 History of Music II	3
MA__4001 Voice/Primary Instrument	1	MUEN 3141 Heritage Singers	1
MUEN 3141 Heritage Singers	1	MA__4001 Voice/Primary Instrument	1
MULI 4003 History of Music I	3	MUSR 4000 Senior Recital	0
S ED 4023 Supervised Field Experience Level II	3	MUED 3002 Choral Conducting	2
SPED 4073 Survey of Exceptional Individuals	3	MUED 3053 M & A Elementary School Music	3
		EDUC 4043 Assessment, Evaluation and Measurement	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 9			
EDUC 4003 Student Teaching Seminar	3		
E ED 4006 Student Teaching I	6		

S ED 4103 Student Teaching II	3		
Total Semester Hours	12		

Total hours required for major – 144
Fundamentals of Music (MUTH 1093) taken in the first semester of study, is a remedial course. Credit for the course does not count towards the major requirements. *Exemption with exam.

Bachelor of Music Education - Instrumental Music

Suggested Degree Plan of Study

2008 -2009 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	SPCH 1113 Introduction to Public Speaking	3
GSTD 1002 Freshman Seminar	2	MA__ 1002 Primary Instrument	2
MA__ 1002 Primary Instrument	2	MACP 1101 Continued Class Piano	1
MUEN 1051 Marching Band	1	MUEN 1__1 Symphonic Wind Ensemble/Concert Band	1
HIST 1003 or 1013 World History I or II	3	MUTH 1003 Written Theory I	3
MACP 1001 Beginning Class Piano	1	MUTH 1011 Applied Theory I	1
MACV 1211 Class Voice	1	MULI 1013 Introduction to Music	3
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
MUTH 1093 Fundamentals of Music Theory*	3	MUEN 1071 Instrument Ensemble	1
Total Semester Hours	19	Total Semester Hours	18
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
HIST 2013 or 2023 U. S. History I or II	3	MUTH 2011 Applied Theory III	1
MA__ 2002 Primary Instrument	2	MUTH 2003 Written Theory III	3
MAPI 2001 Piano	1	MUEN 1__1 Symphonic Wind Ensemble/Concert Band	1
MUEN 1051 Marching Band	1	MA__ 2002 Primary Instrument	2
MUTH 1103 Written Theory II	3	PHED 1501 Activity and Wellness	1
MUTH1111 Applied Theory II	1	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
MUED 1000 Concert/Recital Attendance	0	MAPI 2001 Piano	1
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	MUEN 1071 Instrument Ensemble	1
		MUED 1000 Concert/Recital Attendance	0
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
MUTH 2103 Written Theory IV	3	PSCI 2003 American Government: National	3
MUTH 2111 Applied Theory IV	1	Humanities choice (ART 2013 or HUM 2003)	3
S ED 3003 Secondary and Middle School Curricula	3	MUED 3203 Orchestra and Arranging	3
MUED 3__1 String, WW, Br, or Per Methods	1	MA__ 3002 Primary Instrument	2
MUEN 3051 Marching Band	1	MUTH 3012 Form and Analysis	2
MUED 3172 Marching Band Technique	2	MUEN 3071 Instrumental Ensemble	1
MA__ 3002 Primary Instrument	2	MUEN 3__1 Symphonic Wind Ensemble/Concert Band	1
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	MUED 3__1 String, WW, Br, or Per Methods	1
MUED 1000 Concert/Recital Attendance	0	MUED 1000 Concert/Recital Attendance	0
PHED 1__1 PE Activity	1		
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
MA__ 4001 Primary Instrument	1	EDUC 3013 Educational Psychology	3
MUED 3__1 String, WW, Br, or Per Methods	1	MUEN 3071 Instrumental Ensemble	1
MUEN 3051 Marching Band	1	MA__ 4001 Primary Instrument	1
MULI 4003 History of Music I	3	MUSR 4000 Senior Recital	0
SPED 4073 Survey of Exceptional Individuals	3	MUEN 3__1 Symphonic Wind Ensemble/Concert Band	1
S ED 4023 Supervised Field Experience II	3	MUED 3__1 String, WW, Br, or Per Methods	1
MUED 3212 M/M of Instrumental Music	2	MUED 3012 Instrumental Conducting	2

PSYC 2003 General Psychology	3		
		MUED 3053 M&A Elementary School Music	3
		MULI 4103 History of Music II	3
		EDUC 4043 Assessment, Evaluation and Measurement	3
Total Semester Hours	17	Total Semester Hours	18
Fall – Semester 9			
EDUC 4003 Student Teaching Seminar	3		
E ED 4006 Student Teaching I	6		
S ED 4103 Student Teaching II	3		
Total Semester Hours	12		

Total hours required for major –152

*Exemption with exam

Fundamentals of Music (MUTH 1093) taken in the first semester of study, is a remedial course. Credit for the course does not count towards the major requirements.

Bachelor of Arts in Theatre

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
GSTD 1002 Freshman Seminar	2	Foreign Language	4
HIST 1003 or 1013 World History I and II	3	THEA 2013 Dance and Stage Movement	3
THEA 1103 Introduction to Theatre	3	HIST 2013 or 2023 U. S. History I or II	3
THEA 2633 Fundamentals of Acting	3		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Foreign Language	4	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4	THEA 2613 Stagecraft	3
THEA 2033 Voice and Diction	3	HS 1403 Personal and Community Health	3
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
UL Foreign Language or ENGL 3583 Shakespeare (3) or UL Literature (4)	3	UL Foreign Language or UL Literature (2)	3
Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3	THEA 4633 Directing	3
Minor requirement or elective or THEA elective or UL elective	3	THEA 3613 Costume and Make-up	3
Minor requirement or elective or THEA elective or UL elective	3	UL THEA elective or minor requirement or elective or UL elective or ENGL 4503 or ENGL 4513 Creative Writing Workshop (5)	3
SPCH 1113 Introduction to Public Speaking	3	UL THEA elective or minor requirements elective of UL elective	3
Total Semester Hours	15	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
THEA 3643 Theatre History I or THEA 3653 American Theatre	3	UL THEA elective or minor requirements elective of UL elective	3
THEA 4923 Project in Theatre	3	UL THEA elective or minor requirements elective of UL elective	3
UL THEA elective or minor requirement or elective or UL elective or ENGL 4503 or ENGL 4513 Creative Writing Workshop (5)	3	UL THEA elective or minor requirements elective of UL elective	3
UL THEA elective or minor requirements elective of UL elective	3	UL THEA elective or minor requirements elective of UL elective	3
UL Minor Requirement	3	UL THEA elective or minor requirements elective of UL elective	4
Total Semester Hours	15	Total Semester Hours	16
Total hours required for major - 127			
Electives			
THEA 1101, 2101, 3101, 4101 Theatre Dance		THEA 3663 Performance in Shakespeare	
THEA 1301, 2301, 3301, 4301 Theatre Production Practicum		THEA 3673 Creative Dramatics	
THEA 2606, 4606 Summer Theatre Workshop		THEA 3813 Directed Study in Theatre	
THEA 3353 Oral Interpretation		THEA 4613 Theatre Design I: Scenery	
THEA 3533 Auditions in Business		THEA 4623 Theatre Design II: Lighting and Sound	
THEA 3573, 3583 Studies in Theatre		THEA 4913 Theatre Internship	

THEA 3593 Studies in Musical Theatre	THEA 4933 Special Problems
THEA 3633 Advanced Acting	

- (1) If a student chooses to take ENGL 3583 Shakespeare , they must first take ENGL 2213 and ENGL 2223
- (2) ENGL 3633 American Literature II is offered spring semesters, odd years.
- (3) ENGL 4623 British Literature II is offered spring semesters, even years
- (4) ENGL 3583, Shakespeare is offered fall semesters, even years; ENGL 3623 American Literature I is offered fall semesters, even years; ENGL 3643 Literary Theory is offered fall semesters, odd years; ENGL 4623 British Literature is offered fall semesters, odd years.
- (5) ENGL 4503 Creative Writing – Poetry Emphasis is offered as needed; ENGL 4513 Creative Writing – Fiction Emphasis is offered as needed.

**Bachelor of Arts Mass Communications with an emphasis in
Digital Media Production**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
GSTD 1002 Freshman Seminar	2	Foreign Language	4
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	MCOM 2133 Basic Digital Photography	3
MCOM 1003 Introduction to Mass Communication	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
SPCH 1113 Introduction to Public Speaking	3	Social Science Choice ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003	3
MCOM 2123 Digital Image Making	3		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
MPRO 2333 Audio and Video Production I	3	MPRO 3333 Audio and Video Production II	3
Foreign Language	4	Upper Level Foreign Language or Upper Level MPRO Elective or Minor Elective	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3
Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4	Biological Science choice/Lab BSCI 1013/1011 or BIOL 1103/1101	4
MM 2003 Reporting and Writing for the Mass Media	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
MPRO 2403 Electronic Media Design	3	MPRO 3403 Advanced Electronic Media Design	3
Upper Level Foreign Language or ENGL 3103 Advanced Composition or Upper Level Humanities (2)	3	ENGL 3003 Advanced Professional Writing or Upper Level Humanities (2)	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U. S. History I or II Elective	3
HIST 1003 or 1013 World History I or II	3	Minor Elective or Upper Level MPRO Elective	3
HS 1403 Personal and Community Health	3	Minor Elective or Upper Level MPRO elective	3
Total Semester Hours	15	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
MCOM 4003 Media Law and Ethics	3	MPRO 4903 Senior Production Projects	3
Minor Elective or Upper Level MPRO Elective	3	Minor Elective or Upper Level MPRO Elective	3
Minor Elective or Upper Level MPRO Elective	3	Minor Elective or Upper Level MPRO Elective	3
Minor Elective or Upper Level MPRO Elective	3	Minor Elective or Upper Level MPRO Elective	3
Minor Elective or Upper Level MPRO Elective	3	Minor Elective or Upper Level MPRO Elective	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 124-126

- (1) If a student chooses to take ENGL 3003, they must take ENGL 2213 and ENGL 2223 first.

- (2) Upper-level humanities course with a world studies or international focus. Courses may be selected from the areas of art, English, history, foreign language, or political science with the approval of the advisor. A minor is not required, but recommended.

Electives

MPRO 1301, 2301, 3301 4301 Digital Media Production Practicum	MPRO 4203 Scriptwriting
MPRO 2503 Visual Communication	MPRO 4703 Senior Portfolio Review
MPRO 3503 Directed Study in Media Production I	MPRO 4913 Media Production Internship
MPRO 3603 Directed Study in Media Production II	

Bachelor of Arts in Mass Communication with an emphasis in Mass Media

Suggested Plan of Study 2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra or MATH 1003 College Mathematics	3	Biological Sciences choice/Lab BSCI 1013/1011 or BIOL 1103/1101)	4
GSTD 1002 Freshman Seminar	2	HIST 2013 or 2023 U. S. History I or II	3
HIST 1003 or 1013 World History I or II	3	HS 1403 Personal and Community Health	3
MCOM 1003 Introduction to Mass Communication	3	Social Science Choice PSYC 2003 or SOC 2003	3
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	17	Total Semester Hours	16
Fall – Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy (1)	3
Foreign Language	4	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Social Science Choice PSYC 2003 or SOC 2003	3	Foreign Language	4
MM 2003 Reporting and Writing for the Mass Media	3	Physical Science choice/Lab (CHEM 1013/1011, CHEM 1023/1021, CHEM 1133/1131, GEOL 1003/1001, PHSC 2023/2021, PHYS 2003/2001, or PHYS 2203/2201)	4
MPRO 2233 Audio and Visual Production	3	Minor Elective or Upper Level Elective or Upper Level Mass Media Elective	3
Total Semester Hours	16	Total Semester Hours	17
Fall – Semester 5		Spring – Semester 6	
Upper Level Foreign Language or ENGL 3103 Advanced Composition, or Upper Level Humanities (2)	3	Upper Level Foreign Language or ENGL 3003 Advanced Professional Writing, or Upper Level Humanities (2)	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	MM 4103 Publicity, Media and Campaigns	3
MM 4123 International Mass Media	3	Upper Level Mass Media Elective	3
MM 3103 Principles of Public Relations	3	ART 3353 Multimedia and Web Design I, or MIS 3003 Website Development for Business Commerce, or MPRO 3333 Audio and Video Production II (3)	3
MKTG 3033 Principals of Marketing	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Total Semester Hours	15	Total Semester Hours	15
Fall – Semester 7		Spring - Semester 8	
MCOM 4003 Media Law and Ethics	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3	Minor Elective, Upper Level Elective, Upper Level Mass Media Elective	3
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 124-127

(1) If a student chooses to take ENGL 3003, they must take ENGL 2213 and ENGL 2223 first.

(2) Upper-level humanities course with a world studies or international focus. Courses may be selected from the areas of art, English, history, foreign language, or political science with the approval of the advisor.

A minor is not required, but recommended.

(3) Students and advisors should be aware of any course prerequisites before selecting any of these courses)

College of Science and Technology

Dr. Joe E. Winstead, dean

The College of Science and Technology is divided into five departments: Agriculture; Biology; Chemistry and Physics; Mathematics and Computer Science; and Nursing. These departments offer a variety of programs leading to baccalaureate and associate degrees. The college also contributes to the general education of those students majoring outside of the College of Science and Technology. The Center of Teaching Excellence in Math and Science, coordinated by the college, provides outreach programs and support for the public schools with the general service region of southwest Arkansas.

The mission of the college is to educate students in the basic and applied natural sciences, mathematics, computer science, agriculture, and nursing to prepare them to enter industrial, governmental, and professional careers as well as advanced degree studies.

General Requirements

Specific requirements for degrees in the various areas may be found under the departmental announcements, but candidates for the baccalaureate degrees in the College of Science and Technology must:

1. Comply with the general regulations governing baccalaureate degrees;
2. Complete a minimum of 124 semester hours;
3. Complete the general education requirements applicable to the desired degree;
4. Complete a suitable minor if required; and
5. Earn a cumulative grade point average of at least 2.00 in all courses taken in the major field. (The agricultural education and nursing programs require higher grade point averages.)

Pre-Professional Areas

Southern Arkansas University offers various curricula which will fulfill specific requirements for admission to programs in architecture, landscape architecture, chiropractic, dentistry, engineering, forestry, medicine, nursing, optometry, pharmacy, physical therapy, and veterinary medicine or allow a student to pursue a career in the related health sciences of cardiopulmonary science, dental hygiene, medical technology, nuclear medicine technology, occupational therapy, radiologic technology, and respiratory therapy. Students should consult the catalogs of the professional schools in which they are interested prior to or early in their undergraduate programs in order to be informed of the exact requirements they should plan to satisfy. For advisement in pre-professional areas, students should consult the dean of the College of Science and Technology for an advisor.

Since medical and dental schools and allied health programs vary considerably in their admission requirements, prospective students should familiarize themselves with the requirements of the school they wish to attend. In general, these requirements will include at least one year of biology, one year of college physics, and one to three years of college chemistry, college algebra, and trigonometry. It is recommended that the student also take upper-level courses in biology, biochemistry, physics, physical chemistry, cultural anthropology, sociology, and higher mathematics.

Programs of study need to be planned in close consultation with the faculty advisor. For favorable consideration by admission committees, students should present work meeting high standards, especially in the sciences, to merit strong recommendations from the faculty or medical science committee and to attain favorable scores on professional exams such as the MCAT, DAT, VCAT, OPAT, GRE, or PCAT admissions examinations.

Completion of these pre-professional programs does not assure admittance to any clinical program or professional school.

Assessment

The learning goals for each of the major programs and descriptions of the assessment procedures may be found in the departmental assessment reports on the SAU website under Academics and Assessment.

Degree Plans

PACT 8 and other degree plans are outlined at the end of the College of Science and Technology portion of this catalog.

Department of Agriculture

Jeffrey Miller, Ph.D., chair

The Department of Agriculture offers programs leading to the associate of science and bachelor of science degrees in agricultural business, agricultural education, and agricultural science.

Pre-professional programs are offered in forestry and veterinary medicine. Minors are offered in animal science, plant science and horticulture.

Students interested in careers in agricultural marketing, agricultural finance, international agricultural business, sales and services, or management of agricultural businesses may wish to major in agricultural business.

Students interested in careers in agricultural sciences, in pursuing graduate studies in agricultural sciences, or in obtaining a four-year degree prior to entering veterinary science may wish to major in agricultural sciences.

Students working in the cooperative extension service or related fields or teaching agriculture at the middle school or secondary education levels may wish to major in agricultural education.

Associate of Applied Science (A.A.S.) - 66 hours

The associate of science program is designed to fulfill the needs of students desiring to prepare themselves for positions in a field of agriculture that does not necessarily require a bachelor's degree.

Students earning the A.A.S. degree with a major in agricultural science complete 66 hours, including the following specific requirements:

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 38 hours

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Foreign Languages - 3 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation
3 hours		Foreign Language

Literature/Philosophy – 6 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Mathematics – 3 hours

MATH	1023	College Algebra
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Biological Science – 4 hours

BIOL	2083/2081	General Botany/Lab
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Physical Science - 4 hours

CHEM	1013/1011	College Chemistry I/Lab
CHEM	1023/1021	University Chemistry I/Lab

Physical and Health Education – 3 hours

HS	1403	Personal and Community Health
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Social Sciences – 6 hours

Requirement 1: 3 hours

HIST	1003	World History I
HIST	1013	World History II

Requirement 2: 3 hours

HIST	2013	U.S. History I
HIST	2023	U.S. History II
PSCI	2003	American Government: National

Agriculture Curriculum – 22 hours

AGRI	1002	Freshman Agriculture Orientation
AGRI	2003	Computer Application in Agriculture
AGEC	2073	Principles of Agricultural Economics
AGRO	1002/1001	Crops/Lab
AGRO	2013/2011	Soils/Lab
AS	1003/1001	Introductory Animal Science/Lab
FOR	1002/1001	Elements of Forestry/Lab

Other Requirements – 4 hours

CHEM	1113/1111	College Chemistry II/Lab
CHEM	1123/1121	University Chemistry II/Lab

Major in Agricultural Business (B.S.) –129 hours**University Requirement** – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 35 hours

Biological science, physical science, and mathematics courses are included in the major. Refer to PACT 8 degree plan for specific general education courses.

Agricultural Economics/Agricultural Sciences - 40 hours

AGEC	2073	Principles of Agricultural Economics
AGEC	3003	Marketing of Farm Products

AGEC	3043	Farm Management
AGEC	4013	International Business in Agriculture
AGRI	1002	Freshman Agriculture Orientation
AGRO	1002/1001	Crops/Lab
AGRO	2013/2011	Soils/Lab
AS	1003/1001	Introductory Animal Science/Lab
AS	3002/3001	Animal Physiology/Lab
AS	3022/3021	Feeds and Feeding/Lab
FOR	1002/1001	Elements of Forestry/Lab

6 hours of upper-level courses in agricultural economics and/or business with no more than 3 hours from business

Electives

4 hours of upper-level electives to be selected from agriculture and/or natural science

Business Core - 27 hours

ACCT	2003	Principles of Accounting I
ACCT	2103	Principles of Accounting II
ECON	2203	Principles of Macroeconomics
GBUS	2003	Legal Environment of Business
GBUS	2013	Quantitative Analysis I
GBUS	3183	Quantitative Analysis II
MGMT	3023	Organizational Theory and Behavior
MGMT	3063	Managerial Communications
FIN	3003	Financial Management

Biological and Physical Science - 15 hours

BIOL	2083/2081	General Botany/Lab
CHEM	1013/1011	College Chemistry I/Lab and
CHEM	1113/1111	College Chemistry II/Lab
or		
CHEM	1023/1021	University Chemistry I/Lab and
CHEM	1123/1121	University Chemistry II/Lab
MATH	1023	College Algebra
or		
MATH	1045	Pre-Calculus Mathematics

Other requirements - 3 hours

AGRI	2003	Computer Applications in Agriculture
or		
CSCI	1102/1101	Introduction to Computing/Lab

Three additional upper-level hours may be needed to complete the required 40 junior/senior hours.

No minor is required in this major.

Major in Agricultural Science (B.S.) 127 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 35 hours

Biological science, physical science, and mathematics courses are included in the major. Refer to PACT 8 degree plan for specific general education courses.

Agricultural Sciences – 44 hours

AGRI	1002	Freshman Agriculture Orientation
AGRI	2003	Computer Applications in Agriculture
AGRI	4003	Special Problems in Agriculture
AGRO	1002/1001	Crops/Lab
AGRO	2013/2011	Soils/Lab
AS	1003/1001	Introductory Animal Science/Lab
AS	3002/3001	Animal Physiology/Lab
AS	3033	Animal Nutrition
AS	3083	Genetics and Animal Breeding
ENTO	3073/3071	Entomology/Lab (same as BIOL 3073/3071)

12 hours of upper-level electives to be selected from animal science, agricultural engineering, agronomy, horticulture, or agricultural education (AGED 3003 only)

Agricultural Economics - 6 hours

AGEC 2073 Principles of Agricultural Economics
3 hours upper-level agricultural economics

Computer Science - 3 hours

CSCI 1102/1101 Introduction to Computing/Lab (Recommended)

Physical and Biological Science - 36-37 hours

BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics
MATH	3043	Introduction to Applied Probability and Statistics

No minor is required in this major.

The Department of Agriculture offers three minors providing a degree of specialization to enhance majors in Agriculture, Biology, Business, and other disciplines.

Minor in Animal Science - 22 hours

Students who are interested in integrating various areas of livestock production will complete 22 hours to be selected from the following:

AS	1003/1001	Introductory Animal Science/Lab
AS	3022/3021	Feeds and Feeding/Lab
AS	3083	Genetics and Animal Breeding
AS	3092/3091	Physiology of Reproduction/Lab
AGRO	3032/3031	Forage Crops and Pasture Management/Lab

6 hours of animal science electives chosen from:

AS	3012/3011	Poultry Production/Lab
AS	3102/3101	Equine Production/Lab
AS	4002/4001	Beef Production/Lab
AS	4012/4011	Swine Production/Lab
AS	4022/4021	Dairy Science/Lab

Minor in Horticulture - 22 hours

Students who are interested in working and connecting with the various areas of horticulture will complete 22 semester hours to be selected from the following:

AGRO	2013/2011	Soils/Lab
BIOL	2083/2081	General Botany/Lab
or		
BIOL	3303/3301	Systemic Botany/Lab
ENTO	3073/3071	Entomology/Lab (same as BIOL 3073/3071)
HORT	2002/2001	Principles of Horticulture/Lab
HORT	3002/3001	Foliage Plants and Greenhouse/Lab
HORT	3083/3081	Plant Physiology/Lab (same as BIOL 3083/3081)

Minor in Plant Science - 22 hours

Students interested in working/researching in the various areas of plant production will complete 22 hours from the following:

AGRO	1002/1001	Crops/Lab
AGRO	2013/2011	Soils/Lab
BIOL	2083/2081	General Botany/Lab
or		
BIOL	3303/3301	Systematic Botany/Lab
AGRO	3032/3031	Forage Crops and Pasture Management/Lab
HORT	3083/3081	Plant Physiology/Lab (same as BIOL 3083/3081)
ENTO	3073/3071	Entomology/Lab (same as BIOL 3073/3071)

Agricultural Education

Students interested in agricultural education should complete the courses which will fulfill the requirements for certification as an agricultural education instructor in the state of Arkansas. To obtain a bachelor of science (B.S.) degree in agricultural education, the student must earn a grade point average of 2.50 or higher in all agriculture courses, complete the pattern of courses listed in the degree plan, and fulfill the requirements listed in the section of this catalog for the College of Education for admittance to and completion of a program of professional education.

Major in Agricultural Education (B.S.) –137 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 47 hours

Biological science is included in the major.

English/Communication – 9 hours

ENGL 1113 Composition I
ENGL 1123 Composition II
SPCH 1113 Introduction to Public Speaking

Fine Arts/Foreign Language - 6 hours

ART 2013 Art Appreciation
HUM 2003 Film Appreciation
MUS 2013 Music Appreciation
3 hours of foreign language (Spanish recommended)

Literature/Philosophy - 6 hours

ENGL 2213 World Literature I
ENGL 2223 World Literature II
PHIL 2403 Introduction to Philosophy

Mathematics – 3 hours

MATH 1023 College Algebra

Physical Sciences – 8 hours

CHEM 1013/1011 College Chemistry I/Lab and
CHEM 1113/1111 College Chemistry II/Lab

or

CHEM 1023/1021 University Chemistry I/Lab and
CHEM 1123/1121 University Chemistry II/Lab

Physical Education – 3 hours

PHED 1501 Concepts of Physical Activity and Wellness

Two additional 1-hour PHED activities

or

HS 1403 Personal and Community Health

Social Science - 12 hours

3 hours selected from the following:

HIST 1003 World History I
HIST 1013 World History II

3 hours selected from the following:

HIST 2013 U.S. History I
HIST 2023 U.S. History II

Other requirements – 6 hours

AGEC 2073 Principles of Agricultural Economics
PSCI 2003 American Government: National

Agricultural Sciences - 31 hours

AGRI 1002 Freshman Agriculture Orientation

AGRI	2003	Computer Applications in Agriculture
AGRO	1002/1001	Crops/Lab
AGRO	2013/2011	Soils/Lab
AS	1003/1001	Introductory Animal Science/Lab
AS	3002/3001	Animal Physiology/Lab
AS	3022/3021	Feeds and Feeding/Lab
FOR	1002/1001	Elements of Forestry/Lab
HORT	2002/2001	Principles of Horticulture/Lab

3 hours of upper-level agricultural electives

Biological Sciences - 8 hours

BIOL	3032/3022	General Microbiology/Lab
ENTO	3073/3071	Entomology/Lab

Mechanical Technology - 13 hours

AGEN	3003/3001	Principles of Agricultural Engineering/Lab
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9 hours selected from the following:

AGEN	1001/1002	Agricultural Structures/Lab
AGEN	1011/1012	Environmental and Natural Resource Systems/Lab
AGEN	2001/2002	Agricultural Power, Machinery, and Equipment/Lab
AGEN	2021/2022	Agricultural Metals/Lab
AGEN	2031/2032	Agricultural Electrification/Lab

Education Requirements - 36 hours

AGED	3003	Leadership and Communication
AGED	4003	Methods of Teaching Agricultural Mechanics
AGED	4013	Methods in Agricultural Education
AGED	4023	Program Development
EDUC	2000	Educational Field Experience Level I
EDUC	2003	Introduction to Education and Field Experience, Level I
PSYC	4083	Adolescent Psychology
S ED	3003	Secondary and Middle School Curricula
SPED	4073	Survey of Exceptional Individuals
EDUC	4003	Student Teacher Seminar
S ED	4006	Student Teaching I
S ED	4103	Student Teaching II

No supporting field is required.

Pre-Forestry Program

Students in forestry have several options from which to choose their program. In general, through the proper selection of courses, students may select an option in forest management, forest wildlife management, forestry business administration, forest science, etc. This pre-forestry program is coordinated with the forestry major at the University of Arkansas at Monticello. Other schools may have other programs.

All freshman students who choose to major in forestry should pursue a common course outline, regardless of the option they wish to select. The selection of an option should be made by the beginning of the second semester of the sophomore year.

Pre-Forestry - 61 hours

ART	2013	Art Appreciation
BIOL	2083/2081	General Botany/Lab
CHEM	1013/1011	College Chemistry I/Lab
CHEM	1113/1111	College Chemistry II/Lab
CSCI	1102/1101	Introduction to Computing/Lab
or		
AGRI	2003	Computer Applications in Agriculture
ECON	2103	Principles of Microeconomics
or		
AGEC	2073	Principles of Agricultural Economics
ENGL	1113	Composition I
ENGL	1123	Composition II
ENGL	2213	World Literature I
ENGL	2223	World Literature II
or		
ENGL	3003	Advanced Professional Writing
ENGR	2012/2011	Elementary Surveying/Lab (same as AGEN 1012/1011)
FOR	1002/1001	Elements of Forestry/Lab
HIST	1013	World History II
HIST	2013	U.S. History I
or		
HIST	2023	U.S. History II
MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics
MUS	2013	Music Appreciation
PHYS	2003/2001	General Physics I/Lab
PSYC	2003	General Psychology
SPCH	1113	Introduction to Public Speaking

Pre-Veterinary Science Program

Today's veterinarian is a medically trained, scientifically-oriented professional, capable of rendering many services and accepting wide responsibilities in all areas of animal health and in many areas of public health. Such a challenging career stimulates the interest of students; therefore, the competition for vacancies in veterinary medicine schools is high.

While most of the pre-veterinary medicine curriculum can be completed in two years, many students are finding it advisable to spend three or even four years in completing these requirements. During this time, they also take additional courses leading to a degree in agricultural sciences. Many students are completing degrees before they enter a college of veterinary medicine.

Interested students should anticipate spending three to four years at college preparing for admission to any school of veterinary medicine. Students trying for admission need to maintain a high grade point average in college, especially in science courses.

After receiving the applications, some schools arrange for interviews with prospective students to gauge their interest and knowledge of veterinary medicine and their likely success as a veterinarian. Students should have previously gained exposure to veterinary medicine, possibly by working with one or more veterinarians.

The Department of Agriculture always stands ready to assist students in fulfilling their pre-veterinary medicine requirements whether they wish to do it in a two-year span or over three or four years. The supporting departments at the University – including biology, chemistry, and English – offer quality courses which provide students an excellent background for the pursuit of veterinary medicine.

The following program is an example of a two-year professional program for entrance into a school of veterinary medicine. The state of Arkansas has a contract with some out-of-state veterinary schools to enroll a limited number of students each year. Students not accepted after the two-year curricula may find it advantageous to pursue a course of study leading to a degree in agricultural sciences at SAU while preparing to be accepted by a school of veterinary medicine. The curriculum listed below meets entrance requirements for the LSU School of Veterinary Medicine. (Courses marked with an asterisk are required by Oklahoma State University.)

Pre-Veterinary Science - 66-69 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022*	General Microbiology/Lab
CHEM	1023/1021*	University Chemistry I/Lab
CHEM	1123/1121*	University Chemistry II/Lab
CHEM	3003/3001*	Organic Chemistry I/Lab
CHEM	4003/4001*	Biochemistry I/Lab
ENGL	1113*	Composition I
ENGL	1123*	Composition II
PHYS	2003/2001*	General Physics I/Lab
PHYS	2103/2101*	General Physics II/Lab
MATH	1023*	College Algebra
	and	
MATH	1033	Plane Trigonometry
	or	higher MATH
SPCH	1113	Introduction to Public Speaking
Electives - 17-18 hours		

Oklahoma State University also requires the following courses:

BIOL	3033/3031*	Genetics/Lab
CHEM	3103/3101*	Organic Chemistry II/Lab
ENGL	3003*	Advanced Professional Writing

Completion of the MCAT (Medical College Admissions Test), VCAT (Veterinarians College Admission Test), and GRE (Graduate Record Exam) is required the fall semester before submitting an application into a school of veterinary medicine.

A grade point average of 2.80 or higher is required.

Students should consult the pre-veterinary advisor concerning application forms and deadlines.

Department of Biology

James Rasmussen, Ph.D., chair

The Department of Biology offers a course of study leading to the bachelor of science degree in biology and other programs in general science. The curriculum is designed to emphasize the functional relationships within individual organisms, among populations of organisms, and between organisms and their environment.

The four-year degree program provides basic undergraduate preparation for graduate study or for professional employment.

Major in Biological Science (B.S.) – 124 hours**University Requirement – 2 hours**

GSTD	1002	Freshman Seminar
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General Education - 35 hours

Science and mathematics courses are included in major. Refer to PACT 8 degree plan for specific general education courses.

Biology - 38 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
BIOL	3033/3031	Genetics/Lab
BIOL	3043	Cell Biology
BIOL	3132/3111	Embryology/Lab
BIOL	4013/4011	Ecology/Lab
BIOL	4101	Biology Colloquium

6 additional upper-level hours in biology

BIOL 4022/4020 Immunology and Serology/Lab cannot be applied toward biology major or minor credit.

Completion of BIOL 2063/2061 Anatomy and Physiology I/Lab and BIOL 2073/2071 Anatomy and Physiology II/Lab with a C grade or higher in both can count as 4 upper-level hours toward the major in biology; however, these courses will not count toward the 40 junior/senior hours required for graduation.

Chemistry - 12 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab*

Math – 5-6 hours

MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics

Physics - 8 hours

PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab
or		
PHYS*	2203/2201	University Physics I/Lab
PHYS*	2213/2211	University Physics II/Lab

Other requirements – 6 hours

Major requirements also include one year of a foreign language at the University level, or CSCI 1102/1101 or equivalent, and MATH 3043 Introduction to Applied Probability and Statistics or PSYC 3183 Statistics.

21-28 hours coursework for minor field

*One year of organic chemistry and one year of university physics are recommended for pre-medical and pre-dental students. A chemistry minor is highly recommended for health pre-professional biology majors.

Minor in Biological Science I - 24 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3033	Genetics
BIOL	3093	Environmental Biology

or

BIOL	4013/4011	Ecology/Lab
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5-6 additional upper-level elective hours in biology to make a total of 24 hours

Minor in Biological Science II (Pre-health Professional) - 28 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
BIOL	3033/3031	Genetics/Lab
BIOL	3043	Cell Biology
BIOL	3123/3111	Embryology/Lab
BIOL	3401	Medical Terminology

General Science

The bachelor of science in general science offers a program of study in which students can elect a major emphasis in either the biological sciences or the physical sciences. The curriculum is designed with enough flexibility so that students may prepare for a number of professions such as medicine, dentistry, and various paramedical fields including optometry and physical therapy. Additionally, this curriculum provides a broad scientific background for students who wish to teach general physical science in the secondary schools.

Major in General Science (B.S.) - Plan I (Biological Science Emphasis)
125 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 35 hours

Science and mathematics courses are included in the major. Refer to PACT 8 degree plan for specific general education courses.

Biology - 20 hours

BIOL 1103/1101 Introduction to Biology/Lab

BIOL 2023/2021 Vertebrate Zoology/Lab

BIOL 2083/2081 General Botany/Lab

8 hours of biology electives (3000/4000 level recommended)

Chemistry - 12 hours

CHEM 1023/1021 University Chemistry I/Lab

CHEM 1123/1121 University Chemistry II/Lab

4 hours of chemistry electives (CHEM 3003/3001 Organic Chemistry/Lab recommended)

Language - 9 hours

ENGL 3003 Advanced Professional Writing

6-8 hours of foreign language

or

6 hours of computer science at sophomore level or above

Geology - 8 hours

GEOL 1003/1001 Physical Geology/Lab

GEOL 1013/1011 Historical Geology/Lab

Mathematics - 5-6 hours

MATH 1023 College Algebra

and

MATH 1033 Plane Trigonometry

or

MATH 1045 Pre-Calculus Mathematics

(MATH 1525 Calculus I is a co-requisite to PHYS 2203/2201 University Physics I/Lab)

Physics - 8 hours

PHYS 2003/2001 General Physics I/Lab

PHYS 2103/2101 General Physics II/Lab

or

PHYS 2203/2201 University Physics I/Lab and

PHYS 2213/2211 University Physics II/Lab

(MATH 1525 is a corequisite to PHYS 2203/2201 University Physics I/Lab)

12 hours of upper-level electives chosen from biology, chemistry, or physics.

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this plan.

Major in General Science (B.S.) - Plan I (Biological Science Emphasis)
with minor in Education - 140 hours

This option and plan, in cooperation with the SAU College of Education, is designed to provide licensure as a teacher of general science under certification of Life/Earth Science standards as determined by the Arkansas Department of Education.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 35 hours (Science and mathematics courses are included in the major.)

Biology- 31 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
BIOL	3033/3031	Genetics/Lab
BIOL	4013/4011	Ecology/Lab
BIOL	4891	Independent Research in Biology

or

BIOL	4991	Independent Research in Biology
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6 hours upper-level biology electives

Chemistry - 16 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab

Physics – 12 hours

PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab
PHYS	4003/4001	Astronomy/Lab

Geology- 8 hours

GEOL	1003/1001	Physical Geology/Lab
GEOL	1013/1011	Historical Geology/Lab

Math- 6 hours

MATH	1023	College Algebra
MATH	1033	Plane Trigonometry

Education - 30 hours

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
EDUC	4043	Assessment, Evaluation, and Measurement
S ED	3003	Secondary and Middle School Curricula
S ED	3113	Methods and Materials of Science and Math

S ED	4023	Supervised Field Experience Level II
SPED	4073	Survey of Exceptional Individuals
S ED	4006	Student Teaching I
S ED	4103	Student Teaching II
EDUC	4003	Student Teaching Seminar

Pre-Professional and Introductory Training Programs

The departmental organization of the various pre-professional programs is to provide maximum flexibility and contemporary course work and scientific background to allow the student to be competitive in admission to the professional school or program desired.

Chiropractic Medicine as a Career

Most schools or colleges of chiropractic medicine require pre-professional education of approximately 60 semester hours leading to a baccalaureate degree in a college or university before granting admission.

Students wishing to pursue a course of study in chiropractic medicine should consult a catalog of schools which he or she plans to attend. The SAU curriculum can then be aligned to meet specific requirements of the chosen school.

Dentistry as a Career

The Council on Dental Education of the American Dental Association has established minimum requirements for admission to dental schools. Basic requirements are built around successful completion of 60 semester hours of college credits with appropriate science classes including both lecture and labs. Dental schools do not encourage students to apply with minimal preparation as selection of applicants is based on the demonstration of superior qualification in personal maturity and academic competence. Three, and preferably four, years of undergraduate preparation are necessary to provide students with those qualifications. Pre-dental students generally follow the curriculum designed for the biology major and a minor of their choice or the pre-medicine curriculum outlined in this catalog. Students should work closely with the pre-dental advisor and should consult the requirements of specific dental schools.

Pre-Dental Hygiene

The dental hygienist is a health educator and health care provider concerned with the prevention of dental disease. Dental hygienists perform their services for patients under the supervision of a licensed dentist. Because dental hygiene is a relatively young profession, many confuse it with dental assisting or dental laboratory technology. Although all three are classified as dental auxiliaries, usually only the dental hygienist is qualified by education or licensure to perform a direct service to the patient.

In Arkansas, the dental hygiene program is located at the University of Arkansas for Medical Sciences, College of Health Related Professions, in Little Rock. Application procedures are very structured and restricted. Students wishing to pursue admission to this dental hygiene program should consult early and frequently with that institution to correlate their pre-dental hygiene training with application requirements. Arkansas residency is considered during selection for admission. The SAU courses outlined below closely relate to the current pre-dental hygiene curriculum at University of Arkansas Medical Sciences. Please refer to www.uams.edu for the most current course outline.

Pre-Dental Hygiene - 39 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	1023/1021	Vertebrate Zoology/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1023/1021	University Chemistry I/Lab
CSCI	___3	Computer Science elective
ENGL	1113	Composition I
ENGL	1123	Composition II
ENGL/PHIL*	___3	Literature I or Introduction to Philosophy
ART/MUS*	___3	Art Appreciation or Music Appreciation
HIST	2013	U.S. History I

or

HIST	2023	U.S. History II
HIST*	1003	World History I
HIST*	1013	World History II
MATH	1023	College Algebra
PSYC	2003	General Psychology
SOC	2003	Introduction to Sociology
SPCH	1113	Introduction to Public Speaking

*These 12 hours are required for the bachelor's degree

Medical Technology as a Career

Most medical technology programs require 70 – 80 hours of specific university courses before application to the program is allowed. Some programs similar to the one at The University of Arkansas of Medical Sciences (UAMS) have an accelerated 12-month program for those applicants that already have completed a bachelor's degree in biology, chemistry, or some related field from a regionally accredited university like Southern Arkansas University. The course listing below is for UAMS.

Pre-Medical Technology - 72 hours**General Education – 46 hours including****English/Communication - 9 hours**

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking

Fine Arts/Humanities - 3 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Literature/Philosophy– 3 hours

ENGL	2213	World Literature I
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Social Science - 15 hours6 hours selected from the following:

HIST	1003	World History I
HIST	1013	World History II

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II
PSCI	2003	American Government: National

Other - 6 hours required

ECON	2103	Principles of Microeconomics
GEOG	2003	Introduction to Geography
PSYC	2003	General Psychology
SOC	1003	General Anthropology
	or	
SOC	2003	Introduction to Sociology

Science and Mathematics - 42 hours

BIOL	3032/3022	General Microbiology/Lab
BIOL	2063/2061	Anatomy and Physiology I/Lab
BIOL	2073/2071	Anatomy and Physiology II/Lab
CHEM	1013/1011	College Chemistry I/Lab
CHEM	1113/1111	College Chemistry II/Lab
MATH	1023	College Algebra

Biological Science electives – 8 hours

Others electives - 11 hours recommended from computer science, statistics, management, genetics, organic chemistry, bio-chemistry, and quantitative analysis.

Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credits are not acceptable to fulfill chemistry and biological science requirements.

Pharmacy as a Career

Completion of a pharmacy degree requires five to six years, with two of those years spent at SAU. The suggested program of pre-pharmacy study at SAU will meet the general requirements of most pharmacy schools and can be modified to satisfy the needs of the individual student. Admission to a school of pharmacy may be obtained after completion of a two to three-year pre-pharmacy program. A satisfactory score on the Pharmacy College Admissions Test (PCAT) is required. However, many students find it to be an advantage to have completed a four-year degree in chemistry or biology. The following schedule prepares students for admission into the College of Pharmacy at the University of Arkansas for Medical Sciences. Arkansas residency is considered during selection for admission to UAMS. Pharmacy school requirements vary for each institution. Application procedures are very structured and restricted. Students wishing to pursue admission to any specific pharmacy program should consult early and frequently with that institution to correlate their pre-pharmacy training with application requirements.

Pre-Pharmacy - 65 hours

ACCT	2003	Principles of Accounting I
BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1023/1021	University Chemistry I/Lab

CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
ECON	2103	Principles of Microeconomics
ENGL	1113	Composition I
ENGL	1123	Composition II
HIST	2013	U.S. History I
MATH	1525	Calculus I
PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab

13 hours of electives from history, sociology, literature, or psychology

Refer to the UAMS College of Pharmacy website for updates to the pre-pharmacy requirements.

Optometry as a Career

Professional optometry schools have four-year programs that generally require at least three years of preparatory work with applicants having a four-year degree given preferential consideration. Students may complete the bachelor's degree in any area so long as they include all courses required for admission to the specific optometry school to which they apply. Applicants must also take the Optometry Admission Test (OAT), and admission depends largely upon academic performance. The SAU pre-optometry curriculum outlined below generally follows the majority of professional optometry school requirements.

Pre-Optometry - 94-95 hours

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Biology/Lab
BIOL	2063/2061	Anatomy and Physiology I/Lab
BIOL	2073/2071	Anatomy and Physiology II/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
ECON	2203	Principles of Macroeconomics
ENGL	1113	Composition I
ENGL	1123	Composition II
ENGL	2213	World Literature I
ENGL	2223	World Literature II
MATH	1023	College Algebra and
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I
MATH	1545	Calculus II
MATH	4073	Introduction to Probability and Statistics
PHED	1501	Concepts of Physical Activity and Wellness
PHYS	2003/2001	General Physics I/Lab and
PHYS	2103/2101	General Physics II/Lab
or		

PHYS	2203/2201	University Physics I/Lab and
PHYS	2213/2211	University Physics II/Lab
PSYC	2003	General Psychology
PSYC	3223	Developmental Psychology
SOC	2003	Introduction to Sociology
SPCH	1113	Introduction to Public Speaking

3-4 hours of biology or chemistry electives

Physical Therapy as a Career

Nationwide, nearly all physical therapy programs are at the masters or doctoral level. Currently the Physical Therapy Professional School in Arkansas is located at the University of Central Arkansas in Conway. Most states adjacent to Arkansas have similar programs. For admission, an undergraduate (B.S.) degree is required with most applicants having a major in biology and a minor in psychology. Applicants may be required to take the Allied Health Profession Admissions Test (AHPAT) and most programs require the Graduate Record Exam (GRE) before admission.

Pre-Physical Therapy

The B.S. degree in biology that must include the following:

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2063/2061	Anatomy and Physiology I/Lab
BIOL	2073/2071	Anatomy and Physiology II/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
BIOL	3373	Introduction to Neuroscience
BIOL	3401	Medical Terminology
BIOL	4213	Histology
CHEM	1023/1021	University Chemistry I
CHEM	1123/1121	University Chemistry II
or		
CHEM	1013/1011	College Chemistry I
CHEM	1113/1111	College Chemistry II
ENGL	3003	Advanced Professional Writing
MIS	1033	Introduction to Computers
or		
MIS	2053	Business Information Systems
PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab
PSYC	2003	General Psychology
PSYC	3183	Statistics
or		
MATH	3043	Introduction to Applied Probability and Statistics
or		
GBUS	2013	Quantitative Analysis I
PSYC	___3	PSYC elective

Pre-Radiologic Technology

The objective of the pre-professional curriculum in radiologic technology is to provide learning experiences that will qualify its students to seek admission to professional radiologic technology programs. Students can choose from associate's degrees at South Arkansas Community College or University of Arkansas for Medical Sciences locations

in Little Rock, Texarkana or Hope. Also, students may pursue a bachelors program through UAMS.

Courses at Southern Arkansas University that would help prepare a student transfer to a Radiologic Health degree program would include: CSCI 1102/CSCI1101, Introduction to Computing/Lab; PSYC 2003, General Psychology; ENGL 1113, Composition I; ENGL 1123, Composition II; BIOL 2063/2061, Anatomy and Physiology I /Lab, BIOL 2073/2071, Anatomy and Physiology II /Lab.

Pre-Respiratory Therapy

The objective of the pre-professional curriculum in respiratory therapy is to provide learning experiences that will qualify its students to seek admission to a professional respiratory care program. At the University of Arkansas for Medical Sciences, the Department of Respiratory Care offers a bachelor of science degree program in Little Rock and Texarkana. The pre-professional portion (prerequisites) of the curriculum consists of specified courses taken at any accredited college or university. The professional portion of the curriculum is offered over two years (including a summer semester).

Application Procedures and Deadlines

Class size is limited and not all applicants are selected for participation in the program. Early application is encouraged. Application for fall semester admission to the professional phase of the program must be made between September 1 and May 15 in any academic year. Individuals selected for admission will be notified by the chairman of the department. Applications may be accepted after the deadline depending on class capacity. Individuals are encouraged to apply early, as qualified applicants may receive conditional acceptance to the program prior to application deadline. Students should contact their professional school of choice as early as possible to verify pre-professional requirements and obtain information about application procedures.

Pre-Respiratory Therapy Curriculum

Science:

BIOL	2063/2061	Anatomy and Physiology I/Lab
BIOL	2073/2071	Anatomy and Physiology II/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1013/1011	College Chemistry I/Lab
PHYS	2003/2001	General Physics I/Lab*
CSCI	1102/1101	Introduction to Computer Science Applications

Liberal Arts:

ENGL	1113	Composition I
ENGL	1123	Composition II
HIST	2013	U.S. History I
or		
HIST	2023	U.S. History II
HIST	1003	World History I
HIST	1013	World History II

Mathematics:

MATH	1023	College Algebra
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Communication:

SPCH 1113 Introduction to Public Speaking

Social Science:

PSYC 2003 General Psychology

SOC 2003 Introduction to Sociology

Fine Arts:

ART 2013 Art Appreciation

or

MUS 2013 Music Appreciation

Humanities - 3 hours

3 credit hours selected from the following:

Philosophy, Political Science, or Literature

Electives - 12 credit hours

A grade of C or better is required in each of the above courses.

Documentation of successful completion is required by the date of registration for the first semester.

*MATH 1023 College Algebra is a prerequisite for PHYS 2003 General Physics I, which is offered only in the fall semester.

Pre-Veterinary Medicine

A biology major with an appropriate minor and other support courses will also provide the pre-professional curriculum necessary to successfully seek application for admission to veterinary medicine schools. Students interested in applying to veterinary school should study and follow the suggested curriculum of the specific school. See page 211 for general requirements of veterinary programs in Louisiana and Oklahoma.

Department of Mathematics and Computer Science

Yujiang Shan, Ph.D., chair

The mission of the department is seven-fold. One is to prepare students for careers in both mathematics and computer science. Another is to prepare students for advanced graduate training in both mathematics and computer science. A third is to prepare elementary, middle-school, and secondary teachers in the content areas of mathematics and computer science which are essential to their bachelor of science in education program (see the section of this catalog for the College of Education). A fourth is to prepare graduate students in the content area of mathematics essential for the master of education degree. A fifth is to provide both minor programs to support a variety of major programs and service courses in mathematics and computer science in support of other departmental major and minor programs. A sixth is to support the general education program. The final mission is to offer developmental courses to prepare students for college-level mathematics.

The department offers bachelor of science degrees in mathematics and computer science. The B.S. in mathematics provides two options: one option offers a curriculum that adheres to the standards of the Mathematical Association of America and relates to students interested in professional or graduate programs requiring extensive math backgrounds. The other option adheres to the standards of the National Council of Teachers of Mathematics for those preparing to teach in public or private schools and requires completion of a minor in teacher education. The curriculum in the Computer Science degree adheres to the professional standards of the Association for Computer Machinery. The department also offers minors in mathematics and computer science.

Major in Mathematics (B.S.)

124 hours (Mathematical Association of American Standards)

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 39 hours (mathematics and physical science courses are included in the major)

Mathematics - 37 hours

MATH	1525 (1)	Calculus I
MATH	1545	Calculus II
MATH	2563	Calculus III
MATH	2753	Linear Algebra
MATH	3033	Differential Equations
MATH	3063	Abstract Algebra
MATH	3083	Principles of Analysis

12 hours of electives in mathematics selected from the following:

MATH	4003	College Geometry
MATH	4023	Point-Set Topology
MATH	4033	Introduction to Complex Variables
MATH	4043	Numerical Analysis
MATH	4073	Introduction to Probability and Statistics

MATH	4123	History of Mathematics
MATH	4613	Special Topics

Physical Science - 8 hours

CHEM	1013/1011	College Chemistry I/Lab and
CHEM	1113/1111	College Chemistry II/Lab

or

CHEM	1023/1021	University Chemistry I/Lab and
CHEM	1123/1121	University Chemistry II/Lab

or

PHYS	2203/2201	University Physics I/Lab and
PHYS	2213/2211	University Physics II/Lab

Language - 6-9 hours

CSCI	2103(3)	Computer Science I
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3 additional hours of computer science at or above the sophomore level

or

6 hours of a foreign language at the university level

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this major.

**Major in Mathematics (B.S.) with Minor in Education
optional teaching certification**

124 hours – National Council of Teachers of Mathematics Standards

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 39 hours (Mathematics and physical science courses are included in the major.)

Mathematics - 37 Hours

MATH	1525	Calculus I
MATH	1545	Calculus II
MATH	2033	Discrete Mathematics
MATH	2753	Linear Algebra
MATH	3063	Abstract Algebra
MATH	4003	College Geometry
MATH	4053	Higher Order Thinking in Mathematics
MATH	4073	Introduction to Probability and Statistics
MATH	4123	History of Mathematics

6 additional hours selected from:

MATH 3033, MATH 3083, MATH 4023, MATH 4033, MATH 4043,
MATH 4613

Computer Science - 6 hours

CSCI	2103	Computer Science I
CSCI	2113	Computer Science II

Physics - 8 hours

PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab

or

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab

Education - 30 hours

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
EDUC	4043	Assessment, Evaluation, and Measurement
S ED	3003	Secondary and Middle School Curricula
S ED	3113	Methods/Materials Science and Math
S ED	4023	Supervised Field Experience Level II
SPED	4073	Survey of Exceptional Individuals
S ED	4006	Student Teaching I
S ED	4103	Student Teaching II
EDUC	4003	Student Teaching Seminar

Minor in Mathematics - 19 hours

MATH	1525(1)	Calculus I
MATH	1545	Calculus II
MATH	2753	Linear Algebra

6 hours selected from the following:

MATH	3033	Differential Equations
MATH	3063	Abstract Algebra
MATH	3083	Principles of Analysis
MATH	4003	College Geometry
MATH	4023	Point-Set Topology
MATH	4033	Introduction to Complex Variables
MATH	4043 (2)	Numerical Analysis
MATH	4073	Introduction to Probability and Statistics
MATH	4123	History of Mathematics
MATH	4613	Special Topics

Major in Computer Science (B.S.) - 124 hours**University Requirement - 2 hours**

GSTD	1002	Freshman Seminar
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General Education - 39 hours (mathematics and physical science courses are included in the major)

Computer Science and Management Information Systems - 42 hours

CSCI	2103 (3)	Computer Science I
CSCI	2113	Computer Science II
CSCI	3063	High Level Language
CSCI	3103	Data Structures and Algorithms

CSCI	3203	Assembler and Machine Organization
CSCI	3703	Computer Architecture
CSCI	4133	Operating Systems
CSCI	4143	Programming Languages and Compilers
CSCI	4153	Software Engineering
MIS	3403	Database Management Systems

12 hours of electives selected from the following:

CSCI	3133	Advanced UNIX/LINUX
CSCI	3403	Artificial Intelligence
CSCI	3903	Special Topics in Computer Science
CSCI	4163	Computer Graphics
CSCI	4173	Computerized Simulations
CSCI	4413	Web Programming
MATH	4043 (2)	Numerical Analysis

Mathematics - 19 hours

MATH	1525 (1)	Calculus I
MATH	1545	Calculus II
MATH	2033	Discrete Mathematics
MATH	2753	Linear Algebra
MATH	4073	Introduction to Probability and Statistics

Physics - 8 hours

PHYS	2003/2001	General Physics I/Lab and
PHYS	2103/2101	General Physics II/Lab
or		
PHYS	2203/2201	University Physics I/Lab and
PHYS	2213/2211	University Physics II/Lab

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this major.

Minor in Computer Science (4) - 21 hours

CSCI	2103 (3)	Computer Science I
CSCI	2113	Computer Science II
CSCI	3063	High Level Language
CSCI	3103	Data Structures and Algorithms
CSCI	3203	Assembler and Machine Organization
CSCI	4133	Operating Systems
MATH	2033 (5)	Discrete Mathematics

Notes:

1. MATH 1525 requires either MATH 1023 and MATH 1033 or MATH 1045 as a prerequisite.
2. MATH 4043 requires MATH 3033 as a prerequisite.
3. CSCI 1102/1101 or an equivalent is recommended as a prerequisite for CSCI 2103.
4. MATH 1525 is strongly recommended for a computer science minor.
5. MATH 2033 requires MATH 1023 as a prerequisite.

The minors in mathematics and computer science are designed to serve the entire University and are particularly attractive when added to any major in that they increase both employment opportunities and graduate school options. The minor in computer science, when combined with a mathematics major or an engineering-physics major, would prepare the student to pursue graduate study in computer science.

Department of Nursing

Bernadette Fincher, Ph.D., R.N., chair

The Department of Nursing at Southern Arkansas University offers an Associate of Science degree in nursing (ADN) and a Bachelor of Science degree in nursing (BSN). The LPN-RN Fast Track is an option within the ADN program. The RN-BSN Completion program is an option within the BSN program. The ADN program is approved by the Arkansas State Board of Nursing (ASBN). The BSN program has initial approval by the ASBN. The ADN and BSN degrees are accredited by the National League for Nursing Accrediting Commission (NLNAC). Interested parties (students, graduates, and other parties associated with the program) may contact the NLNAC to express any statement or concern at the following: National League for Nursing Accrediting Commission, 3343 Peachtree Road, NE, Suite 500, Atlanta, Georgia, 30326, or www.nlnac.org.

Due to the nature of professional training in the field of nursing, successful completion of academic courses provides only a partial indication of student competency. Therefore, all students in the nursing program, with the exception of RN-BSN students, are required to pass a standardized comprehensive computerized exam in order to successfully meet the requirements for the degree. More information concerning this exam is available on the nursing website at www.saumag.edu/nursing.

Associate of Science in Nursing

Associate degree nursing education prepares the graduate to function as an entry-level registered nurse providing direct care to persons as individuals and members of families/groups in structured and unstructured health care settings. The ADN program consists of four academic semesters plus two summer semesters. It includes 31 hours of credit in the general education courses and 39 hours of credit in nursing courses.

Nursing courses with a clinical component include a 1:1 credit hour to contact hour ratio for theory and a 1:3 credit hour to contact hour ratio for clinical learning experiences. For example, a seven hour credit nursing course consists of four credit/four contact hours of theory and three credit/nine contact hours of clinical learning experiences a week. Students are required to complete an average of nine contact hours a week of clinical learning experiences over a 15-week semester, or 135 clinical hours.

Nursing Curriculum Support Courses (NCSC)*

BIOL	2063/2061	Anatomy and Physiology I/Lab
BIOL	2073/2071	Anatomy and Physiology II/Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1013/1011	College Chemistry/Lab
ENGL	1113	Composition I
ENGL	1123	Composition II
MATH	1023	College Algebra
PSYC	2003	General Psychology

3 hours selected from:

SOC	3013	Social Problems
SOC	3033	Marriage and Family
SOC	4073	Social Gerontology

*A minimum 2.50 GPA is required in Nursing Curriculum Support Courses (NCSCs). GPA for admission to the department will be calculated based on NCSCs completed at the time of application. NCSCs are not prerequisites. It is not necessary to complete all courses in order to apply to the program; however, all science courses **must be completed before NURS 2018 Medical/Surgical Nursing I.**

Major in Nursing – (A.S.) – 70 hours

General Education and other requirements – 31 hours

English – 6 hours

ENGL	1113	Composition I
ENGL	1123	Composition II

Mathematics – 3 hours

MATH	1023	College Algebra
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Science – 16 hours

BIOL	2063/2061	Anatomy and Physiology I /Lab
BIOL	2073/2071	Anatomy and Physiology II / Lab
BIOL	3032/3022	General Microbiology/Lab
CHEM	1013/1011	College Chemistry I/Lab

Social Science – 6 hours

PSYC	2003	General Psychology
SOC	3033	Sociology of Marriage and Family

or

SOC	3013	Social Problems
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or

SOC	4073	Social Gerontology
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Nursing Curriculum – 39 hours

NURS	1001	Clinical Calculations
NURS	1207	Care of the Non-Acute Individual**++
NURS	1217	Women's Health and Care of the Neonate***++
NURS	2018	Medical/Surgical Nursing I++
NURS	2143	Care of the Child
NURS	2208	Medical/Surgical Nursing II++
NURS	2223	Care of the Individual's Mental Health
NURS	2401	Pharmacology I
NURS	2411	Pharmacology II

**NURS 1417 LPN to RN Transition satisfies requirement for NURS 1207 and NURS 1217

++ Courses with a clinical component

NURS 1201, NURS 1211, NURS 2101, NURS 2111 - STEPS for Success are required for students repeating any ADN course due to failing grade or those students who do not successfully complete end of course specialty standard exams. Students who do not pass one of these courses will receive a non credit on their transcript and will not be allowed to continue in the nursing program. There is a potential that a student would be required to take each of the above said courses.

Admission into the ADN Program

To be considered for admission into the associate degree program in nursing the student must:

1. Be admitted to SAU with regular or conditional admission status and maintain a 2.00 GPA while attending SAU. Transfer students currently enrolled in other universities at the time of application will be considered for admission into the nursing program if the following documents are on file in the SAU Office of Admissions: completed SAU admissions application form, valid ACT or SAT scores, completed high school transcript or GED scores, college transcripts through the previous semester, and required immunization records. International students must contact the International Student Services office for advising. Admission to the University does not mean automatic admission to the Department of Nursing. See www.saumag.edu/nursing website for application deadlines.
2. Completion of a standardized preadmission examination administered through the Office of Counseling and Testing. This is for diagnostic purposes and serves as one of the ranking criteria for admission into the ADN program. A minimum of 70 is recommended in each module and composite scores.
3. Priority ranking will be given to those who have successfully completed MATH 1023 (College Algebra) or its equivalent.
4. Priority ranking will be given to those who have successfully completed CHEM 1013/1011 (College Chemistry I/Lab) or its equivalent. A 3-hour chemistry course or chemistry course without lab does not meet the chemistry requirement.
5. Priority ranking will be given to those who have completed NCSC hours in the SAU campus.
6. Have a minimum 2.50 GPA in Nursing Curriculum Support Courses (NCSCs). GPA for admission to the department will be calculated based on NCSCs completed at the time of application. NCSCs are not prerequisites. It is not necessary to complete all courses in order to apply to the program; however, all science courses **must be completed before NURS 2018 Medical/Surgical Nursing I**.
7. NCSCs must be completed with a C or better.
8. Have proof of Hepatitis B vaccination, TB screening, and current American Heart Association CPR certification.
9. To comply with mandates from clinical agencies utilized by the SAU Department of Nursing, students enrolled in all nursing programs are required at the initial semester of enrollment and yearly thereafter to have criminal background checks, driving history record checks, and urine drug screens in order to remain enrolled in any nursing course. All screenings are conducted at the expense of the individual student. More information and pricing are available on the nursing website at www.saumag.edu/nursing.
10. Realize if an injury occurs in the clinical setting, the student is responsible for all applicable cost related to the injury. Students are strongly encouraged to obtain health insurance. Information concerning health insurance available for SAU students may be accessed at the following website: www.saumag.edu.

11. Submit a completed Department of Nursing application form according to the deadlines posted on the nursing website. Application forms may be obtained from the Department of Nursing or from our website, www.saumag.edu/nursing. Enclose a copy of all unofficial college transcripts.
12. Mail application and unofficial transcripts to:

Southern Arkansas University
Department of Nursing
ADN APPLICATION
P.O. Box 9406
Magnolia, AR 71754-9406

Or deliver to Wharton Nursing, room 201A.

Admission into the ADN program for Transfer Nursing Students

Transfer requests are considered on an individual basis. In addition to the requirements for admission into the ADN program, students requesting transfer from another nursing program are also required to provide a letter from the program dean/chair/director of eligibility to re-enter their previous nursing program in order to be eligible for consideration in the SAU nursing program. If a student has failed a nursing course, the request for transfer is classified as an academic re-entry request and re-entry policies apply. If a student has failed more than one nursing course, they are not eligible for consideration for entry into the SAU nursing program. Transfer equivalency information for Nursing Curriculum Support Courses is available through the Academic Advising and Assistance Center or can be accessed through www.saumag.edu/admissions.

Admission into the ADN program for LPN to RN “Fast Track”

To be considered for admission to the LPN to RN “Fast Track” the student must:

1. Be a graduate of a State Board of Nursing approved LPN or LPTN program.
2. Meet work experience requirement:
 - a. Less than 12 months after LPN/LPTN graduation: no skills competency testing required for admission to transition option.
 - b. Greater than 12 months after LPN/LPTN graduation: no skills competency testing required if during past 12 to 24 months have had at least 1,000 hours of nursing employment. Employment verification letter must be provided with application.
3. Have a current, unencumbered LPN or LPTN license in the state of nursing practice.
4. Be admitted to SAU with regular or conditional admission status and maintain a 2.00 GPA at SAU. Transfer students currently enrolled in other universities at the time of application will be considered for admission into the nursing program if the following documents are on file in the SAU Office of Admissions: completed SAU admissions application form, valid ACT or SAT scores, completed high school transcript or GED scores, college transcripts through the previous semester, and required immunization records. International students must contact the International Student Services Office for advising. Admission to the University does not mean automatic admission

to the Department of Nursing. See www.saumag.edu/nursing website for application deadlines.

5. Complete a standardized preadmission examination administered through the Office of Counseling and Testing. This is for diagnostic purposes and serves as one of the ranking criteria for admission into the ADN program. A minimum score of 70 is recommended.
6. Priority ranking will be given to those who have successfully completed MATH 1023 (college algebra) or its equivalent.
7. Priority ranking will be given to those who have successfully completed CHEM 1013/1011 (college chemistry I/lab) or its equivalent. A 3-hour chemistry course or a chemistry course without a lab does not meet the chemistry requirement.
8. Priority ranking will be given to those who have completed Nursing Curriculum Support Courses (NCSC) hours on the SAU campus.
9. Have a minimum 2.50 GPA in NCSC. GPA for admission to the department will be calculated based on NCSCs completed at the time of application. NCSCs are not prerequisites. It is not necessary to complete all courses in order to apply to the program; however, all science courses **must be completed before entering NURS 2018 Medical/Surgical Nursing I**.
10. Have proof of Hepatitis B vaccination, TB screening, and current American Heart Association CPR certification.
11. To comply with mandates from clinical agencies utilized by the SAU Department of Nursing, students enrolled in all nursing programs are required at the initial semester of enrollment and yearly thereafter to have criminal background checks, driving history record checks, and urine drug screens in order to remain enrolled in any nursing course. All screenings are conducted at the expense of the individual student. More information and pricing are available on the nursing website at www.saumag.edu/nursing.
12. Realize if an injury occurs in the clinical setting, the student is responsible for all applicable cost related to the injury. Students are strongly encouraged to obtain health insurance. Information concerning health insurance available for SAU students may be accessed at the following website: www.saumag.edu.
13. Submit a completed Department of Nursing application according to the deadlines posted on the nursing website. Application forms may be obtained from the Nursing Department or from our website at www.saumag.edu/nursing. Enclose a copy of all unofficial college transcripts.
14. Submit application and all unofficial transcripts to the Department of Nursing:

Southern Arkansas University
Department of Nursing
LPN-RN APPLICATION
P.O. Box 9406
Magnolia, AR 71754-9406

Or deliver to Wharton Nursing, room 201A.

Admission Selection

Students who meet application requirements will be selected for entry into the nursing program based on grade point average in Nursing Curriculum Support Courses (NCSC); standardized preadmission examination; priority toward completion of college algebra and chemistry courses at the time of application; and number of NCSC hours completed on SAU campus. The ranking of admissions is as follows:

1. Students will be initially ranked by grade point average in the NCSC, standardized preadmission examination, completion status of college algebra and chemistry, and number of NCSC hours completed on SAU campus.
2. If more than one student has the same grade point average in the NCSC, standardized preadmission examination, and completion status of college algebra and chemistry, these students will be ranked by total quality points in the NCSCs.
3. If more than one student has the same grade point average in the NCSC, standardized preadmission examination, completion status of college algebra and chemistry, and number of total quality points, students will be randomly ranked.

Students who are not initially selected or who submit a late application will be placed on a waiting list. Placement on the waiting list will be in order of grade point average in the NCSCs and quality points. Spaces, which become available prior to the beginning of the fall or spring semester, will be filled from the waiting list. Students not admitted from the waiting list must re-apply. Please see the Department of Nursing website at www.saumag.edu/nursing for application deadlines.

Bachelor of Science in Nursing

Baccalaureate nursing education prepares the graduate for entry into professional practice as a generalist who provides evidence-based care for persons as individuals, members of families/groups, and communities in both structured and unstructured health care settings. The purpose of the baccalaureate degree in nursing program is to provide both a general education in the liberal arts and sciences and nursing. The Bachelor of Science in Nursing (B.S.N.) program consists of eight academic semesters and includes 65 – 66 hours of general education courses and 60 hours credit in nursing courses. Clinical laboratory experiences are based in selected community hospitals and allied health agencies. Nursing courses with a clinical component include a 1:1 credit hour to contact hour ratio for theory and a 1:3 credit hour to contact hour ratio for clinical learning experiences. For example, a six-hour credit nursing course consists of four credit/four contact hours of theory and two credit/six contact hours of clinical learning experiences a week. Students are required to complete an average of six contact hours a week of clinical learning experiences over a 15-week semester, or 90 clinical hours.

Major in Nursing – (B.S.N.) – 125-126 hours

General Studies – 2 hours

GSTD 1002 Freshman Seminar

English/Communication – 9 hours

ENGL 1113 Composition I
ENGL 1123 Composition II
SPCH 1113 Introduction to Public Speaking

Fine Arts – 3 hours

ART 2013 Art Appreciation
HUM 2003 Film Appreciation
MUS 2013 Music Appreciation

Literature/Philosophy – 9 hours

PHIL 2403 Introduction to Philosophy

Choose 3 hours from the following:

3 hours Foreign Language
ENGL 2213 World Literature I
ENGL 2223 World Literature II

Mathematics – 3 hours

MATH 1023 College Algebra

Science – 19 hours

Biological Science – 15 hours

BIOL 2003 Nutrition & Diet
BIOL 2063/2061 Anatomy & Physiology I/Lab
BIOL 2073/2071 Anatomy & Physiology II/Lab
BIOL 3032/3022 Microbiology/Lab

Physical Science – 4 hours

CHEM 1013/1011 College Chemistry/Lab

Social Science – 18 hours

PSYC 2003 General Psychology
PSYC 3223 Developmental Psychology
SOC 3183 Statistics

3 hours from the following:

SOC 1003 General Anthropology
or
SOC 2003 Introduction to Sociology

History – 6 hours required*

HIST 1003 World History I
or
HIST 1013 World History II
HIST 2013 U.S. History I
or

HIST	2023	U.S. History II
(*3 hours U.S. history & 3 hours world history required)		
PHED	1501	Concepts of Physical Activity and Wellness
plus one semester hour from PHED 1001-1491 (various activity courses)		
or		
HS	1403	Personal and Community Health

Nursing Requirements:

NURS	3083	Foundations of Mental Health Nursing
NURS	3093	Techniques of Health Assessment
NURS	3103	Gerontological Nursing
NURS	3203	Pharmacology
NURS	3206	Nursing Care I - Foundations
NURS	3303	Pathophysiology for Nurses
NURS	3306	Nursing Care II – Acute Care
NURS	3403	Nursing Research for Evidence Based Practice
NURS	4011	Synthesis of Nursing Concepts
NURS	4093	Contemporary Issues and Ethics in Nursing
NURS	4105	Foundations of Community Health Nursing
NURS	4205	Leadership & Management in Nursing Practice
NURS	4207	Nursing Care III – Childbearing/Pediatrics
NURS	4303	Nursing Informatics
NURS	4306	Nursing Care IV–Complex Care

Admission into the B.S.N. Program

To be considered for admission into the B.S.N. degree program the student must:

1. Be admitted to SAU with regular or conditional admission status and maintain a 2.00 at SAU.
2. Transfer students currently enrolled in other universities at the time of application will be considered for admission into the nursing program if the following documents are on file in the SAU Office of Admissions: completed SAU application form; valid ACT or SAT scores; completed high school transcript or GED scores; college transcripts through the previous semester; and required immunization records. International students must contact the International Student Services Office. Admission to the University does not mean automatic admission to the Department of Nursing. See www.saumag.edu/nursing website for application deadlines.
3. Recognize that priority ranking will be given to students who have successfully completed all non-nursing support courses for the degree.
4. Have a minimum 2.50 GPA in Nursing Curriculum Support Courses (NCSCs).
5. The GPA for admission to the department will be calculated based on NCSCs completed at the time of application.
6. NCSCs must be completed with a C or better. Students with Ds in these courses will not be admitted.
7. Have proof of Hepatitis B vaccination, TB screening, and current American Heart Association CPR certification.

8. To comply with mandates from clinical agencies utilized by the SAU Department of Nursing, students enrolled in all nursing programs are required at the initial semester of enrollment and yearly thereafter to have criminal background checks, driving history record checks, and urine drug screens in order to remain enrolled in any nursing course. All screenings are conducted at the expense of the individual student. More information and pricing are available on the nursing website at www.saumag.edu/nursing.
9. Understand travel will be required to clinical sites in Southwest and Central Arkansas.
10. Realize if an injury occurs in the clinical setting, the student is responsible for all applicable cost related to the injury. Students are strongly encouraged to obtain health insurance. Information concerning health insurance available for SAU students may be accessed at the following website: www.saumag.edu.
11. Submit a completed Department of Nursing application according to the deadlines posted on the nursing website.
12. Applications may be obtained from the Department of Nursing or from our website www.saumag.edu/nursing. Enclose a copy of all unofficial college transcripts. Mail application and unofficial transcripts to:

Southern Arkansas University
Department of Nursing
Attn: BSN- Application
P.O. Box 9406
Magnolia, AR 71754-9406

OR delivered to Wharton Nursing Building, room 201A.

Policy for Transfer Students with Nursing Credit

Transfer requests are considered on an individual basis. Students previously enrolled in another nursing program must forward a letter requesting transfer, submit a BSN Transfer Nursing Student application, and attach copies of all unofficial college transcripts. Students who are requesting transfer from another nursing program are also required to provide a letter from the program dean/chair/director of eligibility to reenter their previous nursing program in order to be eligible for consideration in the SAU nursing program. If a student has failed a nursing course, the request for transfer is classified as an academic reentry request, and reentry policies apply. If a student has failed more than one nursing course they are not eligible for consideration for entry into the SAU nursing program. Transfer equivalency information for Nursing Curriculum Support Courses can be accessed through www.saumag.edu/admissions.

Admission Selection

Students who meet application requirements will be selected for entry into the nursing program based on grade point average in Nursing Curriculum Support Courses (NCSC), ACT scores, and number of NCSC hours completed on SAU campus. The ranking of admissions is as follows:

1. Students will be initially ranked by grade point average in the NCSC, ACT scores, and number of NCSC hours completed on SAU campus.

2. If more than one student has the same grade point average in the NCSC and ACT score, students will be randomly ranked.

Students who are not initially selected or who submit a late application will be placed on a waiting list. Placement on the waiting list will be in order of grade point average in the NCSCs. Spaces, which become available prior to the beginning of the semester, will be filled from the waiting list. Students not admitted from the waiting list must re-apply. Please see the SAU Department of Nursing website for application deadlines.

RN to BSN Completion Program

The RN to BSN Completion Program provides qualified registered nurses the opportunity to complete the requirements for a bachelor’s degree in nursing with two years of full-time study. However, once admitted to upper division nursing courses, students can complete the curriculum at their own pace, ranging from one to eight years.

The faculty recognize that a significant number of returning students elect to attend college part-time in order to maintain work and/or family responsibilities. Therefore, the program is designed to accommodate the working non-traditional part-time student. Students are encouraged to complete the prerequisites prior to enrolling in upper division nursing courses; however, admission is granted for those students completing the minimum nine hours of pre-requisite courses listed under the admission requirements.

Since the RN to BSN Completion Program courses are available online, students are able to study and participate in class discussions any time day or night, according to the student’s personal schedule. Students are required to attend class on campus at least once a semester for course orientation. Additional attendance may be required for testing, presentations, or other course requirements as determined by the course faculty.

There are associated clinical hours with three of the eight BSN courses. These clinical hours are carried out under the supervision of an approved preceptor and course faculty at a facility determined by the student and course faculty. Clinical hours are scheduled by the student in conjunction with faculty and preceptor approval.

Nursing courses with a clinical component include a 1:1 credit hour to contact hour ratio for theory and a 1:3 credit hour to contact hour ratio for clinical learning experiences. For example, a five hour credit nursing course consists of three credit/ three contact hours of theory and two credit/ six contact hours of clinical learning experiences a week. Students are required to complete an average of six contact hours a week of clinical learning experiences over a 15-week semester, or 90 clinical hours.

Major in Nursing – (R.N. to B.S.N.) –124-125 hours

General Education – 43-44 hours

English/Communication - 12 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
ENGL	3103	Advanced Composition
SPCH	1113	Introduction to Public Speaking

Literature/Philosophy - 6 hours

PHIL 2403 Introduction to Philosophy

Choose 3 hours from the following:

3 hours
ENGL 2213 Foreign Language
ENGL 2223 World Literature I
World Literature II

Mathematics - 3 hours

MATH 1023 College Algebra

Biological Science - 4 hours

BIOL 2063/2061 Anatomy and Physiology I /Lab

Physical Science - 4 hours

CHEM 1013/1011 College Chemistry I/Lab

Physical and Health Education – 2-3 hours

PHED 1501 Concepts of Physical Activity and Wellness
plus one semester hour from PHED 1001-1491 (various activity courses)

or

HS 1403 Personal and Community Health

Social Sciences - 12 hours

6 hours of selected from the following:

HIST 1003 World History I*
HIST 1013 World History II*
HIST 2013 U.S. History I**
HIST 2023 U.S. History II**

and

PSYC 2003 General Psychology

3 hours selected from the following:

ECON 2103 Principles of Microeconomics
FIN 2003 Personal Finance
GEOG 2003 Introduction to Geography
PSCI 2003 American Government: National**
SOC 1003 General Anthropology
SOC 2003 Introduction to Sociology

*All candidates are required to have three semester hours of world history by taking HIST 1003, World History I, HIST 1013 World History II, or equivalent.

**All candidates are required to complete one three-hour course in either United States history or American government.

Nursing Curriculum – 67 hours

Includes 39 completed hours of articulation credit from ADN/Diploma program

BSN Curriculum – 28 hours

NURS	3001	Orientation for On-Line RN - BSN Completion Program
NURS	3003	Health Assessment
NURS	3043	Introduction to Nursing Research
NURS	3013	Issues and Trends in Nursing
NURS	3035	Community Health Nursing**
NURS	3053	The Business of Health Care
NURS	4015	Leadership and Management**
NURS	4065	Advanced Adult Health Nursing**

Other requirements – 14 hours

BIOL	2073/2071	Anatomy and Physiology II / Lab
BIOL	3032/3022	General Microbiology/Lab
SOC	3183	Statistics
SOC	3033	Sociology of Marriage and Family
or		
SOC	3013	Social Problems
or		
SOC	4073	Social Gerontology

**Courses with a clinical component

To earn a degree from SAU, a student must complete a minimum of 30 semester hours on the SAU campus or through SAU extension classes. Of the last 30 hours taken, 24 hours must be taken on the SAU campus or through SAU extension classes. Please note that graduation from SAU with a BSN requires the student to have completed 40 junior/senior hours.

To meet admission requirements for the Department of Nursing, the applicant must:

1. Be admitted to SAU with regular or conditional admission status and/or maintain a cumulative 2.00 GPA at SAU.
2. Be a graduate from a NLNAC accredited associate degree program or diploma program.
3. Students are encouraged to complete all general education requirements prior to enrolling in upper division nursing courses.
4. Students who have completed SPCH 1113: Introduction to Speech, PHIL 2403: Introduction to Philosophy; and SOC 3183: Statistics may be allowed to enroll in the upper division nursing courses.
5. Have transcripts evaluated by nursing faculty if transferring from another college or university. NOTE: SAU's Department of Nursing follows the Arkansas Nursing Articulation Model for transfer credits in nursing; however, courses taken at community colleges are not counted as part of the junior/senior hours required for graduation at SAU.
6. Of the total hours earned toward graduation, no more than 25 percent may be D grades. The University does not accept D hours from other schools.
7. Possess an unencumbered state license to practice in the state in which the clinical experiences will be obtained.

8. Have proof of Hepatitis B vaccination, TB screening, and current American Heart Association CPR certification.
9. To comply with mandates from clinical agencies utilized by the SAU Department of Nursing, students enrolled in all nursing programs are required at the initial semester of enrollment and yearly thereafter to have criminal background checks, driving history record checks, and urine drug screens in order to remain enrolled in any nursing course. All screenings are conducted at the expense of the individual student. More information and pricing are available on the nursing website at www.saumag.edu/nursing.
10. Realize if an injury occurs in the clinical setting, the student is responsible for all applicable cost related to the injury. Students are strongly encouraged to obtain health insurance. Information concerning health insurance available for SAU students may be accessed at the following website: www.saumag.edu.
11. Submit a completed Department of Nursing application according to the deadlines posted on the nursing website.
12. Application forms may be obtained from the Nursing Department or from our website www.saumag.edu/nursing.
13. Mail application and a copy of all unofficial transcripts to:

Southern Arkansas University
Department of Nursing
Attention: RN-BSN Program Application
P.O. Box 9406
Magnolia, AR 71754-9406

Or deliver to Wharton Nursing, room 201A.

Transfer Nursing Students

Students previously enrolled in another RN to BSN Completion nursing program must forward a letter requesting transfer and attach copies of all unofficial college transcripts. Students who are requesting transfer from another nursing program are also required to provide a letter from the program dean/chair/director of eligibility to reenter their previous nursing program in order to be eligible for consideration in the SAU nursing program. Transfer credit will be considered on an individual basis.

Student Nurses Association

The Southern Arkansas University Student Nurses Association (SNA) is the student nurse professional organization on campus. The SAU chapter is a member of the Arkansas Student Nurses Association (ASNA) and the National Student Nurses Association (NSNA). Membership is open to any SAU BSN or ADN nursing or pre-nursing student. The cost of initial membership is \$35 per year (subject to change) and also has available a two-year membership plan.

This organization is involved in community health projects, state and national conventions, fund-raisers, scholarship funds, as well as providing support and guidance to all nursing students. It also affords the student an opportunity to be involved with

legislation affecting nurses at the state and national levels and to have a voice in issues affecting nurses and the nursing profession.

The SAU SNA is a participant with other organizations within the College of Science and Technology. Annually, these student organizations plan and implement activities. The organization holds its monthly meeting on the SAU campus. Nursing faculty on the Student Excellence Committee serve as advisors.

The SNA is committed to contributing to nursing education and aiding in the development of the whole person, his/her professional role, and his/her responsibility for the health care of all people. Membership information may be obtained through the nursing office, from SNA faculty advisors, from SNA officers, or online at www.nсна.org.

Department of Chemistry and Physics

Scott R. White, Ph.D., chair

The Department of Chemistry and Physics offers majors in chemistry with options in science; health professions; engineering physics, with options in science, manufacturing, and in industrial technology. Associate degrees in chemistry and industrial technology are also available. Students interested in teaching any science area in secondary schools should follow the applicable major curriculum in the section of this catalog with a minor in College of Education. The department also offers strong minors in chemistry, geology, and physics.

Chemistry

The chemistry program offers an up-to-date curriculum which leads to the bachelor of science (B.S.) degree for those students wishing to major in chemistry and for those interested in allied fields such as medicine and dentistry. Chemistry course work can also meet the needs of all students who take chemistry either as a requirement or as an elective.

Students planning to pursue graduate work in chemistry or closely allied fields should take all the chemistry courses offered which are designed for majors during their residence and as much mathematics, physics, and computer science as their curricula permits. Chemistry is one of the most highly recommended courses of study for students interested in pursuing careers in the health sciences such as medicine, optometry, dentistry, pharmacy, and paramedical fields.

Note: Students are required to wear, at all times and with no exceptions, safety glasses and aprons or coats when in the laboratory.

Associate of Science (A.S.) - 60 hours

The associate of science in chemistry program is designed to fulfill the needs of students desiring to prepare themselves for positions in a field of chemical industry and /or related areas. The degree can be used for the first two years of a degree plan for any of the chemistry bachelor degrees at SAU. Students completing this program will be prepared to fulfill positions in chemical industry that do not require a four-year degree.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 29 hours (Mathematics and physical science courses are included in the major.)

English/Communication - 9 hours

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Introduction to Public Speaking*

Fine Arts/Foreign Languages - 3 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation
3 hours		Foreign Language

Literature/Philosophy – 3 hours

ENGL	2213	World Literature I*
ENGL	2223	World Literature II
PHIL	2403	Introduction to Philosophy

Biological Science – 4 hours

BIOL	1103/1101	Introduction to Biology/Lab
BSCI	1013/1011	The Biological Sciences/Lab

Physical and Health Education - 1 hour

PHED	1__1	PE Activity
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Social Sciences: 9 hours

Requirement 1: 3 hours

HIST	1003	World History I
HIST	1013	World History II

Requirement 2: 3 hours

HIST	2013	U.S. History I
HIST	2023	U.S. History II
PSCI	2003	American Government: National

Requirement 3: 3 hours

ECON	2103	Principles of Microeconomics
PSYC	2003	General Psychology

Chemistry Curriculum – 20 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3222/3202	Quantitative Chemical Analysis /Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab

Mathematics/Computer Science – 9 hours

MATH	1023	College Algebra
MATH	1033	Plane Trigonometry
CSCI	2103	Computer Science I

*May be replaced by any biology, math, or upper-level chemistry course listed in any of the chemistry bachelor degree plans.

Major in Chemistry (B.S.) - Science Option - 125 hours**University Requirement - 2 hours**

GSTD	1002	Freshman Seminar
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General Education - 39 hours (Mathematics and physical science courses are included in the major.)

Chemistry – 43 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3222/3202	Quantitative Chemical Analysis /Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
CHEM	3023/3021	Physical Chemistry I/Lab
CHEM	3133/3131	Physical Chemistry II/Lab
CHEM	3113/3111	Instrumental Analysis/Lab
CHEM	4033	Advanced Inorganic Chemistry
CHEM	3051	Junior Seminar-Chemistry
CHEM	4051	Senior Seminar-Chemistry

6 or more hours selected from the following:

CHEM	4003/4001	Biochemistry I/Lab
CHEM	4013	Advanced Organic Chemistry
CHEM	4043/4041	Advanced Analytical Chemistry/Lab
CHEM	4701-3	Undergraduate Research
CHEM	4791-3	Advanced Topics in Chemistry I
CHEM	4891-3	Advanced Topics in Chemistry II
CHEM	4991-3	Advanced Topics in Chemistry III

Computer Science - 3 hours

CSCI	2103	Computer Science I
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Physics - 8 hours

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab

Mathematics - 24 hours

MATH	1045	Pre-Calculus Math
MATH	1525	Calculus I
MATH	1545	Calculus II
MATH	2563	Calculus III: Multivariable Calculus
MATH	2753	Linear Algebra
MATH	4073	Introduction to Probability and Statistics

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this major.

Major in Chemistry with Minor in Biology (B.S.)

Prehealth Professional Option – 124 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 35 hours (Biology, mathematics, and physical science courses are included in the major.)

Chemistry - 32 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3222/3202	Quantitative Chemical Analysis /Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
CHEM	3113/3111	Instrumental Analysis/Lab
CHEM	4003/4001	Biochemistry I/Lab

4 hours selected from the following:

CHEM	3013/4701	Fundamentals of Physical Chemistry/Undergraduate Research
CHEM	3023/3021	Physical Chemistry I/Lab (requires MATH 1525 and MATH 1545)
CHEM	4043/4041	Advanced Analytical Chemistry/Lab

Computer Science –6 hours selected from the following:

CSCI	1102/1101	Introduction to Computing/Lab
CSCI	2103	Computer Science I
CSCI	2113	Computer Science II
CSCI	3063	High Level Language

Mathematics - 8-9 hours

MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics
MATH	3043	Introduction to Applied Probability and Statistics
or		
MATH	4073	Introduction to Probability and Statistics

Physics - 8 hours

PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab
or		
PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab

Biology Minor - 28 hours:

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3032/3022	General Microbiology/Lab
BIOL	3033/3031	Genetics/Lab
BIOL	3043	Cell Biology
BIOL	3123/3111	Embryology/Lab
BIOL	3401	Medical Terminology

Pre-Medical Program

Candidates for early admission to the School of Medicine of the University of Arkansas are required to present a minimum of three academic years (90 semester hours) of undergraduate work, exclusive of military science and physical education courses.

No specific courses are required. However, the student will find these courses listed in the next paragraph helpful for the study of medicine and for achieving adequate scores on the Medical College Admission Test (MCAT), which is required of all applicants and must be taken no later than the fall prior to the year in which admission to medical school is desired.

The School of Medicine of the University of Arkansas recommends courses in chemistry (including physical chemistry, organic chemistry, and biochemistry), biology (including molecular biology), computer science, statistics, logic, speech, physics, world literature, psychology, foreign language, etc.

Students are encouraged to pattern their courses closely enough to the general education requirements so that they can complete a degree program at SAU if they choose. Most pre-medical students obtain degrees with a major in chemistry with a minor in biology or a major in biology with a minor in chemistry.

Minor in Chemistry - 24 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3222/3202	Quantitative Chemical Analysis /Lab
CHEM	3003/3001	Organic Chemistry I/Lab

plus

8 hours (2 courses and laboratories) selected from the following:

CHEM	3023/3021	Physical Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab
CHEM	3113/3111	Instrumental Analysis/Lab
CHEM	4003/4001	Biochemistry I/Lab

Minor in Geology

The minor program of study is designed to strengthen science curriculum for students choosing majors in other fields. It also helps prepare students to obtain certification to teach science.

Minor in Geology - 24 hours

GEOL	1003/1001	Physical Geology/Lab
GEOL	1013/1011	Historical Geology/Lab

6 hours (minimum) of geology at the junior-senior level

10 hours of additional electives in geology

Physics and Engineering

The physics and engineering program offers both a general service program for non-science majors and a specialization program. PHYS 4003/4001 is designed for physical science teaching majors. A specialization program which starts preferably with PHYS 2203/2201 and has appropriate mathematics prerequisites is for engineering-physics majors, medical science, and related science majors. Service courses are offered for

agriculture, biology, chemistry, education, geology, mathematics, and pre-professional majors and for other students interested in physics. Through the sophomore year, the engineering-physics curriculum is designed to serve the needs of students in the fields of engineering, medicine, and other sciences. Although the junior and senior courses are open to any student with the necessary prerequisites, they are based on the assumption that most engineering-physics majors will seek related engineering employment or go to graduate school. Research is emphasized in advanced work, and the student is expected to develop an insight into current problems and techniques of physics.

Major in Engineering-Physics (B.S.) – 129-130 hours Science Option

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 39 hours (mathematics and physical science courses are included in the major)

Physics - 31 hours

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab
PHYS	3033	Electricity and Magnetism I
PHYS	3054	Modern Physics
PHYS	3113	Advanced Physics Theory
PHYS	4013	Optics
or		
ITEC	4044	Advanced Manufacturing Systems
PHYS	4023	Solid State Physics
or		
PHYS	3103	Digital Electronics
PHYS	4043	Physical Mechanics I

Senior Capstone Experience: PHYS 4591-2, 4691-2 (1 to 3 hours) -

Independent Study in Physics

Senior Capstone Experience: PHYS 4791-3, 4891-3, 4991-3 (1 to 3 hours) - Advanced

Topics in Physics

Engineering - 21 hours

ENGR	2033	Electrical Circuits I
ENGR	2143	Statics
ENGR	3003	Fluid Mechanics
ENGR	3013	Thermodynamics
ENGR	3023	Heat Transfer
ITEC	3053	Engineering Ergonomics

3 hours of engineering electives chosen from Agricultural Engineering, Engineering or Physics

Chemistry - 8 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab

Mathematics - 16 hours

MATH	1525	Calculus I
MATH	1545	Calculus II
MATH	2753	Linear Algebra
MATH	3033	Differential Equations

Computer Science - 6-9 hours (one year on the university level or 6 hours math-based computer science at sophomore level or above)

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this major.

Engineering Physics – Manufacturing Option – 132-133 hours**University Requirement** – 2 hours

GSTD	1002	Freshman Seminar
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General Education – 39 hours (mathematics and physical science courses are included in the major)

Engineering – 22-23 hours

ENGR	1011	Engineering Methods
ENGR	1022	Engineering Materials/Forming Process
ENGR	1212	Graphics
ENGR	2003/2001	Industrial Instrumentation/Lab
ENGR	2023	Fundamentals of Manufacturing Processes
ENGR	2033	Electrical Circuits I
ENGR	2143	Statics
ENGR	4911-2	Independent Study in Engineering (or PHYS 4691-2 Independent Study in Physics)
ENGR	4933	Advanced Topics in Engineering

Physics - 20 hours

PHYS	2203/2201	University Physics I/Lab I
PHYS	2213/2211	University Physics II/Lab II
PHYS	3103	Digital Electronics (or ENGR 3103)
PHYS	4023	Solid State Physics
PHYS	4043	Physical Mechanics I
PHYS	4153	Fluid Mechanics

Industrial Technology – 23 hours

ITEC	3003	Quality Control
ITEC	3023	Production and Inventory Control
ITEC	3043	Work Analysis
ITEC	3063	Introduction to Industrial Management
ITEC	3503	Computational Methods of Industrial Technology
ITEC	4004	Manufacturing Policy and Ethics
ITEC	4044	Advanced Manufacturing Systems

Mathematics – 16 hours

MATH	1023	College Algebra
MATH	1033	Plane Trigonometry
MATH	1525	Calculus I
MATH	1545	Calculus II

Computer Science – 6 hours

CSCI	2103	Computer Science I
CSCI	2113	Computer Science II

Chemistry – 4 hours

CHEM	1023/1021	University Chemistry I/Lab I
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Engineering Physics - Industrial Technology Option

Bachelor Science in Industrial Technology (B.S.I.T.) – 132 hours

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 46 hours (PHYS 2003, PHYS 2001 must be taken to fulfill the physical science requirement)

Basic Technical Courses - 34 hours

From an approved associates degree or the equivalent. (MATH 1033 is a prerequisite for MATH 2123)

Industrial Technology - 23 hours

ITEC	2032	Industrial Safety
ITEC	3003	Quality Control
ITEC	3012	Maintenance
ITEC	3023	Production and Inventory Control
ITEC	3043	Work Analysis: The Study of Motion, Time, and Ergonomics
ITEC	3263	Introduction to Industrial Management I
ITEC	4044	Advanced Manufacturing Systems
ITEC	3363	Introduction to Industrial Management II

Other core requirements - 27 hours

ITEC	3503	Computational Methods of Industrial Technology
ITEC	3803	Industrial Materials
ENGR	2023	Fundamentals of Manufacturing Processes
MATH	2123	Applied Calculus for Technology
MATH	3043	Introduction to Applied Probability and Statistics

9 hours (work experience or junior-senior technical electives or applied projects)

131-133 hours - Minimum graduation requirement, of which 60 hours must be from a senior-level institution and 30 hours from SAU campus offerings.

Up to 9 semester hours of individual experiential learning will be evaluated for credit by portfolio examination. These credits are applicable only to the bachelor of science in industrial technology degree. The student asking to be evaluated must be currently enrolled at SAU. Evaluation for credit will be made in accordance with CAEL (Council on Adult and Experiential Learning) standards. Details on the standards, procedure, cost,

and appeal procedure may be obtained from the coordinator, B.S.I.T. Program at (870) 235-4290.

No minor is required in this major.

Major in Industrial Technology (A.A.) – 65-66 hours

This two-year program prepares persons for work which occupies an area between the skilled crafts and the highly scientific professions. Employment opportunities exist in production, development, and design work, generally as direct supporting personnel for production or construction supervisors, engineers, or scientists. The person would perform duties such as crew leader or foreman, quality control and inspection, draftsman, laboratory technician, or engineer's aide.

Students successfully completing this program will receive an associate of arts degree. The curriculum is designed so that there will be a minimum loss of credit, should the student decide to continue college work after completing two years.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education –34 hours

English - 6 hours

ENGL	1113	Composition I
ENGL	1123	Composition II

Fine Arts - 6 hours

ART	2013	Art Appreciation
HUM	2003	Film Appreciation
MUS	2013	Music Appreciation

Biological Science - 4 hours

BSCI	1013/1011	The Biological Sciences/Lab
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Mathematics - 5-6 hours

MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics

Physical Science - 8 hours

CHEM	1013/1011	College Chemistry I/Lab
and		
CHEM	1113/1111	College Chemistry II/Lab
or		
CHEM	1023/1021	University Chemistry I/Lab
and		
CHEM	1123/1121	University Chemistry II/Lab

Health Science and Physical Education - 2-3 hours

HS	1403	Personal and Community Health
or		
PHED	1501	Activity and Wellness
PHED	1__1	Activity elective

Social Science

3 hours selected from the following:

HIST	2013	U.S. History I
HIST	2023	U.S. History II
PSCI	2003	American Government: National

Computer Science - 6 hours

CSCI	1102/1101	Introduction to Computing/Lab
or		
MIS	1003	Introduction to Computers
CSCI	2103	Computer Science I

Engineering – 12 hours

AGEN	2032/2031	Agricultural Electrification/Lab
ENGR	1011	Engineering Methods
ENGR	1022	Engineering Materials and Forming Processes
ENGR	1212	Graphics
ENGR	2003/2001	Industrial Instrumentation/Lab

Physics - 8 hours

PHYS	2003/2001	General Physics I/Lab
PHYS	2103/2101	General Physics II/Lab

Electives – 3 hours

Electives must be approved by advisor (economics or psychology is recommended for entry into the B.S.I.T. program).

Minor in Physics - 19 hours

The minor in physics provides supporting coursework for students majoring in biology, chemistry, and engineering disciplines. A minor in physics would enhance individuals interested in teaching physics in a secondary school.

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab
PHYS	3113	Advanced Physics Theory

9 hours of physics electives at the junior-senior level

Pre-Engineering

The purpose of the two-year plus program in engineering is to give the student a sound foundation in engineering courses and in the related fields of mathematics, chemistry, and physics. Sufficient courses are offered and the program is arranged so that capable students may reach the halfway point toward an engineering degree in four or more semesters at Southern Arkansas University, and continue without loss of credit in a chosen field of specialization at a college of engineering.

In order to preserve a four-year curriculum (eight semesters), most senior engineering colleges and universities assume that the beginning freshman is prepared to start

mathematics at the analytical geometry-calculus level and require 130-140 semester hours for graduation. Any student who must start with college algebra and plane trigonometry or any lower-level mathematics course must take a semester load above the average, attend summer school, or take an extra semester or more to graduate.

Students should follow the state placement guidelines for placement in math courses. These guidelines are based upon math ACT scores. Students should strive to complete MATH 1525 Calculus I by their fourth semester or summer term to be eligible for sophomore engineering courses during the third year of college. Students who score sufficiently high on the placement test may take MATH 1525 the first semester of the freshman year.

Pre-Engineering - 64-75 hours

Chemistry - 8 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab

Computer Science - 3 hours as approved by advisor

English - 6 hours

ENGL	1113	Composition I
ENGL	1123	Composition II

Engineering - 6 hours

ENGR	1011	Engineering Methods
ENGR	1212	Graphics
ENGR	2143	Statics

Mathematics – 21-22 hours

MATH	1023	College Algebra
and		
MATH	1033	Plane Trigonometry
or		
MATH	1045	Pre-Calculus Mathematics
MATH	1525	Calculus I
MATH	1545	Calculus II
MATH	2753	Linear Algebra
MATH	3033	Differential Equations

Physics - 8 hours

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab

6-7 hours of engineering electives selected from ENGR 1022, ENGR 2003/2001, ENGR 2033, ENGR 2133/2131

3-6 hours of non-technical electives selected from ECON 2103, ENGL 2213, HIST 1003, HIST 1013, HIST 2013, HIST 2023, PSCI 2003, PSCI 2013, PSYC 2003, SOC 1003, SOC 2003 (All non-technical electives must be approved by the engineering advisor.)

6-9 hours of technical electives selected from BIOL 2083/2081, AGEN 1002/1001, AGEN 2001/2002, AGEN 3003/3001, GEOL 1003/1001, GEOL 1013/1011

General Science Major Options

Two options are available for degree completion in a broad area of training of science. Plan I requires 124 hours and has an emphasis in the physical sciences. For students who desire to teach physical science, they would choose Plan I and select a minor in education. The General Science Plan II allows for completing a minimum of 94-96 hours at SAU with an additional two years and clinical training in a professional school to be transferred back to SAU for degree completion. See the Suggested Plans of Study following the Science and Technology section of this catalog.

Major in General Science (B.S.) - Plan I (Physical Science Emphasis)

124 hours

University Requirement – 2 hours

GSTD 1002 Freshman Seminar

General Education - 35 hours (11 hours science and mathematics courses are included in the major.)

Biology –

8 hours selected from the following:

BIOL	1103/1101	Introduction to Biology/Lab
BIOL	2023/2021	Vertebrate Zoology/Lab
BIOL	2083/2081	General Botany/Lab
BIOL	3093/3091	Environmental Biology/Lab

Chemistry - 12 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab

4 hours selected from the following:

CHEM	3222/3202	Quantitative Chemical Analysis Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3113/3111	Instrumental Analysis/Lab

Geology –

4 hours selected from the following:

GEOL	1003/1001	Physical Geology/Lab
GEOL	1013/1011	Historical Geology/Lab

Mathematics - 8-9 hours

MATH	1023	College Algebra
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and

MATH	1033	Plane Trigonometry
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or

MATH	1045	Pre-Calculus Mathematics
MATH	3043	Introduction to Applied Probability and Statistics

Physics - 12 hours

PHYS	2003/2001	General Physics/Lab
	and	
PHYS	2103/2101	General Physics II/Lab
	or	
PHYS	2203/2201	University Physics I/Lab
	and	
PHYS	2213/2211	University Physics II/Lab (requires MATH 1525 and MATH 1545)
PHYS	3054	Modern Physics

6 hours of math-based computer science at the sophomore level or above (CSCI 2103 and CSCI 2113 are highly recommended)

24 hours selected from chemistry, physics, and geology.

Completion of remaining hours to total 124 hours as approved by the advisor. Student may need additional upper-level hours to complete the required 40 junior/senior hours.

No minor is required in this plan.

**Major in General Science (B.S.) - Plan I (Physical Science Emphasis)
with minor in Education - 127 hours**

This option and plan, in cooperation with the SAU College of Education, is designed to provide licensure as a teacher of general science under certification of Life/Earth Science standards as determined by the Arkansas Department of Education.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 35 hours (Science and mathematics courses are included in the major.)

Biology - 4 hours

BSCI	1013/1011	The Biological Science/Lab
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Chemistry - 16 hours

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab

Geology - 8 hours

GEOL	1003/1001	Physical Geology/Lab
GEOL	1013/1011	Historical Geology/Lab

Mathematics – 16 hours

MATH	1023	College Algebra*
MATH	1033	Plane Trigonometry*
MATH	1525	Calculus I
MATH	1545	Calculus II

*waived if student has Math ACT of 27 or above

Physics - 16 hours

PHYS	2203/2201	University Physics I/Lab
PHYS	2213/2211	University Physics II/Lab
PHYS	3054	Modern Physics
PHYS	4003/4001	Astronomy/Lab

Education - 30 hours

EDUC	2000	Educational Field Experience I Lab
EDUC	2003	Introduction to Education and Field Experience I
EDUC	4043	Assessment, Evaluation, and Measurement
S ED	3003	Secondary and Middle School Curricula
S ED	3113	Methods and Materials of Science and Math
S ED	4023	Supervised Field Experience Level II
SPED	4073	Survey of Exceptional Individuals
S ED	4006	Student Teaching I
S ED	4103	Student Teaching II
EDUC	4003	Student Teaching Seminar

Major in General Science (B.S.) 130-131 hours

Plan II (Pre-professional, 3-2 program with certain other schools)

Upon request, SAU will confer the baccalaureate degree with a major in general science on students who successfully complete 99-100 semester hours of course work (30 semester hours earned prior to clinical training must be taken at the Magnolia campus and 12 must be 3000-4000 level courses) and two years in an approved accredited school of chiropractic, dentistry, medicine, optometry, or veterinary science and who satisfy the other requirements for graduation. Students awarded this degree are not eligible to graduate with honors.

University Requirement – 2 hours

GSTD	1002	Freshman Seminar
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General Education - 35 hours (Science and math courses are included in the major.)**Biology - 16 hours****Chemistry - 16 hours**

CHEM	1023/1021	University Chemistry I/Lab
CHEM	1123/1121	University Chemistry II/Lab
CHEM	3003/3001	Organic Chemistry I/Lab
CHEM	3103/3101	Organic Chemistry II/Lab

Mathematics - 5-6 hours

MATH 1023 College Algebra

and

MATH 1033 Plane Trigonometry

or

MATH 1045 Pre-Calculus Mathematics

Physics - 8 hours

PHYS 2003/2001 General Physics I/Lab

PHYS 2103/2101 General Physics II/Lab

or

PHYS 2203/2201 University Physics I/Lab

PHYS 2213/2211 University Physics II/Lab

14 hours of electives in biology, chemistry, or physics for a total of 20 hours in one science area and three (3) hours free electives

31 hours (electives in approved accredited professional school)

No minor is required in this plan.

College of Science and Technology
PACT 8 Degree Plans

Associate of Agricultural Science

Suggested Degree Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
AGRI 1002 Freshman Agriculture Orientation	2	ENGL 1123 Composition II	3
AS 1003/1001 Introductory Animal Science/Lab	4	AGRO 1002/1001 Crops/Lab	3
ENGL 1113 Composition I	3	AGEC 2073 Principles of Agricultural Economics	3
MATH 1023 College Algebra	3	HS 1403 Personal and Community Health	3
SPCH 1113 Introduction to Public Speaking	3	BIOL 2083/2081 General Botany/Lab	4
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab*	4	AGRO 2013/2011 Soils/Lab	4
ENGL 2213 World Literature or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry II/Lab*	4
FOR 1002/1001 Elements of Forestry/Lab	3	ENGL 2213 World Literature or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
HIST 1003 World History I or HIST 1013 World History II	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
AGRI 2003 Computer Applications in Agriculture	3	HIST 2013 U.S. History I or HIST 2023 U.S. History II or PSCI 2003 American Government: National	3
Total Semester Hours	16	Total Semester Hours	17

*Required for Agricultural Science
 Total general education hours - 38
 Total hours required for major - 66

Agricultural Business

Suggested Plan of Study		2010-2011 Catalog	
Fall – Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
CHEM 1013/1011 College Chemistry I or CHEM 1023/1021 University Chemistry I	4	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry II/Lab	4
AS 1003/1001 Introductory Animal Science/Lab	4	AGEC 2073 Principles of Agricultural Economics	3
MATH 1023 College Algebra	3	AGRO 1002/1001 Crops/Lab	3
AGRI 1002 Freshman Agriculture Orientation	2	BIOL 2083/2081 General Botany/Lab	4
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	18	Total Semester Hours	17
Fall – Semester 3		Spring - Semester 4	
ECON 2203 Principles of Macroeconomics	3	ACCT 2103 Principles of Accounting II	3
ACCT 2003 Principles of Accounting I	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
AGRI 2003 Computers in Agriculture or CSCI 1102/1101 Introduction to Computing/Lab	3	SPCH 1113 Introduction to Public Speaking	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	AGRO 2013/2011 Soils/Lab	4
FOR 1002/1001 Elements of Forestry/Lab	3	PHED 1501 Activity and Wellness and PHED 1__1 PE Activity	2
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3		
Total Semester Hours	18	Total Semester Hours	15
Fall – Semester 5		Spring - Semester 6	
GBUS 2013 Quantitative Analysis I	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
AGEC 3003 Marketing of Farm Products	3	HIST 2103 or 2023 U.S. History I or II	3
HIST 1003 or 1013 World History I or II	3	AGEC 3043 Farm Management	3
FIN 3003 Financial Management	3	GBUS 3183 Quantitative Analysis II	3
Social Science choice (FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
Total Semester Hours	15	Total Semester Hours	15
Fall – Semester 7		Spring - Semester 8	
AGEC 4013 International Business in Agriculture	3	GBUS 2003 Legal Environment of Business	3
MGMT 3023 Organizational Theory and Behavior	3	UL Agriculture Economics	3
AS 3002/3001 Animal Physiology/Lab	3	UL Agricultural Economics or Business Elective	3
UL Agriculture Elective or Natural Science	4	MGMT 3063 Managerial Communications	3
UL Elective	3	AS 3022/3021 Feeds and Feeding/Lab	3
Total Semester Hours	16	Total Semester Hours	15

Total hours required for major – 129

Agricultural Science

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	AGEC 2073 Principles of Agricultural Economics	3
GSTD 1002 Freshman Seminar	2	CSCI 1102/1101 Introduction to Computing/Lab	3
AGRI 1002 Freshman Agriculture Orientation	2	BIOL 2023/2021 Vertebrate Zoology/Lab	4
AS 1003/1001 Introductory Animal Science/Lab	4	SPCH 1113 Introduction to Public Speaking	3
PHED 1501 Activity and Wellness	1		
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 1023/1021 University Chemistry I/Lab	4	BIOL 2083/2081 General Botany/Lab	4
MATH 1033 Plane Trigonometry	3	AGRO 1002/1001 Crops/lab	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	CHEM 1123/1121 University Chemistry II/Lab	4
HIST 1003 or 1013 World History I or II	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3013/3011 Organic Chemistry II/Lab	4
AS 3002/3001 Animal Physiology/Lab	3	AGRO 2013/2011 Soils/Lab	4
UL agriculture elective	3	AGRI 2003 Computer Application in Agriculture	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U. S. History I or II	3
ENTO 3073/3071 Entomology/Lab	4	UL agriculture elective	3
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
BIOL 3032/3022 General Microbiology/Lab	4	UL agriculture elective	3
UL agriculture elective	3	MATH 3043 Applied Probability and Statistics	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	AS 3033 Animal Nutrition	3
PHED 1__1 PE Activity	1	AS 3083 Genetics and Animal Breeding	3
UL agricultural economics elective	3	AGRI 4003 Special Problems in Agriculture	3
Total Semester Hours	14	Total Semester Hours	15

Total hours required for Major – 126-127

Agricultural Education

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	AGEC 2073 Agriculture Economics	3
GSTD 1002 Freshman Seminar	2	AGRI 2003, Computer Applications in Agriculture	3
AGRI 1002 Freshman Agriculture Orientation	2	EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3
AS 1003/1001 Introductory Animal Science/Lab	4	Agricultural Mechanics	3
SPCH 1113 Introduction to Public Speaking	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
PHED 1__1 PE Activity	1		
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 3		Spring - Semester 4	
FOR 1002/1001 Elements of Forestry/Lab	3	AGRO 1002/1001 Crops/Lab	3
CHEM 1013/1011 College Chemistry I or CHEM 1023/1021 University Chemistry I	4	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry II/Lab	4
Agricultural Mechanics	3	Agricultural Mechanics	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U. S. History I or II	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HORT 2002/2001 Principles of Horticulture/Lab	3
Total Semester Hours	19	Total Semester Hours	19
Fall - Semester 5		Spring - Semester 6	
AS 3002/3001 Animal Physiology/Lab	3	AGED 4023 Program Development	3
ENTO 3073/3071 Entomology/Lab	4	AS 3022/3021 Feeds and Feeding/Lab	3
S ED 3003 Secondary and Middle School Curricula	3	AGRO 2013/2011 Soils/Lab	4
AGED 3003 Leadership and Communication	3	AGEN 3003/3001 Principles Agricultural Engineering/Lab	4
PSCI 2003 American Government: National	3	UL Agricultural Elective	3
PHED 1501 Activity and Wellness and PHED 1__1 PE Activity	2		
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
AGED 4003 Methods of Teaching Agricultural Mechanics	3	EDUC 4003 Student Teaching Seminar	3
AGED 4013 Methods in Agricultural Education	3	S ED 4006 Student Teaching I	6
SPED 4073 Survey of Exceptional Individual	3	S ED 4103 Student Teaching II	3
PSYC 4083 Adolescent Psychology	3		
BIOL 3032/3022 General Microbiology/Lab	4		
Total Semester Hours	16	Total Semester Hours	12
Total hours required for major – 137			
Agricultural Engineering Electives			
AGEN 1002/1001 Agricultural Structures/Lab		AGEN 2021/2022 Agricultural Metals/Lab	
AGEN 1011/1012 Environmental and Natural Resources/Lab		AGEN 2031/2032 Agricultural Electrification/Lab	
AGEN 2001/2002 Agricultural Power, Machinery and Equipment/Lab			

Biological Science

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
GSTD 1002 Freshman Seminar	2	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
ENGL 1113 Composition I	3	BIOL 2023/2021 Vertebrate Zoology/Lab	4
BIOL 1103/1101 Introduction to Biology/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	*PSYC 2003 General Psychology	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CSCI 1102/1101 Introduction to Computing/Lab	3	BIOL 2083/2081 General Botany/Lab	4
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
SPCH 1113 Introduction to Public Speaking	3	Elective	1
PHED 1501 Activity and Wellness	1	HIST 1003 or 1013 World History I or II	3
		PHED 1__1 PE Activity	1
Total Semester Hours	14	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
BIOL 3033/3031 Genetics/Lab	4	BIOL 3032/3022 General Microbiology/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	PSYC 3183 Statistics or MATH 3043 Applied Probability and Statistics	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	UL Minor Requirement	4
Minor Requirement	6	BIOL 3043 Cell Biology	3
Total Semester Hours	17	Total Semester Hours	14
Fall - Semester 7		Spring - Semester 8	
BIOL 3123/3111 Embryology/Lab	4	BIOL 4013/4011 Ecology/Lab	4
HIST 2013 or 2023 U.S. History I or II	3	BIOL 4101 Biology Colloquium	1
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
UL Biology electives	3	UL Biology electives	3
Minor Requirement	3	UL Minor Requirement	3
Total Semester Hours	16	Total Semester Hours	14

Total hours required for Major – 124

BIOL 4022/4020 Immunology and Serology/Lab cannot be applied toward biology major or minor credit

*Psychology minor should take PSYC 2003, General Psychology early in their tenure because it is a prerequisite for all other psychology courses.

**General Science Major
Plan I Biological Science Emphasis**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
HIST 1003 or 1013 World History I or II	3	HIST 2013 or 2023 U.S. History I or II	3
BIOL 1103/1101 Introduction to Biology/Lab	4	BIOL 2023/2021 Vertebrate Zoology/Lab	4
GSTD 1002 Freshman Seminar	2	SPCH 1113 Introduction to Public Speaking	3
PHED 1501 Activity and Wellness	1		
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
BIOL 2083/2081 General Botany/Lab	4	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
PHED 1__1 PE Activity	1	UL BIOL Elective	4
Total Semester Hours	15	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
GEOG 1003/1001 Physical Geology/Lab	4	GEOG 1013/1011 Historical Geology/Lab	4
CSCI 2103 Computer Science I or Foreign Language	3	*Computer Science (sophomore level or higher) or Foreign Language	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	UL Science (BIOL, CHEM, PHYS)	4
UL Science Elective (BIOL, CHEM, PHYS)	4		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
UL Biology Elective	4	UL Science (BIOL, CHEM, PHYS)	4
UL Chemistry Elective	4	ENGL 3003 Advanced Professional Writing	3
**UL Elective	4	**UL Elective	4
**UL Elective	1	**UL Electives	4
Total Semester Hours	13	Total Semester Hours	15

Total hours required for major – 125

*If student opts for FL, an UL course must be taken to fulfill the forty (40) hour Jr./Sr. requirement.

**Activity hours cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.

General Science Plan I
Biological Science with Minor in Education

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, or SOC 1003 or 2003)	3	HIST 2013 or 2023 U.S. History	3
BIOL1103/1101 Introduction to Biology/Lab	4	BIOL 2083/2081 General Botany/Lab	4
GSTD 1002 Freshman Seminar	2	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
		PHED 1501 Activity and Wellness	1
Total Semester Hours	15	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
PSCI 2003 American Government: National	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
SPCH 1113 Introduction to Public Speaking	3	HIST 1003 or 1013 World History	3
GEOL 1003/1001 Physical Geology/Lab	4	BIOL 2023/2021 Vertebrate Zoology/Lab	4
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
PHYS 2003/2001 General Physics I/Lab	4	PHYS 2103/2101 General Physics II/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
BIOL 3022/3032 General Microbiology/Lab	4	BIOL 3033/3031 Genetics/Lab	4
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	S ED 3003 Secondary and Middle School Curricula	3
EDUC 2000 Educational Field Experience I	0		
PHED 1__1 PE Activity	1		
Total Semester Hours	16	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
BIOL Upper-level Elective	3	PHYS 4003/4001 Astronomy/Lab	4
BIOL Upper-level Elective	3	GEOL 1013/1011 Historical Geology/Lab	4
S ED 3113 M/M Science and Mathematics	3	BIOL 4013/4011 Ecology/Lab	4
SPED 4073 Survey of Exceptional Individuals	3	EDUC 4043 Assessment, Evaluation and Measurement	3
S ED 4023 Supervision Field Experience II	3	BIOL 4891 Independent Study Biology	1
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 9			
S ED 4006 Student Teaching I	6		
S ED 4103 Student Teaching II	3		
EDUC 4003 Student Teaching Seminar	3		
Total Semester Hours	12		

Total hours required for major – 140

B. S. - Mathematics

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
MATH 1525 Calculus I	5	MATH 1545 Calculus II	5
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
HIST 1003 or 1013 World History I or II	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Biological Science Choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4
GSTD 1002 Freshman Seminar	2		
PHED 1501 Activity and Wellness	1		
Total Semester Hours	17	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
MATH 2563 Calculus III	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab or PHYS 2203/2201 University Physics I/Lab	4	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry I/Lab or PHYS 2213/2211 University Physics II/Lab	4
SPCH 1113 Introduction to Public Speaking	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U.S. History I or II	3
PHED 1___1 PE Activity	1	MATH 2753 Linear Algebra	3
Total Semester Hours	14	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
Elective	3	MATH 3033 Differential Equations	3
UL MATH Elective	3	MATH 3063 Abstract Algebra	3
CSCI 2103 Computer Science I	3	UL Math Elective	3
Minor Requirement or Elective	3	CSCI 2113 Computer Science II or FL	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	UL Minor Requirement or Elective	6
Total Semester Hours	15	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
MATH 3083 Principles of Analysis	3	UL Electives	4
UL MATH Elective	3	Elective	7
UL MATH Elective	3	UL Minor Requirement or Elective	3
UL Minor Requirement or Electives	6		
Total Semester Hours	15	Total Semester Hours	14

Total hours required for major – 124

MATH Electives

MATH 4003 College Geometry	MATH 4073 Introduction to Probability and Statistics
MATH 4023 Point-Set Topology	MATH 4123 History of Mathematics
MATH 4033 Introduction to Complex Variables	MATH 4613 Special Topics
MATH 4043 Numerical Analysis	

Note: If student chooses Foreign Language in the Humanities choice, then student may choose between CSCI 2113 or Foreign Language in semester (6) six.

Mathematics

With Minor in Education - Optional Teaching Certification

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
MATH 1525 Calculus I	5	MATH 1545 Calculus II	5
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
HIST 1003 or 1013 World History I or II	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
GSTD 1002 Freshman Seminar	2	Biological Science Choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4
PHED 1501 Activity and Wellness	1	PHED 1__1 PE Activity	1
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, or SOC 1003 or 2003)	3	PSCI 2003 American Government: National	3
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2013/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U.S. History I or II	3
MATH 2753 Linear Algebra	3	MATH 2033 Discrete Mathematics	3
Total Semester Hours	16	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
MATH 4123 History of Mathematics	3	UL MATH Elective (see list below)	3
CSCI 2103 Computer Science I	3	MATH 3063 Abstract Algebra	3
S ED 3003 Secondary and Middle School Curricula	3	MATH 4053 Higher Order Thinking in Mathematics	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	SPED 4073 Survey of Exceptional Individuals	3
Elective	2	CSCI 2113 Computer Science II	3
S ED 3113 M/M Secondary Math/Science	3		
Total Semester Hours	17	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
UL MATH Elective (see list below)	3	EDUC 4003 Student Teaching Seminar	3
MATH 4003 College Geometry	3	S ED 4006 Student Teaching I	6
MATH 4073 Introduction to Probability and Statistics	3	S ED 4103 Student Teaching II	3
EDUC 4043 Assessment, Evaluation and Measurement	3		
S ED 4023 Supervised Field Experience Level II	3		
Total Semester Hours	15	Total Semester Hours	12
Total hours required for major – 124			
MATH 3033 Differential Equations		MATH 4033 Complex Variables	
MATH 3083 Principles of Analysis		MATH 4043 Numerical Analysis	
MATH 4023 Point-Set Topology		MATH 4613 Special Topics	

Computer Science

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
GSTD 1002 Freshman Seminar	2	ENGL 1123 Composition II	3
ENGL 1113 Composition I	3	PHED 1501 Activity and Wellness	1
CSCI 1102/1101 Introduction to Computing/Lab**	3	HIST 2013 or 2023 U. S. History I or II	3
MATH 1023 College Algebra***	3	BSCI 1013/1011 General Biology/Lab or BIOL 1013/1011 Introduction to Biology/Lab	4
HIST 1003 or 1013 World History I or II	3	MATH 1033 Plane Trigonometry***	3
PHED 1__1 PE Activity	1	SPCH 1113 Introduction to Public Speaking	3
Total Semester Hours	15	Total Semester Hours	17
Fall – Semester 3		Spring – Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
MATH 1525 Calculus I	5	MATH 1545 Calculus II	5
CSCI 2103 Computer Science I	3	CSCI 2113 Computer Science II	3
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics II/Lab	4	PHYS 2103/2101 General Physics II or PHYS 2213/2211 University Physics II/Lab	4
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3		
Total Semester Hours	18	Total Semester Hours	15
Fall – Semester 5		Spring – Semester 6	
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Elective*	3
MATH 2753 Linear Algebra	3	MIS 3403 Database Management Systems	3
CSCI 3103 Data Structures and Algorithms	3	CSCI 3063 High Level Language	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	CSCI 3203 Assembler and Machine Organization	3
UL CSCI Elective (see below)	3	MATH 2033 Discrete Math	3
		Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	15	Total Semester Hours	18
Fall – Semester 7		Spring – Semester 8	
CSCI 4133 Operating Systems	3	CSCI 4143 Programming Language and Compilers	3
CSCI 3703 Computer Architecture	3	CSCI 4153 Software Engineering	3
UL CSCI Elective (see below)	3	UL CSCI Elective (see below)	3
MATH 4073 Introduction to Probability and Statistics	3	UL CSCI Elective (see below)	3
		Elective****	2
Total Semester Hours	12	Total Semester Hours	14

Total hours required for major – 124

CSCI Electives

CSCI 3133 Advanced UNIX/LINUX	CSCI 4173 Computerized Simulations
CSCI 3403 Artificial Intelligence	CSCI 4413 Web Programming
CSCI 3903 Special Topics in Computer Science	MATH 4043 Numerical Analysis
CSCI 4163 Computer Graphics	

* Student can complete a math minor by selecting one of the following courses: MATH 3033, 3063, 3083, 4003, 4033, 4093, or 4613.

** Prerequisite for CSCI 2103 depending on computer experience, a student may substitute an elective.

*** MATH 1023 and MATH 1033 are not required for students with a math ACT score of 26 or higher. With an ACT score of 21 or higher, a student may substitute MATH 1045 Pre-Calculus as preparation for MATH 1525.

Associate of Science - Nursing Major

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	CHEM 1013/1011 College Chemistry I/Lab	4
BIOL 2063/2061 Anatomy and Physiology I/Lab	4	BIOL 2073/2071 Anatomy and Physiology II/Lab	4
NURS 1207 Care of the Non-Acute Individual	7	NURS 1217 Women's Health and Care of the Neonate or NURS 1417 LPN to RN Transition	7
NURS 1001 Clinical Calculations	1		
Total Semester Hours	18	Total Semester Hours	18
Summer Session		Summer Session	
BIOL 3032/3022 General Microbiology/Lab	4	SOC 3033 Sociology of Marriage and Family or SOC 3013 Social Problems or SOC 4073 Social Gerontology	3
Total Semester Hours	4	Total Semester Hours	3
Fall - Semester 3		Spring - Semester 4	
PSYC 2003 General Psychology	3	NURS 2208 Medical/ Surgical II	8
NURS 2018 Medical Surgical I	8	NURS 2143 Care of the Child	3
NURS 2223 Care of the Individual's Mental Health	3	NURS 2411 Pharmacology II	1
NURS 2401 Pharmacology I	1		
Total Semester Hours	15	Total Semester Hours	12

Total hours required for major – 70

Bachelor of Science in Nursing

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
GSTD 1002 Freshman Seminar	2	ENGL 1123 Composition II	3
ENGL 1113 Composition I	3	HIST 1003 or 1013 World History I or II	3
MATH 1023 College Algebra	3	CHEM 1011/1013 College Chemistry	4
HS 1403 Personal & Community Health or PHED 1501 plus one semester hr from PHED 1001-1491	2 or 3	SOC 1003 General Anthropology or SOC 2003 Introduction to Sociology	3
HIST 2013 or 2023 U.S. History I or II	3	Foreign Language	3
SPCH 1113 Introduction to Public Speaking	3		
Total Semester Hours	16- 17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II	3	BIOL 2003 Nutrition & Diet	3
PHIL 2403 Introduction to Philosophy	3	BIOL 2073/2071 Anatomy & Physiology II/Lab	4
BIOL 2063/2061 Anatomy & Physiology I/Lab	4	SOC 3183 Statistics	3
PSYC 2003 General Psychology	3	BIOL 3032/3022 Microbiology/Lab	4
ART 2013 Art Appreciation or MUS 2013 Music Appreciation or HUM 2003 Film Appreciation	3	PSYC 3223 Developmental Psychology	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
NURS 3093 Techniques of Health Assessment	3	NURS 3403 Nursing Research for Evidence Based Practice	3
NURS 3203 Pharmacology	3	NURS 3303 Pathophysiology for Nurses	3
NURS 3206 Nursing Care I – Foundations	6	NURS 3083 Foundations of Mental Health Nursing	3
NURS 3103 Gerontological Nursing	3	NURS 3306 Nursing Care II – Acute Care	6
Total Semester Hours	15	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
NURS 4093 Contemporary Issues and Ethics in Nursing	3	NURS 4303 Nursing Informatics	3
NURS 4207 Nursing Care III Childbearing/Pediatrics	7	NURS 4205 Leadership & Management in Nursing Practice	5
NURS 4105 Foundations of Community Health Nursing	5	NURS 4306 Nursing Care IV – Complex Care	6
NURS 4093 Contemporary Issues and Ethics in Nursing	3	NURS 4011 Synthesis of Nursing Concepts	1
Total Semester Hours	15	Total Semester Hours	15

Total hours required for major – 125-126 hours

Bachelor of Science - Nursing Major

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	CHEM 1013/1011 College Chemistry I/Lab	4
BIOL 2063/2061 Anatomy and Physiology I/Lab	4	BIOL 2073/2071 Anatomy and Physiology II/Lab	4
NURS 1207 Care of the Non-Acute Individual	7	NURS 1217 Women's Health and Care of the Neonate or NURS 1417 LPN to RN Transition	7
NURS 1001 Clinical Calculations	1		
Total Semester Hours	18	Total Semester Hours	18
Summer Session		Summer Session	
BIOL 3032/3022 General Microbiology/Lab	4	SOC 3033 Sociology of Marriage and Family or SOC 3013 Social Problems or SOC 4073 Social Gerontology	3
Total Semester Hours	4	Total Semester Hours	3
Fall - Semester 3		Spring - Semester 4	
PSYC 2003 General Psychology	3	NURS 2208 Medical/ Surgical II	8
NURS 2018 Medical Surgical I	8	NURS 2143 Care of the Child	3
NURS 2223 Care of the Individual's Mental Health	3	NURS 2411 Pharmacology II	1
NURS 2401 Pharmacology I	1		
Total Semester Hours	15	Total Semester Hours	12
Fall - Semester 5		Spring - Semester 6	
SPCH 1113 Principles of Speech	3	Social Science choice (ECON 2103, FIN 2003, GEOG 2003, PSCI 2003, SOC 1003 or 2003)	3
PHIL 2403 Introduction to Philosophy	3	HIST 2013 or 2023 U. S. History I or II	3
ENGL 2213 or 2223 World Literature I or II or Foreign Language	3	SOC 3183 Statistics	3
ENGL 3103 Advanced Composition	3	HS 1403 Personal and Community Health or PHED 1501 plus one semester hour from PHED 1001-1491	3
HIST 1003 or 1013 World History I or II	3		
Total Semester Hours	15	Total Semester Hours	12
Fall - Semester 7		Spring - Semester 8	
NURS 3001 Orientation for On-line RN – BSN Completion Program	1	NURS 3053 The Business of Health Care	3
NURS 3003 Health Assessment	3	NURS 4015 Leadership and Management	5
NURS 3043 Introduction to Nursing Research	3	NURS 4065 Advanced Adult Health Nursing	5
NURS 3013 Issues and Trends in Nursing	3		
NURS 3035 Community Health Nursing	5		
Total Semester Hours	15	Total Semester Hours	13

Total hours required for major – 125

Associate of Science in Chemistry

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
HIST 1003 World History I or HIST 1013 World History II	3	HIST 2013 U.S. History I or HIST 2023 U.S. History II or PSCI 2003 American Government: National	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University II Chemistry/Lab	4
GSTD 1002 Freshman Seminar	2	ECON 2103 Principles of Microeconomics or PSYC 2003 General Psychology	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
CHEM 3212/3202 Quantitative Chemical Analysis /Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	*SPCH 1113 Introduction to Public Speaking	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Biological Science Choice/lab (BIOL 1103/1101 or BSCI 1013/1011)	4
CSCI 2103 Computer Science I	3	*ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
		PHED 1__1 PE Activity	1
Total Semester Hours	14	Total Semester Hours	15

*May be replaced by any biology, math, or upper-level chemistry course listed in any of the chemistry bachelor degree plans.

Total hours required for major – 60

**Chemistry Major
Science Option**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1045 Pre-Calculus	5	MATH 1525 Calculus I	5
HIST 1003 or 1013 World History I or II	3	CHEM 1123/1121 University Chemistry II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	PHED 1501 Activity and Wellness	1
GSTD 1002 Freshman Seminar	2	HIST 2013 or 2023 U.S. History I or II	3
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 3212/3202 Quantitative Chemical Analysis /Lab	4	MATH 1545 Calculus II	5
Biological Science choice/lab (BSCI 1013/1011 or BIOL 1103/1101)	4	CHEM 3113/3111 Instrumental Analysis/Lab	4
SPCH 1113 Introduction to Public Speaking	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, PSCI 2003, or SOC 1003 or 2003)	3	PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CSCI 2103 Computer Science I	3	CHEM 3103/3101 Organic Chemistry II/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	PHYS 2213/2211 University Physics II/Lab	4
PHYS 2203/2201 University Physics I/Lab	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
MATH 2563 Calculus III: Multivariable Calculus	3	UL Elective	3
		Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, PSCI 2003, or SOC 1003 or 2003)	3
		CHEM 3051 Junior Seminar - Chemistry	1
Total Semester Hours	14	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
CHEM 3023/3021 Physical Chemistry I/Lab	4	CHEM 3133/3131 Physical Chemistry II/Lab	4
CHEM 4033 Advanced Inorganic Chemistry	3	CHEM 4003/4001 Biochemistry I/lab	4
MATH 4073 Introduction to Probability and Statistics	3	CHEM 4702 Undergraduate Research	2
MATH 2753 Linear Algebra	3	UL Elective	3
		CHEM 4051 Senior Seminar - Chemistry	1
Total Semester Hours	13	Total Semester Hours	14

Total hours required for major – 125

**Chemistry Major
Pre-Health Professional Option**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring – Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
HIST 2013 or 2023 U.S. History I or II	3	PHED 1501 Activity and Wellness	1
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	HIST 1003 or 1013 World History I or II	3
GSTD 1002 Freshman Seminar	2	BIOL 1103/1101 Introduction to Biology/Lab	4
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 3212/3202 Quantitative Chemical Analysis /Lab	4	BIOL 2083/2081 General Botany/Lab	4
BIOL 2023/2021 Vertebrate Zoology/Lab	4	CHEM 3113/3111 Instrumental Analysis/Lab	4
SPCH 1113 Introduction to Public Speaking	3	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II	4
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I	4		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/lab	4
BIOL 3032/3022 General Microbiology/Lab	4	BIOL 3123/3111 Embryology/Lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
BIOL 3401 Medical Terminology	1	CSCI 2103 Computer Science I	3
CSCI 1102/1101 Introduction to Computing Lab	3		
Total Semester Hours	15	Total Semester Hours	14
Fall - Semester 7		Spring - Semester 8	
CHEM 3013/4701 Fundamentals of Physical Chemistry/Undergraduate Research or CHEM 3023/3021 Physical Chemistry I/Lab or CHEM 4043/4041 Advanced Analytical Chemistry/Lab	4	CHEM 4003/4001 Biochemistry/Lab	4
BIOL 3033/3031 Genetics/Lab	4	BIOL 3043 Cell Biology	3
MATH 3043 Applied Probability and Statistics or MATH 4073 Introduction to Probability and Statistics	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
PHED 1__1 PE Activity	1	*UL Electives	4
Total Semester Hours	12	Total Semester Hours	14

Total hours required for major – 124

*Activity hours cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.

Engineering Physics Science Option

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1525 Calculus I	5	HIST 2013 or 2023 U.S. History I or II	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
HIST 1003 or 1013 World History I or II	3	MATH 1545 Calculus II	5
PHED 1501 Activity and Wellness	1	BSCI 1013/1011 Biological Science/Lab or BIOL 1103/1101 Introduction to Biology	4
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	17	Total Semester Hours	18
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
PHYS 2203/2201 University Physics I/Lab	4	PHYS 2213/2211 University Physics II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
ENGR 1212 Graphics	2	MATH 2753 Linear Algebra	3
SPCH 1113 Introduction to Public Speaking	3	ENGR 2033 Electrical Circuits I	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
PHYS 3054 Modern Physics	4	MATH 3033 Differential Equations	3
PHYS 4013 Optics	3	Engineering Electives	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	PHYS 3033 Electricity and Magnetism I	3
Technical Electives	2-3	PHYS 3113 Advanced Physics Theory	3
ENGR 3003 Fluid Mechanics	3	UL Engineering Elective	4
PHED 1__1 PE Activity	1		
Total Semester Hours	16- 17	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
PHYS 4043 Physical Mechanics I	3	Physics Elective	3
CSCI 2103 Computer Science I	3	CSCI 2113 Computer Science II	3
Technical Elective	2	ENGR 3023 Heat Transfer	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	ITEC 3053 Industrial Economics	3
ENGR 3013 Thermodynamics	3	Technical Elective	3
Total Semester Hours	14	Total Semester Hours	15

Total hours required for major – 129-130

Engineering Electives

Electives to be approved by advisor.

Engineering Physics: Manufacturing Option

Suggested Plan of Study		2010-2011 Catalog	
Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1045 Pre-Calculus	5	MATH 1525 Calculus I	5
ENGR 1212 Graphics	2	ENGR 1011 Engineering Methods	1
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
GSTD 1002 Freshman Seminar	2	HIST 1003 or 1013 World History I or II	3
PHED 1__1 PE Activity	1	ENGR 1022 Engineering Materials and Forming Processes	2
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
SPCH 1113 Introduction to Public Speaking	3	ENGR 2023 Fundamentals of Manufacturing Process	3
PHYS 2203/2201 University Physics I/Lab	4	PHYS 2213/2211 University Physics II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	CSCI 2113 Computer Science II	3
CSCI 2103 Computer Science I	3	MATH 1545 Calculus II	5
Total Semester Hours	17	Total Semester Hours	18
Fall - Semester 5		Spring - Semester 6	
HIST 2013 or 2023 U.S. History I or II	5	ENGR 2033 Electrical Circuits I	3
ENGR 2143 Statics	3	PHYS 4023 Solid State Physics	3
ITEC 3003 Quality Control	3	ITEC 3023 Production and Inventory Control	3
ITEC 3503 Computational Methods of Industrial Technology	3	ENGR 2003/2001 Industrial Instrumentation/Lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 7		Spring - Semester 8	
ENGR 4933 Advanced Topics: Thermodynamics	3	PHYS 3103 Digital Electronics	3
ENGR 4912 Independent Study in Engineering	2	ITEC 4004 Manufacturing Policy and Ethics	4
ITEC 3263 Operations Management I	3	ITEC 4044 Advanced Manufacturing System	4
ITEC 3043 Work Analysis	3	PHYS 4153 Fluid Mechanics	3
PHYS 4043 Physical Mechanics I	3	PHED 1501 Activity and Wellness	1
Biological Science choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4		
Total Semester Hours	18	Total Semester Hours	15

Total hours required for major – 132

*Manufacturing Engineers going into heat transfer processes should take: Math 2753, Math 3033 in sequence.

**Associate of Applied Science (A.A.) Degree
Industrial Technology**

Suggested Plan of Study

2010-2011 Catalog

Fall – Semester 1		Spring – Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
*MATH 1023 College Algebra	3	*MATH 1033 Plane Trigonometry	3
GSTD 1002 Freshman Seminar	2	Humanities Choice (ART 2013, HUM 2003, MUS 2013)	3
CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry II/Lab	4
ENGR 1011 Engineering Methods	1	PHED 1501 Activity and Wellness	1
ENGR 1212 Graphics	2	ENGR 1022 Engineering Materials and Forming Processes	2
AGEN 2032/2031 Agricultural Electrification/Lab	3		
Total Semester Hours	18	Total Semester Hours	16
Fall – Semester 3		Spring – Semester 4	
PHED 1__1 PE Activity	1	Social Science Elective (HIST 2013, HIST 2023, or PSCI 2003)	3
BSCI 1013/1011 The Biological Sciences/Lab	4	Humanities Choice (ART 2013, HUM 2003, MUS 2013)	3
Elective**	3	ENGR 2003/2001 Industrial Instrumentation/Lab	4
PHYS 2003/2001 General Physics I/Lab	4	PHYS 2103/2101 General Physics II/Lab	4
CSCI 1102/1101 Introduction to Computing/Lab or MIS 1003 Introduction to Computers	3	CSCI 2103 Computer Science I	3
Total Semester Hours	15	Total Semester Hours	17

Total hours for major - 66*

*With an ACT Math score of 21 or higher, a student has the option to take MATH 1045 Pre-Calculus in lieu of MATH 1023 College Algebra and MATH 1033 Plane Trigonometry. With an ACT Math score of 26 or higher, a student may start with MATH 1525 Calculus I.

**ECON 2103 Microeconomics or PSYC 2003 General Psychology is recommended for entry into the B.S.I.T. program

**Engineering Physics Major
Industrial Technology Option**

Suggested Plan of Study

2010-2011 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1023 Composition I	3	ENGL 1123 Composition II	3
GSTD 1002 Freshman Seminar	2	MATH 1033 Plane Trigonometry	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U.S. History I or II	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1501 Activity and Wellness	1
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Basic Technical Core Elective**	4
Basic Technical Core Elective**	4	Basic Technical Core Elective**	3
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
PHYS 2003/2001 General Physics I/Lab	4	Basic Technical Core Elective**	4
CSCI 1102/1101 Introduction to Computing/Lab	3	BSCI 1103/1011 Biological Science/Lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
HIST 1003 or 1013 World History I or II	3	Basic Technical Core Elective**	3
PHED 1__1 PE Activity	1		
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
Basic Technical Core Elective**	4	ITEC 3503 Computational Methods of Industrial Technology*	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	ENGR 2023 Fundamentals of Manufacturing Processes	3
Basic Technical Core Elective**	3	ITEC 4123 Computer Aided Manufacturing	3
MATH 2123 Applied Calculus for Technology	3	ITEC 3032 Industrial Safety	2
Work Experience or UL Technical Elective	3	MATH 3043 Introduction to Applied Probability and Statistics	3
		Basic Technical Core Elective**	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
PSYC 4023 Industrial and Organizational Psychology	3	Work Experience or UL Technical Elective	3
ITEC 4004 Manufacturing Policy and Ethics	4	ITEC 3003 Quality Control	3
ITEC 4044 Advanced Manufacturing Systems	4	ITEC 3012 Maintenance	2
Work Experience or UL Technical Elective	3	ITEC 3023 Production and Inventory Control	3
		ITEC 3263 Operations Management I	3
		ITEC 3043 Work Analysis: The Study of Motion, Time and Ergonomics	3
Total Semester Hours	14	Total Semester Hours	17

Total hours required for Major – 132

* Prerequisite for ITEC 3503 may be substituted with the consent of the instructor.

**Basic Technical Core Elective: Accounting, Agricultural Economics, Agricultural Engineering, Agronomy, Animal Science, Biology, Chemistry, Management Information Systems, Computer Science, Economics, Engineering, Entomology, Finance, Forestry, General Business, Geology, Horticulture, Industrial Technology, Mathematics, Management, Marketing, Physics, Speech, Spanish, French, Russian.

**General Science Major
Plan I Physical Science Emphasis**

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
*MATH 1023 College Algebra	3	BIOL 2083/2081 General Botany/Lab or BIOL 2023/2021 Vertebrate Zoology/Lab	4
HIST 2013 or 2023 U.S. History I or II	3	HIST 1003 or 1013 World History I or II	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
GSTD 1002 Freshman Seminar	2	*MATH 1033 Plane Trigonometry	3
PHED 1501 Activity and Wellness	1		
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
**GEOL 1003/1001 Physical Geology/Lab	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II	4
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I	4	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	SPCH 1113 Introduction to Public Speaking	3
		PHED 1__1 PE Activity	1
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
BIOL 1103/1101 Introduction to Biology/Lab or BIOL 3093/3091 Environmental Biology/Lab	4	Elective	3
UL Elective in Physics, Chemistry or Geology	4	UL Elective	3
CSCI 2103 Computer Science I	3	CSCI 2113 Computer Science II	3
UL Elective in Physics, Chemistry or Geology	4	UL Elective	3
Total Semester Hours	15	Total Semester Hours	12
Fall - Semester 7		Spring - Semester 8	
PHYS 3054 Modern Physics	4	Elective	3
UL Elective in Physics, Chemistry or Geology	4	MATH 3043 Introduction to Applied Probability and Statistics	3
***Chemistry Choice (CHEM 2013/2011 or CHEM 3003/3001)	4	UL Elective in Physics, Chemistry or Geology	4
UL Elective in Physics, Chemistry or Geology	4	UL Elective in Physics, Chemistry or Geology	4
Total Semester Hours	16	Total Semester Hours	14

Total hours required for major – 124

* With an ACT Math score of 21 or higher, a student has the option to take MATH 1045 Pre-Calculus in lieu of MATH 1023 College Algebra and MATH 1033 Plane Trigonometry. With an ACT Math score of 26 or higher, a student may start with MATH 1525 Calculus I.

**GEOL 1013/1011 Historical Geology/Lab (may be substituted in a spring semester.)

*** CHEM 3113/3111 Instrumental Analysis/Lab may be selected in a spring semester.

General Science Major
Plan I Physical Science Emphasis with Education Minor

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra*	3	BIOL 1103/1101 Introduction to Biology/Lab	4
SPCH 1113 Introduction to Public Speaking	3	HIST 1003 or 1013 World History I or II	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
GSTD 1002 Freshman Seminar	2	MATH 1033 Plane Trigonometry*	3
PHED 1501 Activity and Wellness	1		
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
Humanities choice (ART 2013, HUM 2003, MUS 2013 or, Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
MATH 1525 Calculus I	5	MATH 1545 Calculus II	5
		PHED 1__1 PE Activity	1
Total Semester Hours	14	Total Semester Hours	15
Fall - Semester 5		Spring - Semester 6	
PHYS 2203/2201 University Physics I/Lab	4	PHYS 2213/2211 University Physics II/Lab	4
CHEM 3003/3110 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
HIST 2013 or 2023 U.S. History I or II	3	S ED 3003 Secondary and Middle School Curricula	3
EDUC 2003/2000 Introduction Education and Experience, Level I/Lab	3	SPED 4073 Survey of Exceptional Individuals	3
GEOL 1003/1001 Physical Geology/Lab	4	GEOL 1013/1011 Historical Geology/Lab	4
Total Semester Hours	18	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
PHYS 3054 Modern Physics	4	S ED 4006 Student Teaching I	6
PHYS 4003/4001 Astronomy/Lab	4	S ED 4103 Student Teaching II	3
S ED 4023 Supervised Field Experience II	3	EDUC 4003 Student Teaching Seminar	3
S ED 3113 Methods and Material in Secondary and Middle School Mathematics and Science	3		
EDUC 4043 Assessment, Evaluation and Measurement	3		
Total Semester Hours	17	Total Semester Hours	12

Total hours required for Major – 127

*With an ACT Math score of 21 or higher, a student has the option to take MATH 1045 Pre-Calculus in lieu of MATH 1023 College Algebra and MATH 1033 Plane Trigonometry. With an ACT MATH score of 26 or higher, a student may start with MATH 1525 Calculus I.

**General Science (B.S.) - Plan II
Ten Semester Plan - 3-2 Programs**

Suggested Plan of Study 2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	HIST 2013 or 2023 U.S. History I or II	3
BIOL 1103/1101 Introduction to Biology/Lab	4	BIOL 2083/2081 General Botany/Lab	4
PHED 1501 Activity and Wellness	1	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
GSTD 1002 Freshman Seminar	2	PE 1__1 PE Activity	1
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
Chemistry, Biology or Physics Elective	5	Elective	3
SPCH 1113 Introduction to Public Speaking	3	HIST 1003 or 1013 World History I or II	3
Total Semester Hours	18	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
BIOL 3022/3032 General Microbiology/Lab	4	BIOL 3033/3031 Genetics/Lab	4
Chemistry, Biology or Physics Elective	5	Chemistry, Biology or Physics Elective	4
Total Semester Hours	17	Total Semester Hours	16

Total hours for major - 100

Total of 20 hours in one science area (biology, chemistry, or physics). No major required.

Upon request, SAU will confer the baccalaureate degree with a major in General Science on students who successfully complete 100 semester hours of course work (30 semester hours earned prior to clinical training must be taken at the Magnolia campus and 12 must be at 3000-4000 level courses) and two years in an approved accredited school of chiropractic, dentistry, medicine, optometry, pharmaceutical, or veterinary science and who satisfy the other requirements for graduation.

TWO YEARS (4 semesters) - Clinical/Professional courses

Course Descriptions

Accounting (ACCT)

ACCT 2003. Principles of Accounting I. Introduction to the field of accounting, focusing on the fundamentals of financial accounting. Fall, spring, summer.

ACCT 2103. Principles of Accounting II. Prerequisite: ACCT 2003. Introduction to managerial accounting, including cost accounting, financial analysis for decision making, and managerial reporting. Fall, spring, summer.

ACCT 3003. Intermediate Accounting I. Prerequisites: ACCT 2003 and ACCT 2103. Generally accepted accounting principles underlying the balance sheet, income statement, and retained earnings statement. Problems and theory related to accounting for assets. Fall, spring semester.

ACCT 3013. Managerial Accounting. Prerequisites: ACCT 2003 and ACCT 2103. Principles and practices of managerial accounting, with emphasis on cost management issues, including identification of cost activity bases, the measurement and reporting of cost information, and the use of cost information in decision making. Fall semester.

ACCT 3063. Accounting Information Systems. Prerequisites: ACCT 2103 and MIS 2053. Study of theories and procedures of designing and implementing accounting information systems with emphasis on transaction cycles, internal controls, and computerized accounting. Same as MIS 3063. Spring semester.

ACCT 3103. Intermediate Accounting II. Prerequisite: ACCT 3003. Problems and theory related to accounting for liabilities and equity, investments, revenue recognition, earnings per share, and cash flow statement. Fall, spring semester.

ACCT 3133. Fraud Examination and Prevention. Prerequisite: Junior status for accounting and criminal justice majors. The course provides an introduction to the principles of Fraud Examination and Prevention, including the fraud classification system, the nature of fraud, and understanding how to prevent and detect fraud in business entities. Cross-referenced with CRJU 3133. Fall semester.

ACCT 3983. Business Internship in Accounting. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to accounting. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Fall, spring, summer.

ACCT 4003. Auditing. Prerequisites: ACCT 3103 and ACCT 3063. Theory and practice of auditing as applied to financial statement audits, compliance audits, and operational audits. Also covers professional ethics for accountants and legal liability issues. Fall semester.

ACCT 4023. Individual Income Tax. A study of federal income tax laws with emphasis on the determination of federal income tax liability and tax planning for individuals. Fall semester.

ACCT 4043. Advanced Financial Accounting I. Prerequisite: ACCT 3103. Problems and theory related to advanced topics in financial accounting including pensions, leases, deferred income taxes, and financial statement analysis. Fall semester.

ACCT 4053. Advanced Financial Accounting II. Prerequisite: ACCT 3103. Theory and practice of accounting for business combinations, consolidated financial statements, partnerships, estates and trusts, corporate liquidations, segment reporting, and international operations. Spring semester.

ACCT 4063. Governmental and Not-for-profit Accounting. Prerequisite: ACCT 3103. Generally accepted accounting principles for governmental and not-for-profit organizations, with emphasis on fund accounting and the preparation and analysis of financial reports. Spring semester.

ACCT 4123. Advanced Taxation. Prerequisite: ACCT 4023. A study of federal income tax laws with emphasis on the determination of federal income tax liability and tax planning for entities other than individuals. Spring semester.

ACCT 4163. CPA Review. Prerequisite: permission of the instructor. Analysis and study of problems covered on the Certified Public Accountant examination related to financial accounting and reporting. As needed.

ACCT 4301-3. Special Topics in Accounting. Prerequisite: ACCT 3103. A study of current events in accounting, financial statements analysis, taxation, cost analysis, and other topics as selected by the instructor. As needed.

Agricultural Economics (AGEC)

AGEC 2073. Principles of Agricultural Economics. Microeconomic principles with emphasis on agricultural production and pricing. Analysis of resource allocation under comparative economic systems. Same as ECON 2103. Lecture three hours. Spring semester.

AGEC 3003. Marketing of Farm Products. Prerequisite: AGEC 2073. A study of the marketing channels, movements of products from producers to consumers. Lecture three hours. Fall, spring semester.

AGEC 3033. Futures Markets and Commodity Futures Trading. Prerequisite: AGEC 2073. Introduction to futures markets and agricultural commodity futures trading. Lecture three hours. Alternate spring semester.

AGEC 3043. Farm Management. Prerequisite: AGEC 2073. A study of the principles of the farm organization and operation. The fundamental principles of economics as applied to agriculture will be reviewed and applied whenever possible. Organization and management of the farm for profitable production will be emphasized. Lecture three hours. Spring semester.

AGEC 3073. Principles of Real Estate. The basic concepts of real estate ownership, management, and marketing. An inquiry into the legal requirements and instruments involved in real estate management. Same as FIN 3073. Lecture three hours. Fall semester.

AGEC 4013. International Business in Agriculture. An introduction to the essentials of international business in agriculture and the forces that affect it. Topics covered include the nature of international business in agriculture; international organizations and monetary systems; foreign environments; and special management and marketing considerations which must be undertaken in order to perform international business in agriculture. Lecture three hours. Fall semester.

AGEC 4023. Agribusiness Management. Prerequisites: AGECE 2073 and ACCT 2003. This class provides students with broad and necessary agribusiness management skills with emphasis on the latest thinking on strategic planning and management. Topics are built around the four functions of management including planning, organizing, controlling, and directing. Lecture three hours. Spring semester.

AGEC 4033. Real Estate Appraisal. An investigation of the principles and techniques of real estate appraisal for residential, commercial, and industrial properties. Same as FIN 4033. Lecture three hours. Spring semester.

AGEC 4043. Agricultural Finance. Introduction to concepts and methods in agricultural finance. Fall semester.

AGEC 4053. Agricultural Policies and Problems. Prerequisites: ECON 2203, AGECE 2073, or ECON 2103, and senior standing. Study of current economic problems facing the agricultural producer and agri-businessman. Lecture three hours. Fall semester.

AGEC 4063. Risk Management in Agriculture. Introduction to the concepts of risk, risk analysis, risk management, and their application to the field of agriculture. Lecture three hours. Spring semester.

Agricultural Education (AGED)

AGED 3003. Leadership and Communication. Covers leadership skills needed by teachers. Topics include group dynamics, conflict resolution, parliamentary procedure, public speaking, and many others. Lecture three hours. Fall semester.

AGED 4003. Methods of Teaching Agricultural Mechanics. Corequisite: AGED 4013. Planning, directing, and evaluating methods of teaching agricultural mechanics. Lecture three hours. Fall semester.

AGED 4013. Methods in Agricultural Education. Corequisite: AGED 4003. Methods and techniques in the quality teaching of agriculture education. Lecture three hours. Fall semester.

AGED 4023. Program Development. Principles and procedures used in developing a well-rounded agricultural education program. Lecture three hours. Spring semester.

Agricultural Engineering (AGEN)

AGEN 1001. Agricultural Structures. Woodworking, types of structures, foundations and concrete, building materials, insulation values, ventilation, heating and cooling, plumbing, and structural material selection. Lecture one hour. Spring semester.

AGEN 1002. Agricultural Structures Lab. Must be taken concurrently with AGEN 1001 or instructor's permission. Laboratory four hours. Spring semester.

AGEN 1011. Environmental and Natural Resource Systems. Agricultural surveying, conservation practices, conservation structures, water quality, material compatibility, recycling, waste disposal, and resource management. Lecture one hour. Spring semester.

AGEN 1012. Environmental and Natural Resource Systems Lab. Must be taken concurrently with AGEN 1011 or instructor's permission. Laboratory four hours. Spring semester.

AGEN 2001. Agricultural Power, Machinery, and Equipment. Small gasoline engines, large engines, repair, maintenance, processing equipment, materials handling, and industry topics. Lecture one hour. As needed.

AGEN 2002. Agricultural Power, Machinery, and Equipment Lab. Must be taken concurrently with AGEN 2001 or instructor's permission. Laboratory four hours. As needed.

AGEN 2021. Agricultural Metals. Modern welding concepts and techniques, cold metal working, and metal working. Lecture one hour. Fall semester.

AGEN 2022. Agricultural Metals Lab. Must be taken concurrently with AGEN 2021 or instructor's permission. Laboratory four hours. Fall semester.

AGEN 2031. Agricultural Electrification. Electric motors, principles of agricultural electric circuits and wiring, controls, and electronics. Lecture one hour. Fall semester.

AGEN 2032. Agricultural Electrification Lab. Must be taken concurrently with AGEN 2031 or instructor's permission. Laboratory four hours. Fall semester.

AGEN 3001. Principles of Agricultural Engineering Lab. Must be taken concurrently with AGEN 3003 or instructor's permission. Laboratory two hours. Spring semester.

AGEN 3003. Principles of Agricultural Engineering. Prerequisite: Sophomore standing. A study of drainage, erosion control and terracing, farm power, farm machinery, and electricity. Problems include mapping, measurements, leveling, basic wiring, power measurements, drawing, and lettering. Lecture three hours. (This course will substitute for AGEN 2001/2002 with approval of the department chair.) Spring semester.

Agriculture (AGRI)

AGRI 1002. Freshman Agriculture Orientation. A series of lectures dealing with agriculture as a profession and with the various possible majors and job opportunities. One hour credit. Fall semester.

AGRI 2003. Computer Applications in Agriculture. Prerequisites: MATH 1023, CSCI 1102/1101, or MIS 1003 or permission of instructor. Computer applications in the field of agriculture. Introduction to agriculturally-oriented software programs and specific applications to the field of agriculture. Primary focus on using the computer to solve problems in agriculture. Lecture three hours. Fall, spring semester.

AGRI 4003. Special Problems in Agriculture. A research project answering an agronomic problem will be planned, developed, answered, and written into a presentable format by the student enrolled in the program. Written permission by departmental chair is necessary. Three hours credit. Fall, spring, summer.

Agronomy (AGRO)

AGRO 1001. Crops Lab. Must be taken concurrently with AGRO 1002 or instructor's permission. Laboratory two hours. Spring semester.

AGRO 1002. Crops. A first course in crops: their value as cash, grain, feed, cover, or green manure crops; types and varieties. Lecture two hours. Spring semester.

AGRO 2011. Soils Lab. Must be taken concurrently with AGRO 2013 or instructor's permission. Laboratory two hours. Spring semester.

AGRO 2013. Soils. Prerequisites: CHEM 1011/1013 and CHEM 1111/1113. Origin, classification, productiveness, and physical properties of soils. Lecture three hours. Spring semester.

AGRO 3031. Forage Crops and Pasture Management Lab. Must be taken concurrently with AGRO 3032 or instructor's permission. Laboratory two hours. Fall semester.

AGRO 3032. Forage Crops and Pasture Management. Principles involved in the general area of crop and pasture management. Lecture two hours. Fall semester.

Anthropology (ANTH)

ANTH 1003. General Anthropology. An introduction to cultural anthropology, the study of culture and man in all times and all places. Major topics are the concept of culture itself, man as a culture bearing animal, and various aspects of culture such as language, social organization, economy, technology, and religion as they appear in primitive and modern societies. Same as SOC 1003. Spring semester.

ANTH 3043. Anthropology: Man in Prehistory. An introduction to physical anthropology and archaeology covering basic concepts in physical anthropology; the origins, evolution and racial development of man; basic concepts in archaeology; and the development of culture from the early Pleistocene up through the dawn of recorded history. Same as SOC 3043. As needed.

ANTH 3143. Anthropology: The North American Indian. The archaeology, ethnology, and history of North American Indians from the time of their arrival on this continent prior to 12,500 B.C. down to the present century. Same as HIST 3143 and SOC 3143. Spring semester.

ANTH 4133/4233. Advanced Topics in Anthropology. Special topics in anthropology as chosen by the faculty. Students may take the course once under each number with different topics. As needed.

Art (ART)

ART 1013. Drawing I. A course designed to teach the fundamental techniques of drawing in various media. Provides instruction in the application of art elements and principles. Studio six hours. Fall semester.

ART 1023. Three-Dimensional Design. Prerequisites: ART 1013 and ART 1043. Exploration of three-dimensional form and space stressing organization of design elements, development of concepts, and manipulation of materials. Investigation of linear space, modular ordering, mass/volume, and color through projects of a conceptual and applied nature. Studio six hours. Spring semester.

ART 1043. Two-Dimensional Design. A basic study in two-dimensional organization of the elements and principles of design and color theory. Studio six hours. Fall semester.

ART 1113. Drawing II. Prerequisite: ART 1013. Advanced problems in drawing, life drawing, group composition, drawing with colored media, and experimental techniques. Spring semester.

ART 2003. Introduction to Communication Design. Prerequisites: ART 1013, ART 1043, and ART 2123. Introduction to aspects of graphic communication using studio projects. Consideration of various methods of conventional and experimental graphics, mechanical reproduction, use of tools and equipment, the latest software, and current communications design concepts and trends. Spring semester.

ART 2013. Art Appreciation. Designed for the general student, the course attempts to present art as part of our cultural heritage. Basic terms and the characteristics of styles and periods. Includes familiarization with art equipment and process. Fall, spring, summer.

ART 2023. Printmaking I. Prerequisites: Art 1013 and ART 1043. Basic studio work in printmaking processes and techniques including relief, serigraphy, intaglio, and lithography. Fall semester.

ART 2043. Layout and Production. The course is designed to provide a greater understanding of how elements of design function in a specified area, and how to position these elements for hierarchical purposes. Traditional and contemporary techniques will be discussed and applied to a variety of media in design. In addition to layout techniques, it is important to understand production limitations and capabilities within a specific design medium. This course will provide an understanding of what is practical in different areas of design in terms of production. Alternate spring semester.

ART 2063. Ceramics I. An introduction to ceramic processes including handbuilding techniques, wheel forming, glaze, and firing procedures. Studio six hours. Offered - see advisor. Fall semester.

ART 2103. Painting I. Prerequisites: ART 1013 and ART 1043. The development of skills in opaque painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Studio six hours. Spring semester.

ART 2123. Digital Image-Making. Introduction to computer terminology, file management, network applications, and graphics applications in both PC and Mac environments. Emphasis on instruction using Adobe Photoshop and Adobe Illustrator software programs. Same as MCOM 2123. Fall semester.

ART 2133. Basic Digital Photography. The course will focus on the taking of photographs and the enhancement and printing of photographs from within a digital environment. Topics include terminology/technology, lighting, composition, depth of field, exposure, shutter speeds, lenses, digital file storage and management and electronic viewing. Student must furnish own digital camera, preferably with manual adjustments for focus aperture and shutter. Same as ART 2133. Spring semester, even years.

ART 2143. Art History I. A study of the great works of art in the fields of architecture, sculpture, painting, and the allied arts from pre-history to the Romanesque period. Includes exposure to both Western and non-Western works and their influences. Spring semester.

ART 2153. Art History II. A continuation of ART 2143 covering the period from Gothic art to nineteenth century Realism. Includes exposure to both Western and non-Western works and their influences. Fall semester.

ART 2163. Introduction to Typography. Prerequisites: ART 1043 and ART 2123: Through the study of the history of typography, typographic lessons are explored chronologically to give the student a broad base of knowledge in grids, techniques, typeface creation and language. Fall semester.

ART 3013. Crafts. Studio work in the fine crafts, with emphasis on creative expression and issues of utility. Concept driven media and technique as well as traditional craft material and processes. As needed.

ART 3033. Printmaking II. A continuation of Printmaking 2023, but will focus on lithography and monotype/mono-print. Will explore in further depth the process of printing in edition, with an emphasis on the artistic rather than the commercial aspect. All techniques will be demonstrated and explored “hands-on” while being discussed in terms of historical progression. Course content will include the mechanics of the litho press, the process of printing, color separation, remedies to print failures, and critiques. The art of matting, conservation and care of prints and the varieties of paper available will be discussed. This is a physically demanding class due to the nature of the printing process. Alternate fall semester.

ART 3063. Ceramics II. Prerequisite: ART 2063. Advanced studio work in ceramics with emphasis on the aesthetic values beyond application of techniques. Self-initiated problems, including glaze formulation and firing procedures, will be stressed. Studio six hours. Alternate spring semester.

ART 3073. Three-Dimensional Modeling and Animation. Prerequisite: ART 2123. Introduction to three-dimensional modeling application in computer environment and sequential art. As needed.

ART 3083. Advanced Typography. Prerequisites: ART 2163. Study of letter forms, their history, and designing with type. Emphasis on innovative typography in a variety of media and concepts and the use of pictorial symbols as forms of communication. Spring semester.

ART 3213. Public School Art. A course designed for prospective teachers of art in the public school. Presents the practical application of art media, techniques, and theory to the needs of school children. Covers both developmental stages of children's art and foundations in basic art concepts. Lecture and studio six hours. As needed.

ART 3223. Illustration. Prerequisite: ART 1013 and ART 1043. Exploration of a variety of illustrative techniques and concepts. Emphasis on black and white illustration. Studio six hours. Alternate spring semester.

ART 3233. Painting II. Prerequisites: ART 2103. Continuing study and exploration of opaque painting methods and materials. Some structured assignments with exploration of individual concepts, ideas, and imagery to reinforce growth of technical skills and personal painting style. Alternate fall semester.

ART 3333. Advanced Communication Design. Prerequisite: ART 2003. Further problem-solving in the area of graphic communications. Students will concentrate on achieving sophisticated design solutions for hypothetical and actual clients. Completed solutions should be for portfolio building as well as formal analysis and critique. Alternate fall semester.

ART 3353. Multimedia and Web Design I. Prerequisite ART 1043, ART 2003, and ART 2123: Introductory course to web design and multimedia using a variety of software options and formats including CSS, Dreamweaver, After Effects, Final Cut Pro and Flash. Fall semester.

ART 3363. Advanced Digital Photography. Prerequisite ART 2133/MCOM 2133: Open to all majors who desire concentrated exploration in digital photography to further develop their personal artistic growth, both process-oriented and conceptual. The student will initiate a problem proposal in written form to receive approval from the supervising art faculty. Six studio hours – classroom and on location. Periodical progress reviews will be established. Alternate fall semester.

ART 3401-03. Art Internship. Prerequisites: 60+ hours, minimum GPA 3.00. and/or recommendation of an art faculty member. Participating students engage in a structured field experience under the supervision of a faculty advisor. Periodic reviews will be set up under the assigned instructor. The ART internship program offers 1 to 3 hours of credit, and as an honors program. Students are restricted to a cumulative total of 4 credit hours under the internship program. As needed.

ART 3543. Figure Drawing. Prerequisite: ART 1113 or approval of the instructor. The course is to study, understand, and experience through drawing and painting, the styles and impetus behind figurative art. The focus of this class will be on the structure, weight, and form of the body, its bone and muscular anatomy as well as how the human form has been and is being used as a means to an end in art. Part of the class will focus on periods of figurative change due to artists' thoughts, motivations, and practices, and

will investigate the various personal, social, political, sexual and cultural forces that promoted artists to rethink the human form. This course will deal with figurative genres, such as isolated and group figures, interior and exterior scenes, realism and abstraction – in both an objective and interpretive manner. This class is not intended to provide solutions; instead, it will offer options. Alternate fall semester.

ART 4003. Sculpture. Prerequisite: ART 1023. Introduction to processes and materials of additive, subtractive, and metal casting processes. Creative expression as well as exploration in idea-form-material relationships. Studio six hours. Alternate fall semester.

ART 4013, 4113. Special Topics in Art I, II. Prerequisites: Successful completion of 15 hours in art. Open to all art majors and minors who wish to pursue in-depth research into a particular studio, design, or art history topic or series of topics chosen by the supervising art instructor(s). The research can be in two-dimensional, three-dimensional, or art historical areas and may be composed from any combination of these. Six studio hours. On an arranged basis. Periodical progress reviews will be established. Art I, fall semester/Art II, alternate fall semester.

ART 4023, 4123. Advanced Art Studio I, II. Prerequisites: ART 4013 and permission. Open to art majors who desire concentrated exploration in a particular studio or design area to further develop their personal artistic growth both process-oriented and conceptual. The student will initiate a problem proposal in written form to receive approval from the supervising art faculty. Areas of concentration may be in one of the following: ceramics, drawing, graphic design, painting, printmaking, or sculpture. Other areas of concentration may be allowable upon approval from the department chair and supervising faculty. Six studio hours or equivalent work in library research. On an arranged basis. Periodical progress reviews will be established. Advanced Art Studio I, fall semester/ Advanced Art Studio II, alternate fall semester.

ART 4033. History of Modern Art. Prerequisites: ART 2143, ART 2153. A study of Modern Art (nineteenth century to present) and the artists and theories behind the works. Includes exposure to mostly Western, but also some non-Western works and their influences. Spring semester.

ART 4053. Package Design. Prerequisites: ART 2003. The design of labels and other graphics included in the packaging of a commercial product will be considered and explored. Also, the design of the three-dimensional package itself that houses certain products will be produced. Lecture and studio six hours. Alternate spring semester.

ART 4063. Art History Seminar I. This course is designed to give the student a deeper understanding of current research methods and tactics in the field of art history. Topics may vary from student to student, or from semester to semester. The student may produce a number of research papers and/or projects related to art history during the course of the semester. There may also be some travel involved in this course. Alternate fall semester.

ART 4073. Art History Seminar II. By permission of the instructor. A continuation of Art History Seminar I. As needed.

ART 4133. Senior Art Seminar. A senior level discussion of current topics and trends related to the business of art. Fall semester.

ART 4143. Senior Capstone Review. The work of the students from throughout their academic career will be evaluated by faculty for exhibition and compared with professional standards designed to prepare them for a career in the art and design community. Alternate fall, spring semester.

ART 4353. Multimedia and Web Design II. Prerequisites: ART 3353: This advanced course employs a variety of software application to enhance the student's understanding of design and function in digital media. Students will apply core concepts and use a full range of skills to complete projects that reflect industry standards. Alternate spring semester.

Animal Science (AS)

AS 1001. Animal Science Lab. Must be taken concurrently with AS 1003 or instructor's permission. Laboratory two hours. Fall semester.

AS 1003. Animal Science. The importance of animal and poultry production and management of livestock, poultry, and their products. Lecture three hours. Fall semester.

AS 1021. Livestock Fitting and Showing. Feeding, training, trimming of feet, grooming, and showing of beef cattle, sheep, hogs, and dairy cattle. Lecture one hour. As needed.

AS 1031. Livestock Fitting and Showing Lab. Must be taken concurrently with AS 1021 or instructor's permission. Laboratory two hours. As needed.

AS 2021. Dairy Cattle Judging Lab. Must be taken concurrently with AS 2031 or instructor's permission. Laboratory two hours. Alternate spring semester - as needed.

AS 2031. Dairy Cattle Judging. A study of the dairy cattle breeds. Judging and selection of dairy cattle, use of score card, study of breed type, and comparative judging. Lecture one hour. Alternate spring semester - as needed.

AS 2051. Livestock Judging. Practice in comparative judging. Oral and written discussion of beef cattle, dairy cattle, swine, and sheep. Lecture one hour. Alternate fall semester.

AS 2061. Livestock Judging Lab. Must be taken concurrently with AS 2051 or instructor's permission. Laboratory two hours. Alternate fall semester.

AS 3001. Animal Physiology Lab. Must be taken concurrently with AS 3002 or instructor's permission. Laboratory two hours. Fall semester.

AS 3002. Animal Physiology. Prerequisites: CHEM 1011/1013, CHEM 1111/1113, or CHEM 1021/1023, and sophomore standing. A study of the physiology of the various systems and organs of the mammalian organism. Lecture two hours. Fall semester.

AS 3011. Poultry Production Lab. Must be taken concurrently with AS 3012 or instructor's permission. Laboratory two hours. Alternate fall semester – as needed.

AS 3012. Poultry Production. Fundamentals of broiler and commercial egg production in Arkansas with emphasis on nutrition, physiology, and management. Lecture two hours. Alternate fall semester – as needed.

AS 3021. Feeds and Feeding Lab. Must be taken concurrently with AS 3022 or instructor's permission. Laboratory two hours. Spring semester.

AS 3022. Feeds and Feeding. Prerequisite: AS 1001/1003. Principles of animal nutrition, composition and digestibility of feeds, and balanced rations. Lecture two hours. Spring semester.

AS 3033. Animal Nutrition. Prerequisite: AS 1001/ 1004. A study of the mechanisms of the utilization of feed nutrients by farm animals. Lecture three hours. Spring semester.

AS 3083. Genetics and Animal Breeding. Prerequisite: AS 1001/1003. Course will entail working with animal breeding systems in relation to their applications to economic utility. A study of the principles in inheritance and their application to population genetics and animal breeding systems. Lecture three hours. Spring semester.

AS 3091. Physiology of Reproduction Lab. Must be taken concurrently with AS 3092 or instructor's permission. Laboratory two hours. Fall semester.

AS 3092. Physiology of Reproduction. Comparative physiology of reproduction and endocrinology of farm animals, the principles of artificial insemination, and factors affecting conception in natural and artificial breeding. Lecture two hours. Fall semester.

AS 3101. Equine Science Laboratory. Must be taken concurrently with AS 3102 or instructor's permission. Laboratory two hours. Fall semester.

AS 3102. Equine Science. A compilation of all scientific processes and economic principles necessary to have a successful equine program. The course is designed to provide the student with knowledge and working skills of identifying, breeding, housing, feeding, working, disease control, and marketing of equine. Lecture two hours. Fall semester.

AS 4001. Beef Production Lab. Prerequisites: AS 1003/1001 or instructor's permission. Must be taken concurrently with AS 4002 or instructor's permission. Laboratory two hours. Spring semester.

AS 4002. Beef Production. Prerequisites: AS 1003/1001 and AS 3021/3022. A study of beef production with emphasis on breeding, feeding, and management of commercial and purebred beef cattle. Lecture two hours. Spring semester.

AS 4011. Swine Production Lab. Must be taken concurrently with AS 4012 or instructor's permission. Laboratory two hours. Spring semester as needed.

AS 4012. Swine Production. Prerequisites: AS 1001/1003 and 3021/3022. Methods in purebred and commercial swine. Lecture two hours. Spring semester as needed.

AS 4021. Dairy Science Laboratory. Prerequisite: AS 1003/1001. Must be taken concurrently with AS 4022 Laboratory or instructor's permission. Laboratory two hours. Fall semester as needed.

AS 4022. Dairy Science. Prerequisite: AS 1003/1001. A survey of the dairy industry, dairy breeds, standards feeding, management and health maintenance. The food value, composition and quality, utilization and processing market milk and dairy products will be discussed. Lecture two hours. Fall semester as needed.

American Sign Language (ASL)

ASL 1002. American Sign Language I. Designed to develop the student's expressive and receptive skills in American Sign Language to the point that the student will be able to carry on a simple conversation in American Sign Language. As needed.

ASL 1012. American Sign Language II. Designed to develop expressive and receptive signing skills and to develop ability in American Sign Language. As needed.

Asian Studies (AST)

AST 4383, 4393. Advanced Topics. Advanced topics in Asian Studies as chosen by the faculty. Students may take the course once under each number with different topics. Offered - see advisor.

Athletic Training (AT)

AT 1001. Gateway to Athletic Training. An introduction to athletic training; the course provides information on the knowledge, content and skills in the athletic training profession and the required didactic and psychomotor competencies of athletic training as described by the National Athletic Trainers Association. The course will introduce the students to the Athletic Training Education Program (ATEP) at SAU and will identify learning and experience opportunities. This course is required in order to be eligible to apply to the ATEP and will include the accumulation of a minimum 120 observation hours. Fall semester.

AT 1011. Aquatic Therapeutic Exercise. Prerequisites: Consent of instructor. A study of aquatic therapeutic techniques used in the conditioning, reconditioning and rehabilitation of athletic-related injuries to the physically active. Spring semester, even years.

AT 1012. Taping and Bandaging in Athletic Training. Prerequisites: AT 1001 and consent of instructor. The study and application of the use of taping and bandaging techniques used in the prevention and care of athletic-related injuries. Spring semester.

AT 1021. Strength and Conditioning. Prerequisites: Consent of instructor. A study of physical conditioning principles, including weight training, circuit training, and cardiovascular training techniques used in rehabilitation, reconditioning, and conditioning of active persons and activity related injuries. Includes safety procedures and principles used in various seasons of activity. Spring semester, odd years.

AT 2003. Evaluation of Upper Extremity. Prerequisites: HS 2043, HS 2443 and acceptance into ATEP. The study and application of the advanced principles and techniques of evaluating athletic injuries to the upper extremity and adjacent structures. Fall semester.

AT 2013. Evaluation of Lower Extremity. Prerequisites: HS 2043, HS 2443, AT 2003. The study and application of the advanced principles and techniques of evaluating athletic injuries to the lower extremity. Spring semester.

AT 2031. Clinical Experience 1. Prerequisites: Admitted into the ATEP, HS 2443. Fall semester.

AT 2041. Clinical Experience 2. Prerequisites: Admitted into the ATEP, AT 2031. A study of psychomotor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses and the related competencies. Supervised practical experience and skill testing will take place. Requires a minimum of 200 and a maximum of 250 supervised clinical and field experience hours. Spring semester.

AT 3003. Therapeutic Modalities. Prerequisites: HS 2043, HS 2443 and acceptance into ATEP. The study of the current theory and application in the use of therapeutic modalities in athletic training. Emphasis will be placed on thermal, hydrotherapeutic, and electrotherapeutic modalities. This course also provides laboratory learning. Spring semester.

AT 3012. Pathology of Athletic Injuries. Prerequisites: HS 2043, HS 4243 and acceptance into ATEP. The study of the physiological responses of human growth and development and the progression of injuries, illnesses and disease. Additional focus on the anatomical and physiological aspects of musculoskeletal injuries, changes in tissues, and the healing process. Fall semester.

AT 3013. Therapeutic Exercise. Prerequisites: HS 2043, HS 2443, AT 3003. A study of sports therapy and athletic training techniques used in the rehabilitation and reconditioning of injuries related to the physically active. Development of goals and objectives in rehabilitation and methods of exercise progression and evaluation. Including the use of goniometry, muscle testing, and therapeutic exercise techniques. Fall semester.

AT 3031. Clinical Experience 3. Prerequisites: Admitted into the ATEP, AT 2041. A study of psychomotor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses and the National Athletic Trainers Association related competencies. Supervised practical experience and skill testing will take place. Requires a minimum of 200 and a maximum of 250 supervised clinical and field experience hours. Fall semester.

AT 3041. Clinical Experience 4. Prerequisites: Admitted into the ATEP, AT 3031. A study of psychomotor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses and the National Athletic Trainers Association related competencies. Supervised practical experience and skill

testing will take place. Requires a minimum of 200 and a maximum of 250 supervised clinical and field experience hours. Spring semester.

AT 4003. Professional Healthcare Issues. Prerequisites: Senior standing, HS 4433. A study of intervention, referral concepts, medical ethics, legal issues in sports medicine. Focus on the role of the athletic trainer in healthcare. Topics to include current health care trends and alternatives. Spring semester.

AT 4013. Organization and Administration in Athletic Training. Prerequisites: HS 4433. A study of administrative and management techniques used in athletic training. Topic areas to include facility design, human resource management, program leadership, budgets, record keeping, insurance, supplies, legal issues, and professional career development. Spring semester.

AT 4031. Clinical Experience 5. Prerequisites: Admitted into the ATEP, AT 3041. A study of psychomotor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses and the related competencies. Supervised practical experience and skill testing will take place. Internship opportunities with local allied healthcare providers will be required. Requires a minimum of 200 and a maximum of 250 supervised clinical and field experience hours. Fall semester.

AT 4041. Clinical Experience 6. Prerequisites: Admitted into the ATEP, AT 4031. A study of psychomotor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses and the related competencies. Supervised practical experience and skill testing will take place. Externship opportunities with local allied healthcare providers will be required. Requires a minimum of 200 and a maximum of 250 supervised clinical and field experience hours. Spring semester.

Biology (BIOL)

BIOL 1001. Medical Terminology for Allied Health. This course is designed to introduce necessary terminology needed for an allied health profession. Pronunciation, root words, abbreviations, and body systems terminology are emphasized. Fall, spring semester.

BIOL 1101. Introduction to Biology Lab. This is a life science laboratory course which accompanies BIOL 1103. It reinforces and supplements the basic principles of biology presented in BIOL 1103. Fall, spring semester.

BIOL 1103. Introduction to Biology. A lecture course in the principles of biology, it serves as a prerequisite for all other biology courses for biology majors and minors. Instruction in the fundamental concepts of life science will provide a foundation of knowledge, preparing students for subsequent courses which contain higher-level, content-specific information. Fall, spring semester.

BIOL 2003. Nutrition and Diet. Prerequisites: One semester of biology or one semester of human anatomy and physiology. The fundamental principles of human nutrition and diets; emphasizes normal nutrition as a basis for making diet adaptations in disease. Lecture three hours. Fall, spring semester.

BIOL 2012. Comparative Anatomy Lab. To accompany BIOL 2022. Laboratory four hours.

BIOL 2021. Vertebrate Zoology Lab. To accompany BIOL 2023. Laboratory two hours.

BIOL 2022. Comparative Anatomy of the Vertebrates. Prerequisite: BIOL 2023/2021. Dissection of the shark and cat. Emphasizes comparative structural forms among representatives of the vertebrate classes. Lecture three hours. Fall semester as needed.

BIOL 2023. Vertebrate Zoology. Prerequisite: BIOL 1103/1101. A study of the phylogenetic relationships, morphology, and physiological processes of the classes of vertebrates. Lecture three hours. Spring semester.

BIOL 2061. Anatomy and Physiology I Lab. To accompany BIOL 2063. Laboratory two hours.

BIOL 2063. Anatomy and Physiology I. The first in a two-course series dealing with human anatomy and physiology. This course is recommended for nurses, medical technicians, allied health majors, and other interested persons. Not counted for major, minor, or supporting field credit in biology. Lecture three hours. Fall, spring semester.

BIOL 2071. Anatomy and Physiology II Lab. To accompany BIOL 2073. Laboratory two hours.

BIOL 2073. Anatomy and Physiology II. Prerequisite: BIOL 2061/2063 or consent of instructor. A continuation of BIOL 2063. Not counted for major, minor, or supporting field credit in biological science. Lecture three hours. Fall, spring semester.

BIOL 2081. General Botany Lab. To accompany BIOL 2083. Laboratory two hours.

BIOL 2083. General Botany. Prerequisite: BIOL 1103/1101. An introduction to the fundamental principles of plant structure and function. Lecture three hours. Fall, spring semester.

BIOL 3011. Invertebrate Zoology Lab. To accompany BIOL 3013. Laboratory three hours.

BIOL 3013. Invertebrate Zoology. Prerequisite: BIOL 1103/1101. A study of the phylogenetic relationships, morphology, and physiological processes of the classes of invertebrates. Lecture three hours. As needed.

BIOL 3022. General Microbiology Lab. To accompany BIOL 3032. Laboratory four hours.

BIOL 3031. Genetics Experimental Laboratory. Prerequisite or corequisite: BIOL 3033. A laboratory course to accompany BIOL 3033 which introduces the methodology and techniques of experimental genetics. Laboratory two hours. Fall, spring semester.

BIOL 3032. General Microbiology. An introduction to the classification, life history, morphology, metabolism, and general characteristics of microorganisms. Lecture two hours. Fall, spring, summer.

BIOL 3033. Genetics. Prerequisite: Eight hours of biology or consent of instructor. A study of the classical principles of heredity and modern genetic theory. Lecture three hours. Fall semester.

BIOL 3043. Cell Biology. Prerequisites: Two semesters of biology and two semesters of chemistry. Cell anatomy and physiology. Particular emphasis will be given to the study of the structure and function of membranes, mitochondria and chloroplasts, and other cellular organelles. Lecture three hours. Spring semester.

BIOL 3051. Vertebrate Natural History Lab. To accompany BIOL 3053. Laboratory and field trips two hours.

BIOL 3053. Vertebrate Natural History. Prerequisite: BIOL 1103/1101. Emphasis on collection, identification, and natural history of vertebrates of Arkansas. Lecture three hours. Alternate fall semester.

BIOL 3061. Plant Morphology Lab. To accompany BIOL 3063. Laboratory three hours. As needed.

BIOL 3063. Plant Morphology. Prerequisite: BIOL 2081/2083. A comparative study of the structure, life cycles, and natural history of representatives of the major plant groups. Lecture two hours. As needed.

BIOL 3071. Entomology Lab. To accompany BIOL 3073. Laboratory and field trips three hours. Same as ENTO 3071. As needed.

BIOL 3073. Entomology. A study of the principal orders of insects with consideration of life cycles, economic importance, and the methods of control. Lecture three hours. Same as ENTO 3073. Fall semester.

BIOL 3081. Plant Physiology Lab. To accompany BIOL 3083. Laboratory two hours. Same as HORT 3081. As needed.

BIOL 3083. Plant Physiology. Prerequisites: BIOL 2081/2083 and one year of chemistry. A study of the basic physiological processes of plant growth and metabolism. Lecture three hours. Same as HORT 3083. As needed.

BIOL 3091. Environmental Science Lab. To be taken with or after the completion of BIOL 3093 or GEOL 2003. Restricted to B.S.E. candidates; others on approval. Laboratory two hours. As needed.

BIOL 3093. Environmental Biology. Prerequisite: Four hours of biology or consent of instructor. A study of the relationships between organisms and their environment, with emphasis on ecological crises such as environmental pollution and overpopulation. Lecture three hours. As needed.

BIOL 3111. Embryology Lab. To accompany BIOL 3123. Laboratory three hours. Fall, spring semester.

BIOL 3123. Embryology. Prerequisite: BIOL 2023/2021. Descriptive embryology of the vertebrates including the frog, chick, and pig. Lecture three hours. Fall, spring semester.

BIOL 3301. Systematic Botany Lab. To accompany BIOL 3303. Laboratory and field trips four hours. As needed.

BIOL 3303. Systematic Botany. Prerequisite: BIOL 2081/2083. Identification, classification, and phylogeny of vascular plants. Lecture two hours. As needed.

BIOL 3373. Introduction to Neuroscience. Prerequisites: BIOL 2061/2063 or BIOL 2023/2021; and CHEM 1011/1013 or CHEM 1021/1023. Examination of the structure and function of the nervous system, including organizational features, sensory transduction, and the control of emotions and behavior. Lecture three hours. Spring semester.

BIOL 3401. Medical Terminology. Prerequisite: One course in biology, BSCI 1013, or consent of instructor. A concentrated study of basic medical terminology. Lecture one hour. Fall, spring semester.

BIOL 3701. Vertebrate Physiology Lab. To accompany BIOL 3703. Laboratory three hours. As needed.

BIOL 3703. Vertebrate Physiology. Prerequisites: MATH 1023, one year of college-level chemistry with laboratory, and 12 hours of biology including a course in vertebrate zoology. This course is designed for upper-level zoology students. Lecture three hours. As needed.

BIOL 4011. Ecology Lab. To accompany BIOL 4013. Laboratory two hours. Fall, spring semester.

BIOL 4013. Ecology. Prerequisites: Eight hours of biology, four hours of chemistry, three hours of algebra, or consent of the instructor. A study of the structure and function of aquatic and terrestrial ecosystems. Lecture three hours. Fall, spring semester.

BIOL 4020. Immunology and Serology Lab. To accompany BIOL 4022. Laboratory three hours. As needed.

BIOL 4022. Immunology and Serology. Theoretical aspects of the immune response system and its relation to the diagnosis of disease are discussed. Lecture and laboratory stress the detection, identification, and characterization of antibodies. Not counted for major, minor, or supporting field credit in biology. Lecture one hour. As needed.

BIOL 4023. General and Systemic Pathology. This course is about the causes and mechanisms of various human diseases. Also, morphological changes on the cells/

tissues, medical significance and prevention of the diseases will be discussed. Fall semester.

BIOL 4101. Biology Colloquium. Prerequisite: Biology major. Discussion, preparation, and presentation of papers on current topics in biological science. Presentations one hour. Fall, spring semester.

BIOL 4141. Field Biology Lab. To accompany BIOL 4143. Laboratory two hours. Alternate fall semester.

BIOL 4143. Field Biology. Prerequisite: Eight hours of biology. Emphasis is directed toward field collection and identification of the high floral and faunal groups of Arkansas with particular emphasis on local species. Laboratory analysis and preparation of collections will follow field work. Lecture three hours. Alternate fall semester.

BIOL 4151. General Taxonomy Lab. To accompany BIOL 4153. Laboratory two hours. As needed.

BIOL 4153. General Taxonomy. Prerequisites: Six hours of biology and approval of the instructor. An introduction to the procedures, principles, and rules of current taxonomic practice utilizing Arkansas plants and animals. This course provides the necessary background to allow students to identify most major groups of organisms inhabiting Arkansas. Lecture three hours. As needed.

BIOL 4213. Histology. Prerequisite: BIOL 1103/1101, BIOL 2021/2023. This course is dedicated to the study of human tissues. It is designed for Biology majors and minors who may pursue professional degrees in the health sciences. Fall semester.

BIOL 4402. Integrated Sciences for Secondary School Teachers. Integrates content, concepts and activities, and materials and methods of teaching the life and physical sciences in the secondary school. National science standards, safety, teaching strategies, learning styles, and science curricula for secondary school science will be emphasized. Must be taken concurrently with PHYS 4402. As needed.

BIOL 4692-4. Advanced Topics. Prerequisites: Twelve hours of biology and consent of department chairperson. A course devoted to special topics in biology not treated in other biology courses. May be repeated but not more than four hours may count toward the 38 hours for a major in biology. Open only to qualified seniors in the final year of their undergraduate program. As needed.

BIOL 4891, 4991. Independent Research in Biology. Prerequisites: Biology major, 15 hours of biology with a grade point average of 3.00 or higher in biology courses and consent of the instructor. Undergraduate research designed and conducted by the student with faculty supervision. A summary of results written in proper form and an oral presentation of results at a departmental seminar are required. Project plan must be approved by the supervising instructor. Open only to students in final year of undergraduate program. A maximum of one hour credit will be granted in any semester and only two hours may be applied toward graduation. Fall, spring, summer.

Biological Science (BSCI)

BSCI 1011. The Biological Sciences Lab. To accompany BSCI 1013. Laboratory two hours. Fall, spring, summer.

BSCI 1013. The Biological Sciences. A lecture course in the principles of biology designed for general education. Not counted for major, minor, or supporting field credit in biology. Lecture three hours. Fall, spring, summer.

BSCI 3000. Science for the Elementary Teacher Lab. To accompany BSCI 3003. Same as PHSC 3000. Fall, spring semester.

BSCI 3003. Science for the Elementary Teacher. Prerequisites: E ED 3002/3003 and two courses in science. Designed to give the elementary teacher an awareness of the inter-relationship of the various sciences and the essential basic knowledge of new science innovations taught in the elementary school. Selection and organization of learning activities and materials for the teaching of science will also be emphasized. Lecture two hours; laboratory two hours. Same as PHSC 3003. Fall, spring semester.

Chemistry (CHEM)

(Please note that courses in this section are not listed sequentially by numbers.)

CHEM 1011. College Chemistry I Lab. Must be taken concurrently with CHEM 1013. One two-hour period per week. Fall, spring, summer.

CHEM 1013. College Chemistry I. Prerequisite or corequisite: MATH 1023 An introductory course in inorganic chemistry. The first semester of a two-semester General-Organic-Biochemistry (G.O.B.) sequence. Class emphasis is directed toward the needs of students in agricultural-business, nursing, and others not majoring in science. Three hours lecture and two hours laboratory per week (See CHEM 1011). Fall, spring, summer.

CHEM 1111. College Chemistry II Lab. Must be taken concurrently with CHEM 1113. One two-hour period per week. Spring, summer.

CHEM 1113. College Chemistry II. Prerequisites: CHEM 1013 and CHEM 1011. An introductory course in organic and biochemistry designed to follow CHEM 1013. The second semester of a two-semester General-Organic-Biochemistry (G.O.B.) sequence. Does not count toward a major in chemistry nor as a prerequisite for CHEM 3003 or 4003. Three hours lecture and two hours laboratory per week. Spring, summer.

CHEM 1021. University Chemistry I Lab. Must be taken concurrently with CHEM 1023. One three-hour period per week. Fall semester.

CHEM 1023. University Chemistry I. Prerequisite: Math ACT sub score of 21 or higher (SAT 520) or credit in MATH 1023. One full year (or equivalent) of high school chemistry is strongly recommended. Students who have no high school chemistry are advised to complete CHEM 1013 or equivalent. Theoretical and quantitative principles of inorganic chemistry, including laboratory qualitative and quantitative analysis. Basic theoretical and quantitative principles of inorganic chemistry associated with the concepts of the mole, solutions, concentration, heat, atomic and molecular structure,

periodicity, bonding, physical states, and stoichiometry. Credit for CHEM 1011/1013 and 1021/1023 will not be granted for chemistry majors. Three lectures and one three-hour laboratory period per week (see CHEM 1021). CHEM 1023 with a grade of *C* or higher (or consent of the instructor) is a prerequisite to CHEM 1123. Fall semester.

CHEM 1121. University Chemistry II Lab. Must be taken concurrently with CHEM 1123. One three-hour period per week. Spring semester.

CHEM 1123. University Chemistry II. Prerequisite: Grade of *C* or better in CHEM 1021/1023 or consent of the instructor. A continuation of CHEM 1023 emphasizing basic kinetics, thermodynamics, acid/base theory, and descriptive chemistry of inorganic compounds. Three lectures and one three-hour laboratory period per week (see CHEM 1121). Spring semester.

CHEM 1131. Chemistry in Society Lab. Must be taken concurrently with CHEM 1133. One two-hour period per week. Fall, spring semester.

CHEM 1133. Chemistry in Society. Prerequisites: Two years of high school algebra or MATH 1023 or higher. Study of chemistry for general education with emphasis of learning chemical principles on a need-to-know basis to address societal-technological issues. Three hours of lecture and two hours of laboratory per week. CHEM 1133 does not count toward a major in the College of Science and Technology. Credit for CHEM 1133 and CHEM 1013 or CHEM 1023 will not be given. CHEM 1131 is to be taken concurrently with CHEM 1133. Fall, spring semester.

CHEM 3202. Quantitative Chemical Analysis Lab. Must be taken concurrently with CHEM 3212. One four-hour period per week. Fall semester.

CHEM 3212. Quantitative Chemical Analysis. Prerequisite: CHEM 1121/1123. Fundamental theories and techniques in classical chemical analysis including titration, gravimetry, and equilibria. Three lectures and one three-hour laboratory period per week. Must be taken concurrently with CHEM 3202. Fall semester.

CHEM 3001. Organic Chemistry I Lab. Must be taken concurrently with CHEM 3003. One three-hour period per week. Fall, summer.

CHEM 3003. Organic Chemistry I. Prerequisite: CHEM 1121/1123 with a grade of *C* or better, or consent of the instructor. Classification, nomenclature, properties, structure, spectroscopy, and reactions of synthesis of compounds of carbon. Should be taken by chemistry majors in their sophomore year. Three lectures and one three-hour laboratory period per week (see CHEM 3001). Fall, summer.

CHEM 3013. Fundamentals of Physical Chemistry. Prerequisites: CHEM 1121/1123 and MATH 1023. Fundamental concepts of physical chemistry intended primarily for prehealth professionals. A study of the fundamental principles of thermodynamics, equilibria, electrochemistry, solution phenomena, physical state theories and kinetics. Three hours of lecture per week. Alternate spring semester.

CHEM 3021. Physical Chemistry I Lab. Must be taken concurrently with CHEM 3023. One three-hour period per week. Same as PHYS 3021. Alternate fall semester.

CHEM 3023. Physical Chemistry I. Prerequisites: CHEM 1121/1123, MATH 1525, and either CSCI 1101/1102 or a high school computer course in BASIC programming language. Corequisite: MATH 1545. A detailed study of the fundamental principles of thermodynamics applied to equilibria, physical state/phase diagrams, electromotive force, and solution phenomena. Three lectures and one three-hour laboratory period per week (must be taken concurrently with CHEM 3021). Same as PHYS 3023. Alternate fall semester.

CHEM 3051. Junior Seminar - Chemistry. Prerequisites: CHEM 3212/3202 and CHEM 3003. A course designed for science majors. Topics include chemical laboratory safety, interpretation of MSDS, and learning to use scientific reference literature. Students will prepare a paper from multiple literature sources that reviews a scientific topic of chemical significance. Subject material for the paper will be selected under the advisement of the instructor. Fall semester.

CHEM 3101. Organic Chemistry II Lab. Must be taken concurrently with CHEM 3103. One three-hour period per week. Spring, summer.

CHEM 3103. Organic Chemistry II. Prerequisite: CHEM 3001/3003. A continuation of CHEM 3003. Should be taken by chemistry majors in their sophomore year. Three lectures and one three-hour laboratory period per week (see CHEM 3101). Spring, summer.

CHEM 3111. Instrumental Analysis Lab. Must be taken concurrently with CHEM 3113. Operational understanding of modern instrumental techniques of analysis. Spring semester.

CHEM 3113. Instrumental Analysis. Prerequisite: CHEM 3212/3202. Fundamental theories and techniques of instrumental methods commonly used in analytical and quality control laboratories. Three lectures and one laboratory each week. Spring semester.

CHEM 3131. Physical Chemistry II Lab. Must be taken concurrently with CHEM 3133. One three-hour period per week. Alternate spring semester.

CHEM 3133. Physical Chemistry II. Prerequisites: CHEM 3021/3023 and MATH 1545. A detailed study of physical state theories, reaction kinetics, atomic and molecular structure, and spectroscopy. Three lectures and one three-hour laboratory period per week (see CHEM 3131). Alternate spring semester.

CHEM 4001. Biochemistry I Lab. Must be taken concurrently with CHEM 4003. One three-hour period per week. Spring semester.

CHEM 4003. Biochemistry I. Prerequisite: CHEM 3001/3003. The basic concepts of the chemistry of carbohydrates, lipids, proteins, nucleic acids, vitamins, and hormones. Three lectures and one three-hour laboratory period per week (see CHEM 4001). Spring semester.

CHEM 4013. Advanced Organic Chemistry. Prerequisite: CHEM 3101/3103. Organic chemical reactions, mechanisms, and structure/reactivity relationships. Three lectures per week. Alternate fall semester.

CHEM 4033. Advanced Inorganic Chemistry. Prerequisite: CHEM 1121/1123 or consent of instructor. A detailed study of theoretical and descriptive inorganic chemistry. Three lectures per week. Alternate fall semester.

CHEM 4041. Advanced Analytical Chemistry Lab. Laboratory methods associated with advanced analytical chemistry. Must be taken concurrently with CHEM 4043. One three-hour laboratory per week. Alternate spring semester.

CHEM 4043. Advanced Analytical Chemistry. Theories and techniques of classical, chromatographic, spectrographic and sample preparation methods of chemical analysis. Lecture three hours weekly. Must be taken concurrently with CHEM 4041. Alternate spring semester.

CHEM 4051. Senior Seminar - Chemistry. Prerequisite: CHEM 3051. This is a course designed for science majors. For students interested in industrial chemistry positions, the course is intended to develop skills for finding employment. For students interested in graduate work in science, the course is intended to develop skills in researching and applying for graduate programs in science. Students will gain experience both with curriculum vitae and résumé writing as well as the oral presentation of scientific papers from refereed chemical journals. Fall semester.

CHEM 4701-3. Undergraduate Research. Prerequisite: Consent of department chair and instructor. Undergraduate research in an approved program. Semester hour of credit assigned after consultation with faculty and supporting institution. Post-research oral and/or written presentation (required) is the basis of grading. Can be taken a maximum of two times; maximum of six hours total. As needed.

CHEM 4791-3. Advanced Topics in Chemistry I. Prerequisites: CHEM 1021/1023 and CHEM 1121/1123 or consent of the department chair. A course devoted to special topics in chemistry not treated in other courses. Maximum credit: four hours toward graduation from the advanced topics series. As needed.

CHEM 4891-3. Advanced Topics in Chemistry II. Prerequisites: CHEM 1021/1023, CHEM 1121/1123, or consent of the department chair. A course devoted to special topics in chemistry not treated in other courses. Maximum credit: four hours toward graduation from the advanced topics series. As needed.

CHEM 4991-3. Advanced Topics in Chemistry III. Prerequisites: CHEM 1021/1023, CHEM 1121/1123, or consent of the department chair. A series of courses devoted to special topics in chemistry not treated in other courses. Maximum credit: four hours toward graduation from the advanced topic series. As needed.

Chinese (CHIN)

CHIN 1003. Mandarin Chinese I. An introductory course in Mandarin Chinese concentrating on speaking proficiency. Fall semester.

CHIN 1013. Mandarin Chinese II. Prerequisite: CHIN 1003 or consent of instructor. A course in Mandarin Chinese concentrating on speaking proficiency, a continuation of CHIN 1003 Mandarin Chinese I. Spring semester.

Consortium (CONS)

CONS 0001-3. Consortium. Consortium Registration. This course is for students who will study outside the United States, but need a continuing formal relationship with SAU during the semester. It may be taken multiple times during the same semester and/or in succeeding semesters. Academic credit for the semester will be based upon the transfer of credit from the foreign institution. Summer.

Criminal Justice (CRJU)

CRJU 2003. Introduction to Criminal Justice. An examination of the organization, functions, and jurisdiction of law enforcement, judicial, and corrections systems in the United States; their history and philosophy; and career opportunities and requirements. Fall, spring semester.

CRJU 3003. Cultural Diversity. An examination of the nature of minority group relations, including sexual orientation, age, gender, religious, ethnic, and racial-based experiences. Issues such as discrimination and dominant-minority group interaction are considered from a historical as well as contemporary perspective. Same as SOC 3003 and SWK 3003. Fall, spring semester.

CRJU 3013. Police Administration. Prerequisite: CRJU 2003. The application of principles of administration and management to the field of law enforcement. Fall semester.

CRJU 3023. Criminal Evidence and Procedures. Prerequisite: CRJU 2003. A study of the legal and scientific principles involved in the acquisition, preservation, analysis, and presentation of physical evidence. Spring semester.

CRJU 3033. Criminal Investigations. A study of the fundamentals of criminal investigations: investigative techniques, crime scene concerns, case preparation, and interviewing. Spring semester.

CRJU 3043. Criminal Law. Prerequisite: CRJU 2003. An examination of the administration of criminal law in the investigation, prosecution, adjudication, and sentencing of criminals. Fall semester.

CRJU 3053. Juvenile Justice. An examination of the juvenile justice system and the provisions of Arkansas and federal law pertaining to juveniles. Fall semester.

CRJU 3063. Substance Abuse. A study of frequently abused substances. Examination of the physical, psychological, and social causes of substance abuse. Common abuse patterns and investigative techniques used in the enforcement of drug laws will be examined. As needed.

CRJU 3073. Corrections. Prerequisite: CRJU 2003. A study of the historical and contemporary views of offender management and treatment. Fall semester.

CRJU 3083. Community Based Corrections. Designed to educate and to prepare students for possible employment in probation and parole. There is an emphasis placed on the duties of probation and parole officers. Spring semester, even years.

CRJU 3093. Special Topics. A study of courses of selected criminal justice subjects that do not meet the advanced topics criteria. Fall, spring semester.

CRJU 3113. Juvenile Law. Examine the evolution of the juvenile justice system as well as current practice and procedures in juvenile and family courts. Course will focus on law, jurisdiction, constitution requirements and course rules. Spring semester.

CRJU 3123. Juvenile Rehabilitation and Corrections. This course will teach students how to understand the issues related to juvenile problems while focusing on juvenile protection, rehabilitation, incarceration, and dealing with special need offenders. An overview of the design and legal requirements of juvenile correctional institutions will be emphasized. Spring semester.

CRJU 3133. Fraud Examination and Prevention. Prerequisite: Junior status for accounting and criminal justice majors. The course provides an introduction to the principles of Fraud Examination and Prevention, including the fraud classification system, the nature of fraud, and understanding how to prevent and detect fraud in business entities. Cross-referenced with ACCT 3133. Fall semester.

CRJU 3143. Courts. Provides students a working knowledge of the American court system from the criminal event to disposition. Spring semester, even years.

CRJU 3153. Research Methods. Prerequisite: CRJU 3183. A study of statistical methods, basic experimental procedures and designs, laboratory apparatus, and the treatment of experimental data. Same as PSYC 3153, SOC 3153, and SWK 3153. Fall semester.

CRJU 3183. Statistics. Prerequisite: MATH 1003 or MATH 1023. Descriptive and elementary analytical statistics, their concepts, and their application. Same as PSYC 3183, SOC 3183, and SWK 3183. Fall, spring, summer.

CRJU 4003. Domestic Violence. An examination of the causes, effects, and legal aspects of domestic violence. Intervention techniques and prevention programs will also be studied. Fall semester, odd years.

CRJU 4013. Legal and Ethical Issues in Juvenile Justice. An overview of legal issues and court decisions related to juvenile justice. This course will include an analysis of various issues and surrounding juvenile justice contexts and practices. Fall semester.

CRJU 4033. Critical Issues. Exploration of current and emerging critical issues confronting personnel in the criminal justice system, including civil and criminal liability, elements and types of officer misconduct, women in law enforcement, terrorism, identity theft, and other issues as they appear relevant. Fall semester.

CRJU 4043. Gang Behavior. Provides students with a general overview of gangs in the United States. Fall semester, odd years.

CRJU 4053. Criminology. A study of the nature, causes, and extent of crime, the prevention and treatment of crime, and the processes of criminal justice. Same as SOC 4053. Spring semester.

CRJU 4063. Field Practicum. Designed to give students first-hand exposure to the criminal justice system. Students will gain a greater understanding of the criminal justice system and of the values and ethics required of professionals in the field. Fall, spring semester.

CRJU 4073. American Constitutional Law. A survey, using the case method, of principles, practices, and basic features of American constitutional law with emphasis on judicial review and the role of the Supreme Court, federalism, national powers, and individual rights. Same as PSCI 4073. Alternate fall semester.

CRJU 4093, 4193. Advanced Topics in Criminal Justice. The study of advanced topics in criminal justice as chosen by the faculty. Fall, spring semester.

CRJU 4103. Criminal Justice Internship. Senior standing and consent of department chair and instructor, this course provides a structured field placement in a criminal justice agency. Students will be placed as interns with a public agency that they were assigned in the field practicum course (CRJU 4063). Student will be required to complete assignments integrating scholarship with practical experience. Course may not be used to satisfy the 6 hours of criminal justice electives. Fall, spring semester.

CRJU 4113. Study of Terrorism. A broad study of terrorism to include history, motives, support of, defense against and evolution of terrorism. Fall semester, even years.

CRJU 4123. Criminal Profiling. Introduces students to the characteristics of serious criminals and to the proper investigation procedures to solve their crimes. Fall semester, even years.

Computer Science (CSCI)

CSCI 1052. Computer Concepts and Applications for Allied Health. This course is designed to introduce the allied health student to computer concepts and applications used in the medical field and focuses on uses of technology in patient diagnosis and treatment, the use of technology for communication, the current status of medical technology, and future trends. As needed.

CSCI 1062. Medical Records. Introduction to the types of tasks that are completed in a medical office: record management, correspondence, appointments, business checking, purchase orders, patient billing, and insurance claims. Emphasis will be placed on "hands-on" computer applications in health care. As needed.

CSCI 1101. Introduction to Computing Laboratory. Applications course to accompany CSCI 1102. Provides the student with knowledge and experience in the use of software packages and the BASIC programming language. Fall, spring, summer.

CSCI 1102. Introduction to Computing. An introduction to the basic concepts and vocabulary related to computer systems, with the objective of increasing the student's awareness and knowledge of computers, software packages, and BASIC programming. Must be taken concurrently with CSCI 1101. Fall, spring, summer.

CSCI 2103. Computer Science I. Prerequisites: MIS 1003 or CSCI 1101/1102 or equivalent and MATH 1023. The fundamental concepts of programming and program structure are presented. Fall, spring semester.

CSCI 2113. Computer Science II. Prerequisite: CSCI 2103. A continuation of CSCI 2103. Introduction to basic concepts of data structures and algorithm design. Fall, spring semester.

CSCI 3063. High Level Language. Prerequisite: CSCI 2103 recommended or permission of the instructor. An introduction to a high level programming language such as JAVA, Fortran, Lisp, Ada, Pascal, C/C++, Prolog and others. Top-down design and structured programming will be emphasized. Fall semester.

CSCI 3103. Data Structures and Algorithms. Prerequisite: CSCI 2113. A study of the structures used to organize data and the algorithms for manipulating these structures. Spring semester.

CSCI 3133 Advanced UNIX/LINUX: Course description - Prerequisite: CSCI 2103 or equivalents: This course is intended to teach fundamentals of the UNIX-style operating systems (e.g., BSD, GNU/Linux) to students with a basic understanding of computer logic. It will cover the concepts and tools needed to work effectively in these environments, using both the command line and the X Windows Systems interfaces. This course will be taught using GNU/Linux. Alternate fall semester.

CSCI 3203. Assembler and Machine Organization. Prerequisite: CSCI 2103. An introduction to low-level concepts of data representation and processing, including basic assembly language programming skills. Spring semester.

CSCI 3403. Artificial Intelligence. Prerequisite: CSCI 2113. Programming techniques in artificial intelligence, including an introduction to the LISP language. As needed.

CSCI 3503. Computational Methods for Industrial Technologists. Prerequisite: MIS 1003 or CSCI 1101/1102. Introduces the student to a problem-oriented computer language that is used to solve relevant problems that occur in industry. Fall semester.

CSCI 3703 Computer Architecture. Prerequisite: CSCI 3203. A general introduction to computer organization and architecture. Topics include digital circuits, finite state machines, processor design, ALU design and algorithms, memory hierarchy, and types of machine architecture. Fall semester.

CSCI 3901-3. Special Topics in Computer Science. Prerequisite: Permission of instructor. Selected topics not available in other departmental courses including systems programming, neural networks, genetic algorithms, distributed systems, etc. As needed.

CSCI 4123. Computer Aided Manufacturing. A course designed to develop an understanding of free-standing automation and the application of computers to manufacturing equipment and processes. As needed.

CSCI 4133. Operating Systems. Prerequisite: CSCI 3103. A study of the various issues in the design of modern operating systems, including process management and scheduling, real and virtual memory management, file system, and communication. Spring semester.

CSCI 4143. Programming Languages and Compilers. Prerequisites: CSCI 3063 and CSCI 3103. A comparative study of programming languages. Characteristics of languages and their formal description. The theory of languages and the internal design of compilers is introduced. Fall semester, even years.

CSCI 4153. Software Engineering. Prerequisite: CSCI 3103. An introduction to software engineering practice. An object oriented language will be used. Project management and project teams will be considered. Fall semester, odd years.

CSCI 4163. Computer Graphics. Prerequisite: CSCI 3103. An introduction to generating computer graphic displays. Includes both two and three dimensional graphics, graphics packages, and the impact of differing media and their resolutions and aspect ratios. The course is language independent. Fall semester.

CSCI 4173. Computerized Simulations. Prerequisite: CSCI 3103. The process for the digital computer simulation of systems will be covered. Systems from a broad range of application areas will be considered. Response times, graphic displays, open versus closed systems, model types, algorithm design, and data structure design will be explored. The course is language independent. As needed.

CSCI 4413. Web Programming. Prerequisite: CSCI 2113. This course will cover languages that are used in website development. It includes HTML language, JavaScript, Server side programming such as CGI, PERL, VBScripts and PHP will be covered as well. Fall semester.

CSCI 4643. Computer Science Internship. Prerequisite: Departmental approval. A structured field experience designed to provide a representative and worthwhile learning experience for the participating student. Requires advanced planning and prior approval. Spring semester.

Early Childhood Education (ECE)

ECE 2003. Child Growth and Development. Examines human growth and development from prenatal period through age eight. The course will emphasize physical, cognitive, language, social, and emotional development. Fall, spring semester.

ECE 3003. History, Philosophy, and Curriculum. This course is designed to provide an introduction to the field of Early Childhood Education, which includes children from birth to age 9. This course will cover topics that include the history of early childhood education, the types of programs available, positive environments for young children, theories of learning, issues of diversity, and the concept of developmentally appropriate practices for young children. Designed to help candidates who are dedicated to making the lives and learning experiences of young children strong and solid, gain the knowledge, skills and dispositions to become educators, team players, collaborative planners and leaders in the 21st century. Fall semester.

ECE 3013. Learning Theory. This course is designed to provide the early childhood teacher candidate with knowledge about learning theories that impact teaching children between birth and fourth grade. Teacher candidates will demonstrate their attainment of the concepts underlining the theories through classroom participation, reflection journal entries, tests and an integrated unit of study. The course is taken in conjunction with Block II-Field Experience II. Spring semester.

ECE 3043. Emergent Literacy. Designed to heighten the awareness of the multiple factors involved in the process of becoming literate and promoting the development of a literate environment that fosters interest and growth in all aspects of literacy. Research and theory relevant to emergent literacy and the kinds of experiences that support literacy are examined. (Block II). Spring semester.

ECE 3053. Organizing for Teaching and Learning. Designed to focus on teaching appropriate social skills, motivating students, and generic classroom management principles in an inclusive P-4 classroom. An additional focus will involve preventing discipline problems, functional behavioral observation, and confronting and solving discipline problems of all children. Spring semester.

ECE 3083. Early Childhood Field Experience I. This course includes observation of human growth and development from prenatal period through age five. Emphasis is placed on observation of physical, cognitive, language, and social and emotional development. (Block I). Fall semester.

ECE 3093. Teaching Reading. This course presents skills, techniques, and practice in the teaching of reading as well as methods of diagnosis and correction of reading problems and miscue analysis. A social-psycholinguistic and constructivist theoretical approach will be emphasized. (Block II). Spring semester.

ECE 3103. Children's Literature and Social Studies. This course is designed to investigate a wide range of children's literature using the social studies content areas of geography, history, economics, and social relationships as a structural frame. Teacher candidates will practice reading, telling, dramatizing, analyzing and critiquing children's literature for integration into content area teaching, particularly Social Studies. Fall semester.

ECE 3113. Integrated Curriculum and Methods. Designed to introduce students to the theory and application of integrated curriculum in early childhood settings. It will focus on preschool and early childhood curriculum areas including music, creative movement, dance, drama, art, early childhood developmental, and academic curriculums. Candidates will explore child development and its implications for designing, implementing, and evaluating curriculum and instruction in early childhood classrooms. Fall semester.

ECE 4000L. Science for the Early Childhood Teacher Laboratory. To accompany ECE 4033. (Block III). Fall semester.

ECE 4002. Early Childhood Field Experience II. This course is designed to provide extended field-based experiences for the courses taken during Block II. Candidates will

spend 16 hours in kindergarten and first grade classrooms observing classroom behavior, teaching lessons in emergent literacy, reading, etc. Fall semester.

ECE 4003. Early Childhood Field Experience III. An applied course consisting of 20 hours of observation/teaching experience in a public school classroom, grades three through four. Approximately 15 hours of individual, small group, or large group instruction are required (Block III). Fall semester.

ECE 4006. Student Teaching I. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades K-4. Student teaching semester will total 15 hours, including enrollment in EDUC 4003 Student Teaching Seminar. (Block IV). Fall, spring semester.

ECE 4016. Student Teaching II. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades K-4. Student teaching semester will total 15 hours, including enrollment in EDUC 4003 Student Teaching Seminar. Fall, spring semester.

ECE 4033. Science for the Early Childhood Teacher. Designed to give the early childhood teacher an awareness of the inter-relationship of various sciences and the essential basic knowledge of new science innovations taught at birth to fourth grade levels. Selection and organization of learning activities and materials for the teaching of science will also be emphasized. (Block III). Fall semester.

ECE 4043. Language Arts in Early Childhood. The course examines the many complex issues that teachers are responsible for in teaching Language Arts to young children. Teacher candidates consider their role as a facilitator of young student's reading, writing, speaking, and listening development. Students apply principles of learning to teaching by developing lesson plans, integrated curriculum units and multimedia teaching tools. Students in this course are encouraged to think critically and reflectively about the process of educating as a professional member of collaborative teams. Fall semester.

ECE 4053. Families, School and Communities. Designed to provide the early childhood teacher with knowledge, skills, and dispositions of building partnerships between teachers, parents, caregivers, and service agencies. The course emphasizes various formulations of collaborative consultation including team-building, problem solving, and conflict resolution. An additional focus of the course is establishing positive relationships with families and professionals concerned with all children, including special needs children and children from diverse backgrounds. Fall semester.

ECE 4113. Early Childhood Assessment. Study of fundamental observation, assessment, and evaluation methods, concepts, and tools. Emphasis on both qualitative and quantitative methods of measuring and reporting student progress and learning. Designed to give the beginning teacher a background in the responsible collection and interpretation of data with the goal of making informed data-driven decisions that lead to improved teaching and learning. Methods of developing assessment partnerships with other professionals, families, and community members are stressed. Spring semester.

Elementary Education (E ED)

E ED 3112. Observation-Participation in Elementary Kinesiology Programs.

Corequisite: HKR 3703. Assisting the classroom teacher in the operation of the teaching-learning process. As needed.

E ED 3703. Methods and Materials in Kinesiology for Elementary Schools.

Prerequisites: Junior standing, acceptance into the Professional Teacher Education program, and satisfactory proficiency in the HKR 1113, and 1123 sequence for HKR majors or completion of four hours of PHED 1001-1491 for elementary education majors and consent of instructor. Opportunity for prospective teachers of kinesiology to develop teaching competence. Study, observation, discussion of what comprises a well-rounded elementary school kinesiology program. Techniques of directing group activities, developing units of instruction, lesson planning, class organization and management, learning teaching techniques, evaluating pupil progress, acquiring insight into the meaning of behavior, and skill in handling problem situations. HKR 3073 – cross referenced course for non-teacher education majors. Fall semester.

E ED 4006. Student Teaching in the Elementary School I.

Prerequisites: Senior standing and consent of College of Education dean. See also student teaching requirements. Students may be assigned to any one of the elementary grades. Students will enroll in the Student Teaching Block of 15 hours to include EDUC 4003. Offered – see advisor.

E ED 4103. Student Teaching in the Elementary School II.

Prerequisites: Senior standing and consent of College of Education dean. See also student teaching requirements. Students may be assigned to any one of the elementary grades. Students will enroll in the Student Teaching Block of 15 hours to include EDUC 4003. Offered – see advisor.

E ED 4153. Early Childhood Curriculum.

Prerequisites: E ED 3003, E ED 4053, and E ED 4063. The development of programs of instruction based on the principles of child growth and development, learning theory, and community needs. Curricula will be studied, analyzed, and developed in terms of local needs. As needed.

E ED 4163. Practicum Early Childhood Education II.

Corequisite: E ED 4153. A practicum in the kindergarten designed to provide for the study of the child as a participant in the social or group process. Teaching strategies will be planned to provide group instruction. Evaluation will be made in terms of the growth of individual children in the group process. Offered - see advisor.

Economics (ECON)

ECON 1003. The American Enterprise System.

An introductory course providing an overview of the American Free Enterprise System. Introduces the various functional areas of business and the interaction between these areas. Fall, spring, summer.

ECON 2103. Principles of Microeconomics.

An introduction to microeconomic analysis which concentrates on consumer choice, firm production and pricing in different market structures, resource demand, the public sector, and externalities. Fall, spring, summer.

ECON 2203. Principles of Macroeconomics. Prerequisite: ECON 2103. An introduction to fundamentals of macroeconomic analysis with emphasis on country-level production possibilities, economic indicators and measurement, and aggregate effects of fiscal and monetary policies. Fall, spring, summer.

ECON 3093. Managerial Economics. Prerequisites: ECON 2103 and ECON 2203. The course develops those elements of microeconomic theory that deal with the business firm and illustrates the usefulness and application of economic analysis in managerial decisions. Spring semester.

ECON 3983. Business Internship in Economics. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to economics. Each internship is designed to provide a representative and meaningful learning experience for the participating student. As needed.

ECON 4001-3. Special Topics in Economics. A study of a particular topic or topics in the discipline of economics as selected by the instructor. As needed.

ECON 4023. Free Enterprise Studies and Projects. Prerequisite: Consent of instructor. A classroom and field experience designed to develop and promote an understanding of the principles of free enterprise and their application in a modern economy. Spring semester.

Education (EDUC)

EDUC 0104. College Reading. Development of reading skills through perception training, vocabulary building, comprehension training, rate building, and active listening skills. Individual diagnosis and prescription emphasized. Fall, spring semester.

EDUC 1503. Advanced College Reading. Prerequisite: EDUC 0104 or ACT reading score of 19 or higher. Development of reading skills through perception training, vocabulary building, comprehension training, rate building, and active listening skills. Individual diagnosis and prescription emphasized. Fall, spring semester.

EDUC 2000. Educational Field Experience, Level I Lab. A supervised field experience to include 16 hours of observation. Students are scheduled to observe as many grade levels as possible (K-12) in as many different subject areas as possible in the public schools to which they are assigned. A journal is developed for the experience which is a significant part of the student's grade for EDUC 2003 Introduction to Education. Fall, spring semester.

EDUC 2001. Introduction to Human Relations in College Student Personnel. Prerequisite: Service as resident assistant or hall director or permission of the associate dean of students. Principles involved in understanding and working with individuals and student groups in residence halls, social forces affecting college students, and the relationship of human relations within the total university. Elective credit. Fall, spring semester.

EDUC 2003. Introduction to Education and Field Experience, Level I. A survey course designed to help students evaluate the teaching profession as a career choice. Topics include motives for teaching, teacher effectiveness, and current trends in education, the job market, global forces affecting education, the history and philosophy

of education, ethics and legal issues, curriculum, social and political forces, governance and finance. The importance of the research based underlying teaching is central to course work. Emphasis is placed upon Arkansas requirements for teacher licensure and teacher candidate responsibilities for fulfilling those requirements in a timely manner. A grade of *C* or higher is required of the student in this course for admission to the Professional Education Program. EDUC 2000 must be taken in conjunction with enrollment in EDUC 2003. Fall, spring semester.

EDUC 2013. Facilitation Skills for Educators. Designed to facilitate sensitivity to the emotional needs of students. Communication skills are developed for establishing professional relationships with students, parents, and colleagues. Focuses on the role of teacher as facilitator of mental health, group dynamics, conflict resolution, and crisis intervention. As needed.

EDUC 2023. K-12 Education Technology. This course provides the student practical applications of educational/instructional technology. Students learn to apply technological tools to the classroom as production tools, teaching tools and as cognitive tools. Students create technology-enhanced lessons integrating their skills with software applications with their knowledge of using computers in the classroom. Content is based on the International Society for Technology in Education (ISTE) Standards. Student experiences include learning to present content using Microsoft PowerPoint and FrontPage. In addition, the students are exposed to information related to technical terminology, Adaptive Assistive Devices, Distance Learning including Compressed Interactive Video (CIV) and online courses, and Course Management Systems (CMS). Fall, spring semester.

EDUC 3003. Psychology of Motor Learning and Development. Prerequisites: PSYC 2003, PSYC 3013 or PSYC 3123, or consent of department chair. A study of psychological principles and personality traits that influence such variables as emotion, attitude, motivation, and other aspects related to motor learning in individuals. Same as ESCI 3003. As needed.

EDUC 3013. Education Psychology. Prerequisite: Junior standing required. A survey course designed to meet the needs of prospective teachers by bringing an application of psychological principles of learning to the instructional setting. Fall, spring semester.

EDUC 3022. Praxis II Review. The purpose of this course is to provide a forum for teacher candidates to review major concepts, skills, and dispositions central to teaching and learning. It is designed to assist the candidates as they become more efficient, effective and successful learners while offering them guided experiences that will develop and/or refine self-directed learning skills, knowledge and dispositions. As needed.

EDUC 3713. Methods and Materials in Foreign Language P-12: Special materials, software, and techniques for the teaching of foreign languages in primary, middle, and secondary schools. Secondary majors must concurrently enroll in SED 4023. Middle school and early childhood majors should concurrently enroll in an appropriate field experience, as approved by their advisor. As needed.

EDUC 4003. Student Teaching Seminar. A seminar course to accompany elementary and secondary student teaching. The course includes the Program for Effective Teaching cycle, classroom management, and other professional topics. Student Teaching Block. Fall, spring semester.

EDUC 4043. Assessment, Evaluation and Measurement. Prerequisite: S ED 3003 or E ED 3003. An introduction to tests and measurements as applied to education. Emphasis is placed on constructing tests and the selection of various standardized tests. Spring semester.

EDUC 4273. Classroom and Group Management. Introduction to basic principles of behavior modification and contingency management. Procedures of conditioning, reinforcement, token economy, and self-control as applied to individuals and groups in a variety of settings with emphasis on discussion of research, application, and ethics. Same as SPED 4273. Fall, spring semester.

EDUC 4901-3 to 4991-3. Education Workshops. Current topics in education. Course descriptions to be completed and filed as workshops are developed and offered. Fall, spring semester.

English (ENGL)

Note: Beginning with the first semester of their freshman year, students are required, each semester, to be enrolled in Fundamentals of Writing or a 1000-level English course until they have successfully completed ENGL 1123.

ENGL 0204. Fundamentals of Writing. An intensive study of the fundamentals of written English, attending to grammar, punctuation, spelling, vocabulary, and paragraph and elementary theme development. Fall, spring semester. Summer as needed.

ENGL 0303. English Oral/Aural Communications Skills. Prerequisite: TOEFL 450-500 or equivalent. Designed for non-native English speaking students (ESL) who need to improve their speaking and listening skills to ensure accuracy and confidence in communications for academic success. As needed.

ENGL 0503. English Literacy Skills. Prerequisite: TOEFL 450-500 or equivalent. Designed for non-native English speaking students (ESL) who need to improve their English at an institution of higher education. As needed.

ENGL 1113. Composition I. Prerequisite: Minimum ACT score in English of 19, completion of ENGL 0204 with a C or higher, or approval of the chair of the Department of English and Foreign Language. An introduction to college-level writing with extensive practice in the writing process and basic rhetorical types as well as a review of standard editing conventions. This course also includes the building of vocabulary and the development of reading skills. Fall, spring, summer.

ENGL 1123. Composition II. Prerequisite: ENGL 1113 with a grade of C or better. Designed to confirm and extend students' ability to write educated English prose. This course seeks to enable the students, through extensive writing practice, to develop their skills in each of several rhetorical and critical types. While emphasizing writing, the course also requires continued vocabulary development and analytical reading in

literature of various types. The course also introduces students to the conventions of documentation and manuscript form. Fall, spring, summer.

ENGL 2213. World Literature I. Prerequisite: ENGL 1123. World masterpieces through the Renaissance. Fall, spring, summer.

ENGL 2223. World Literature II. Prerequisite: ENGL 1123. World masterpieces from the Renaissance to the modern period. Fall, spring, summer.

ENGL 2243. Theory and Practice of Writing Consultation. Prerequisites: Sophomore status or above, grade of *B* or better in both ENGL 1113 and ENGL 1123. This course runs in conjunction with and is a required component of an appointment as a consultant in the Writing Center. Students will learn the theories behind and the practices of writing centers, as well as the pedagogical and interpersonal skills necessary for working with student writers on a one-to-one level. They will write about their readings and their experiences as consultants, learn how to assess the writing skill and needs of writers in a variety of situations, and explore their own understanding of the writing process. Students will also discuss ways of accommodating diverse learning styles and needs, including those of the disabled and of ESL learners. Fall semester.

ENGL 3003. Advanced Professional Writing. Prerequisite: ENGL 2213, ENGL 2223. Some experience or course work in typing and/or word processing equipment (MIS 1003 or CSCI 1101/1102) recommended. The course concentrates on writing professional documents such as reports, proposals, and brochures. It emphasizes audience awareness, professional style, and control of standard written English. It includes work in documentation, graphics, and word processing techniques. Spring semester, even years.

ENGL 3043. Comparative English Grammar. Prerequisites: ENGL 2213, ENGL 2223 and junior standing. The traditional, structural, and transformational systems of grammar. Fall semester, odd years.

ENGL 3103. Advanced Composition. Prerequisites: ENGL 2213, ENGL 2223 or PHIL 2403 and junior standing. Extensive practice in writing expository prose. Fall semester, even years.

ENGL 3113. Topics in English Studies. Prerequisite: ENGL 2213, ENGL 2223. Various topics in English studies, not covered in other courses in the curriculum. May not be repeated for credit. As needed.

ENGL 3213. Topics in World Literature. Prerequisite: ENGL 2213, ENGL 2223. Various topics in World Literature not covered in other courses in the curriculum. May not be repeated for credit. As needed.

ENGL 3223. East Asian Literature in Translation. Prerequisite: ENGL 2213, ENGL 2223. A survey of literary representative of East Asian Culture from the classical to contemporary. Readings include poetic, fictional, and non-fictional prose texts in English language translations. As needed.

ENGL 3483. Modern World Literature. Prerequisite: ENGL 2213, ENGL 2223. A survey of modern world literature from 1945 to the present, concentrating on non-western literature. Fall semester, odd years.

ENGL 3583. Shakespeare. Prerequisite: ENGL 2213, ENGL 2223. An intensive study of the plays from the Shakespeare canon. Fall semester, even years.

ENGL 3623. American Literature I. Prerequisite: ENGL 2213, ENGL 2223. American poetry and prose from the colonization of America to 1855. Fall semester, even years.

ENGL 3633. American Literature II. Prerequisite: ENGL 2213, ENGL 2223. American poetry and prose from the seminal publication of Walt Whitman's *Leaves of Grass* to the present, concentrating on the development of the distinctive American character in all of the major genres. Spring semester, odd years.

ENGL 3643. Literary Theory. Prerequisite: ENGL 2213, ENGL 2223. An introduction to literary theory providing students with an understanding of the basic approaches by which literature is critically discussed. Fall semester, odd years.

ENGL 3653. Introduction to English Language Studies. Prerequisite: ENGL 2213, ENGL 2223. With a primary focus on English, a study of the basic concepts of language, the principles of linguistic investigation, the methods of linguistic analysis, the nature of linguistic change, the history of English, and the acquisition of language. Fall semester, even years.

ENGL 3663. Special Topics in Early British Literature (to 1660). Prerequisite: ENGL 2213, ENGL 2223. Various topics in British literature prior to 1660 not covered in survey courses. May not be repeated for credit. As needed.

ENGL 3673. Special Topics in Later British Literature (since 1660). Prerequisite: ENGL 2213, ENGL 2223. Various topics in British literature since 1660 not covered in British literature survey courses. May not be repeated for credit. As needed.

ENGL 3683. Young Adult Literature. Prerequisite: ENGL 2213, ENGL 2223. The course is required for English education students. Literature for and about the young adult; critical study and evaluation of the genre; examination of modes and themes found in the literature; selection of literature for use in school programs. Multicultural young adult literature will be included, as well as methods, media, and materials for encouraging student reading. Spring semester, odd years.

ENGL 3783. American Literature: Topics I. Prerequisite: ENGL 2213, ENGL 2223. Various topics in American literature not covered in survey courses. May not be repeated for credit. As needed.

ENGL 4013. Second Language Acquisition. Prerequisite: ENGL 3653, FREN 3973, or SPAN 3973. Students will examine current theories in this rapidly changing field with the goal of reaching an understanding of the linguistic, psychological, and cultural factors that influence the language acquisition process. Students will first consider the

principles of first-language acquisition and how first-language acquisition differs from acquisition of other languages later in life. As needed.

ENGL 4023. Second Language Assessment. Course Description: Students will develop a theoretical and practical foundation in learner-centered and performance-based approaches to assessment. Students will examine a variety of assessment models and be provided with practical experience in developing reading, writing, speaking, and listening assessments. As needed.

ENGL 4033. TESOL Methods and Materials. Prerequisite: ENGL 3043, FREN 3993, or SPAN 3993. Students will focus on the theoretical and practical aspects of teaching English as a Second Language. Students will have an opportunity to learn current teaching approaches in ESL, the dimensions of language proficiency, the connections between language and culture, learning strategies, and the pedagogy of teaching oral and written skills. Students will also develop ways to facilitate language learning by considering language learning contexts and language learner differences, by designing appropriate language tasks, and by evaluating teaching materials and texts. As needed.

ENGL 4503. Creative Writing-Poetry Emphasis. This upper-division workshop focuses on the study and practice of poetry but will also incorporate practice in other creative writing, particularly creative non-fiction. Course time will include readings and discussion of form and theory, but the course will emphasize the production of original works. As needed.

ENGL 4513. Creative Writing-Fiction Emphasis. This upper-division workshop focuses on the study and practice of short fiction but will also incorporate practice in other creative writing, particularly drama. Course time will include readings and discussion of form and theory, but the course will emphasize the production of original works. As needed.

ENGL 4613. African American Literature. An overview of the African American literary tradition. A necessarily interdisciplinary approach employs a range of secondary sources, including African American literary theory, to locate the literature within its historical and cultural contexts. Topics include genres such as slave narratives, fiction, poetry, and/or drama, as well as the critical debates from each stage of the tradition's development. As needed.

ENGL 4623. British Literature I. Prerequisite: ENGL 2213, ENGL 2223. An intensive survey of British literature and literary history from the beginnings to the Neoclassical Period. Fall semester, odd years.

ENGL 4633. British Literature II. Prerequisite: ENGL 2213, ENGL 2223. An intensive survey of British literature and literary history from the Romantic period to the present. Spring semester, even years.

ENGL 4683. Introduction to Francophone Literature. Cross referenced with FREN 4683. A survey of major literary works from the French speaking world, including France, Quebec, the Caribbean, Maghreb (Morocco, Tunisia, Algeria), Sub-Saharan Africa, and Mashrek (Lebanon, Iran). Lectures and discussions will be in English.

Students taking ENGL 4683 will write papers and journals in English and read works in English translation. Students taking FREN 4683 will write papers and journals in French and read works in French. Students may not receive credit for both ENGL 4683 and FREN 4683. As needed.

ENGL 4693. Restoration in Eighteenth Century British Literature. Prerequisite: ENGL 2213, ENGL 2223. Major British writers from 1660-1778. As needed.

ENGL 4701. Senior Project. A graduation experience for all students majoring in English is a capstone experience during the senior year. Students receiving a B.A. in English (Teaching Certification) will complete an action research project. Credit/No Credit. As needed.

ENGL 4783. American Literature: Topics II. Prerequisite: ENGL 2213, ENGL 2223. Various topics in American literature not covered in survey courses. May not be repeated for credit. As needed.

Engineering (ENGR)

ENGR 1011. Engineering Methods. Introduction to engineering design and optimization. Relationship of applied technology, job functions, and personnel organization. Spring semester.

ENGR 1022. Engineering Materials and Forming Processes. A study of material properties (electrical, thermal, mechanical, corrosion) as related to product design and forming processes (cutting, casting, molding, grinding, forging, extruding, stamping, and laminating). Fall semester.

ENGR 1212. Graphics. Instructions in the use of instruments, lettering, geometric construction, orthographic projections, including auxiliary views, detail drawing, and blueprinting. Both manual and computer-aided drafting are utilized. Laboratory six hours. Fall semester.

ENGR 2001. Industrial Instrumentation Lab. To accompany ENGR 2003. Laboratory three hours. Alternate spring semester.

ENGR 2003. Industrial Instrumentation. Prerequisite: One semester of college physics or instructor's permission. A study of the operational theory and application of selected instruments which indicate, record, or control variables such as temperature, pressure, humidity, fluid flow, viscosity, force, voltage, or current. Analog and digital control systems are utilized. Lecture two hours. Alternate spring semester.

ENGR 2011. Surveying Lab. To accompany ENGR 2012. Laboratory three hours. Same as AGEN 1011. As needed.

ENGR 2012. Elementary Surveying. Corequisite: MATH 1033. Fundamentals of tape, level, transit, and traverse calculations. Practice in using each of these. Lecture two hours. Same as AGEN 1012. As needed.

ENGR 2023. Fundamentals of Manufacturing Processes. Introduction to the basic processes, equipment, and materials used in industry. Includes plastic, metal removal, casting, metal forming, and materials. Spring semester.

ENGR 2033. Electrical Circuits I. Corequisite: MATH 1525. The fundamental laws of circuit theory applied to resistive networks, network topology, mesh currents, node voltages, network theorems, and one-terminal and two-terminal pair resistive networks. Time response functions of R-L, R-C, and R-L-C circuits. Same as PHYS 2033. Spring semester.

ENGR 2131. Electrical Circuits II Lab. To be taken concurrently with ENGR 2133. Laboratory three hours. Fall semester.

ENGR 2133. Electrical Circuits II. Prerequisite: MATH 1545. Complex numbers and applications. Steady-state operation of networks containing linear elements excited by sinusoidal sources; the phasor concept and its application to such networks; complex impedance and admittance; network theorems and principles; mutual inductance and resonance phenomena; single-phase and polyphase networks; complex power, harmonic analysis. Lecture three hours. Fall semester.

ENGR 2143. Statics. Prerequisites: PHYS 2101/2103 or 2201/2203 and MATH 1525. Equilibrium and resultants of force systems in a plane and in space, analysis of machines and structures, friction, centroids, and moments of inertia. Analytical methods utilizing vector algebra are emphasized. Fall semester.

ENGR 3003. Fluid Mechanics. Prerequisite or co-requisites: MATH 1545 Calculus II and PHYS 2203 University Physics I. The study of the kinematics and dynamics of fluids, mass and energy balances, forced and natural flow, and Bernoulli Equation. Fall semester, even years.

ENGR 3013. Thermodynamics. Prerequisite or co-requisites: MATH 1545 Calculus II or PHYS 2203 University Physics II. The first and second laws of Thermodynamics applied to open and closed systems with a single component. Properties of pure substances, ideal gases, and incompressible substances are examined. Spring semester, odd years.

ENGR 3023. Heat Transfer. Prerequisite or corequisite: ENGR 3013 Thermodynamics. Steady and transient heat conduction, forced convection, and heat exchangers. Fall semester, even years.

ENGR 3103. Digital Electronics. Prerequisite: PHYS 2211/2213. A study of the principles and techniques of modern digital systems. The course covers the basic concepts of mathematical bases, combinational logic networks, flip-flops, counters, registers, interfacing of various digital families, and interfacing of analog systems. Same as PHYS 3103. Alternate spring semester.

ENGR 4701-4, 4711-4. Work Experience Learning I, II. Credit allowed upon evaluation of student's presentation and portfolio as related to the upper-level college learning received as a result of work experience. As needed.

ENGR 4901-4. Applied Project. Selected applied projects. Requires the students to apply knowledge learned in various courses to the solution of industrial problems. As needed.

ENGR 4911-2, 4921-2. Independent Study in Engineering. Prerequisite: Consent of the department. Experimental, applied, or theoretical investigations in area of current engineering research with faculty guidance. Project plan must be presented to department chair for approval. Maximum credit toward graduation four hours. As needed.

ENGR 4931-3, 4941-3, 4951-3. Advanced Topics in Engineering. Courses devoted to special topics in engineering developing from recent trends and/or academic presentation. Maximum credit six hours. As needed.

Entomology (ENTO)

ENTO 3073. Entomology. A study of the principal orders of insects with consideration of life cycles, economic importance, and methods of control. Same as BIOL 3073. Lecture three hours. Fall semester.

ENTO 3071. Entomology Lab. To accompany ENTO 3073. Laboratory two hours. Same as BIOL 3071. Fall semester.

Exercise Science (ESCI)

ESCI 3003. Psychology of Motor Learning and Development. Prerequisites: PSYC 2003, PSYC 3013 or PSYC 3123, or consent of department chair. A study of psychological principles and personality traits that influence such variables as emotion, attitude, motivation, and other aspects related to motor learning in individuals. Same as EDUC 3003. Fall semester. Alternate summers.

ESCI 4013. Biomechanics. Prerequisite: HS 3233 or consent of department chair. Intended to serve as an introduction to biomechanics and focus on scientific principles involved in understanding and analyzing human motion. Spring semester. Summer as needed.

ESCI 4333. Instrumentation and Physiological Assessment. An in-depth study of graded exercise testing procedures and equipment instrumentation in the evaluation of functional work capacity. Testing modalities and assessment protocol specifically investigate cardio-respiratory endurance, body composition, muscular fitness, and anaerobic capacity. Spring semester. Summer as needed.

ESCI 4363. Exercise Prescription and Fitness Program. Prerequisite: HS 3233 or consent of department chair. Basic aspects of evaluation and application of exercise prescriptions as related to intensity, frequency, duration, and mode needed to develop positive attributes of health and various forms of fitness. Fall semester.

ESCI 4652, 4676, 4686. Exercise Science Practicum I, II, III. Prerequisites: Senior standing in exercise science and consent of practicum supervisor. A course devoted to providing opportunities for the student to gain experience in practical exercise science settings such as cardiac or pulmonary rehabilitation, physical therapy, strength and conditioning, health and wellness, etc. Fall, spring semester. Summer as needed.

Finance (FIN)

FIN 2003. Personal Finance. Students will study U.S. macro trends in personal finance as well as survey the management of personal and family finances, including budgeting, consumer buying, personal credit, savings and investment, home ownerships, insurance and retirement. Fall, spring, summer.

FIN 3003. Financial Management. Prerequisites: ACCT 2103. A basic survey of corporate financial management. Principles, tools, and problems in financing business operations. Emphasis on valuation techniques, capital budgeting, and capital markets. Fall, spring, summer.

FIN 3013. Insurance Principles and Planning. Emphasis on basic insurance for individuals, families, and small businesses. Specific topics will include the different types of coverage available and characteristics of each in the areas of life, disability, health, long-term care, home, auto and liability insurance. Spring semester.

FIN 3023. Financial Institutions and Markets. Prerequisite: ECON 2203. A study of financial institutions, financial markets, and the Federal Reserve System. Emphasis on regulation of financial markets, Fed operations, financial innovation, and international financial markets. Spring semester.

FIN 3053. Investments. Prerequisite: FIN 3003. Principles and theories of security evaluation and analysis for personal investment and professional portfolio formulation. Spring semester.

FIN 3073. Principles of Real Estate. The basic concepts of real estate ownership, management, and marketing. An inquiry into the legal requirements and instruments involved in real estate management. Same as AGEC 3073. Fall semester.

FIN 3983. Business Internship in Finance. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to the field of finance. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Fall, spring, summer.

FIN 4003. Advanced Financial Management. Prerequisite: FIN 3003. Advanced corporate financial analysis through utilization of financial theory, tools, problems, and cases. Fall semester.

FIN 4033. Real Estate Appraisal. An investigation of the principles and techniques of real estate appraisal for residential, commercial, agricultural, and industrial properties. Same as AGEC 4033. Spring semester.

FIN 4063. Retirement Planning and Employee Benefits. A survey of retirement plans and employee benefits. Emphasis on characteristics of different types of retirement plans. Fall semester.

FIN 4073. Estate Planning and Taxation. A study of estate planning techniques and taxation. Specific topics include wills, will substitutes, trusts, forms of property ownership, charitable transfers, and estate and gift taxation. Spring semester.

FIN 4103. Advanced Financial Planning. A comprehensive study of the various areas of financial planning with an emphasis on the integrated financial planning process. Spring semester.

FIN 4203. CFP Review. An in-depth study of specific topics included on the national Certified Financial Planner Examination. Summer.

FIN 4301-3. Special Topics in Finance. A study of a particular topic or topics in the discipline of finance as selected by the instructor. As needed.

Foreign Language (FL)

FL 4001. Study Abroad/Immersion Experience. Credit/no credit course. Completion of a structured study-abroad or intensive immersion experience. As needed.

FL 4100. Oral Proficiency Interview. Credit/No credit. Transcript notation to certify that the student has taken the oral proficiency interview. If the student's score is lower than Advanced/Low, the level required by ACTFL, additional experiences will be provided to increase oral proficiency. As needed.

FL 4701. Senior Project. A graduation requirement for all students pursuing a B.A. in foreign languages is the completing of a senior project as a capstone experience during the senior year. The subject of the project will be relevant to the student's language of emphasis and must be approved by a faculty committee. A faculty advisor will serve as the teacher of record, but the student's overall grade will be determined by the faculty committee. If a student is pursuing a double major or a dual-language option, a single project meets the degree requirements. As needed.

Forestry (FOR)

FOR 1001. Elements of Forestry Lab. Must be taken concurrently with FOR 1002 or instructor's permission. Laboratory two hours. Fall semester.

FOR 1002. Elements of Forestry. Corequisite or prerequisite: BIOL 2081/2083. General survey of the field of forestry. General knowledge and yield, products and utilization, and preservation. Lecture two hours. Fall semester.

French (FREN)

FREN 1014, 1024. Elementary French I, II. FREN 1024 has the prerequisite FREN 1014 or its equivalent. A course in beginning French designed to develop skills in aural comprehension, oral expression, reading, and writing. Includes thorough study of grammatical concepts. Introduction to the physical geography of France, its institutions, and culture. Classes meet four times per week. French 1014, fall semester; FREN 1024, spring semester.

FREN 2033, 2043. Intermediate French I, II. Prerequisite for 2033: FREN 1024 or placement exam. Prerequisite for FREN 2043: FREN 2033 or placement exam. Continues developing aural, oral, reading, and writing skills. Includes study of geography and culture of francophone countries, readings in modern literature, and discussion of current events as reported in French-language newspapers and magazines. FREN 2033, fall semester; FREN 2043, spring semester.

FREN 3103. French for Business. Prerequisite: FREN 2043 or consent of instructor. Introduction to the basic context of the French economy and business world, with

emphasis on development of practical French language skills to deal with matters such as commercial correspondence, documents, reports, telecommunications, and conferences. Attention to vocabulary and style specific to French business. Practice in translation on business-related topics. Taught online. As needed.

FREN 3163. French Conversation and Composition. Prerequisite: FREN 2043 or permission of the instructor. The use of idiomatic, oral, and written French is the objective of this course. Emphasis on fluency, vocabulary pertaining to everyday situations, conversational exercises, and oral and written compositions. Spring semester, even years.

FREN 3693. French Civilization. Prerequisite: FREN 2043 or its equivalent. A study of the social and historical development of modern French institutions and life with selected readings and lectures as background on earlier centuries including the artistic and literary contributions. Examines contemporary culture in business, politics, and the arts. Fall semester, even years.

FREN 3973. Introduction to French Linguistics. Prerequisite: FREN 2043 or its equivalent. A study of the components and mechanics of the French sentence, with theory and oral/written practice of the following elements of language: general sign theory, phonetics, morphology, syntax, and lexicology. Also includes language acquisition and the history of the French language. Fall semester, odd years.

FREN 3981-3. French Internship. Prerequisite: FREN 2043 or the equivalent. A structured and supervised field experience in the French language and culture designed to integrate classroom theory and/or academic learning in a job site or a practical setting as well as to develop functional and personal skills and strengthen future professional skills in order to gain a competitive edge in the job market. As needed.

FREN 3993. Advanced French Grammar. Prerequisite: FREN 2043 or its equivalent. An intensive course in the origin and development of the French language from the point of present-day usage. Highly recommended for students preparing for the teaching field. Spring semester, odd years.

FREN 4283, 4293. Survey of French Literature I, II. Prerequisite: FREN 2043 or its equivalent. A study of French literature from its origins to the present time, including readings from representative authors of each period; oral and written reports; lectures and discussion. FREN 4283, fall semester odd years; FREN 4293, spring semester even years.

FREN 4683. Introduction to Francophone Literature. Cross-referenced course with ENGL 4683. Prerequisite: FREN 2043 or its equivalent. As needed.

FREN 4903. Special Topics in French Studies. Prerequisite: FREN 2043 or consent of instructor. Readings and discussions of various topics in French or Francophone life, customs, society, or culture. A specific topic will be announced each time the course is offered. As needed.

General Business (GBUS)

GBUS 1013. Beginning Keyboarding. The touch system of keyboarding with emphasis on proper technique and a thorough mastery of the keyboard. Not open for credit to students who have previous credit in typewriting/keyboarding. As needed.

GBUS 1053. Advanced Keyboarding. Prerequisite: GBUS 1013 or previous training in keyboarding. Advanced exercises in preparation of manuscripts, accounting papers, and legal and government documents with emphasis on mailable copy. As needed.

GBUS 2003. Legal Environment of Business. An introduction to the structure of the American legal system to familiarize the student with the most influential factors that constitute the legal environment of business. Emphasis is placed on the judicial function, the court system, business ethics, contracts, sales, torts, securities regulation, antitrust laws, consumer and employee protection, and environmental and pollution controls. Fall, spring, summer.

GBUS 2013. Quantitative Analysis I. Prerequisite: MATH 1023. An introduction to applied statistics to include measures of central tendency, measures of dispersion, basic probability, probability distributions, and interval estimation. Fall, spring, summer.

GBUS 3183. Quantitative Analysis II. Prerequisite: GBUS 2013. An introduction to advanced statistical techniques and operations research models to include hypothesis testing, analysis of variance, chi-square analysis, regression analysis, multivariate analysis, time series, nonparametric procedures, and decision analysis. Fall, spring, summer.

Geography (GEOG)

GEOG 1003. Physical Geography. An introduction to the earth's physical environment, especially as it relates to the distribution of resources for human beings and their activities, including a study of processes occurring within the atmosphere, hydrosphere, and lithosphere and the landforms they produce. Same as GEOL 1003. As needed.

GEOG 2003. Introduction to Geography. This introductory course describes the nature of geographic study; illustrates world regional environmental and cultural conditions; introduces basic map reading; and examines the basic concepts of the discipline. Fall, spring, summer.

GEOG 3013. Geography of Anglo-America. A regional geography of the United States and Canada. Emphasis is given to the identification and interpretation of significant urban and regional characteristics as they relate to the physical and cultural environment. Fall semester, even years – as needed.

GEOG 3033. Geography and World Religions. A study of the distribution, history, and the cultural effects of the world's religions. Fall semester, odd years – as needed.

GEOG 3193. Political Geography. A systematic and regional analysis of political units, including regions and cities, evaluation of geographic phenomena in the internal structure, and external relations of the world's countries. Attention is given to the problem areas of the world. Same as PSCI 3193. Fall semester, even years.

GEOG 4003. Advanced Topics in Geography. A study of special topics in geography requiring in-depth research into a selected topic, determined by the student within an area approved by the instructor. As needed.

GEOG 4013. Asian Geography. A survey of the geographical, environmental, climatological, and cultural conditions of the countries of South, Southeast and East Asia, and how these various factors affect the lives of the people who live there. Fall semester, odd years.

Geology (GEOL)

GEOL 1001. Physical Geology Lab. To accompany GEOL 1003. Laboratory two hours. Fall semester.

GEOL 1003. Physical Geology. Earth materials and general principles. Physical processes that shape the earth: weathering, erosion, volcanism, earthquakes, rock deformation, and mountain building. Lecture three hours. Same as GEOG 1003. Fall semester.

GEOL 1011. Historical Geology Lab. To accompany Geology 1013. Laboratory two hours. Spring semester.

GEOL 1013. Historical Geology. A survey of the natural history of the earth including origin and evolution of life as recorded in rocks. Also basic stratigraphic interpretations utilizing fossils and sedimentary rocks. Lecture three hours. Spring semester.

GEOL 2001. Environmental Geology Laboratory. Must be taken concurrently with GEOL 2003. A map-based study of specific aspects of man's interaction with the geosphere. One three-hour period per week. Spring semester.

GEOL 2003. Environmental Geology. A study of those aspects of geology which either directly or indirectly interface with man. Includes environmental implication of basic geologic processes, geologic hazards, and earth resources. Lecture three hours. Spring semester.

GEOL 2011. Mineralogy Lab. To accompany GEOL 2012. Laboratory two hours. As needed.

GEOL 2012. Mineralogy. Prerequisite: GEOL 1001/1003. A general study of minerals, crystallography theory, and identifications. Emphasis is on theory and megascopic identification. Lecture two hours. As needed.

GEOL 2023. Oceanography. A general study of the liquid earth, the shape of the oceans, their circulation, temperature, density, zoning, and bottom configuration including some speculations as to their history. Lecture three hours. Alternate fall semester.

GEOL 3060. Paleontology I Lab. Must be taken concurrently with GEOL 3064. Laboratory two hours. Alternate fall semester.

GEOL 3064. Paleontology I. Prerequisite: GEOL 1001/1003 or GEOL 1011/1013, or consent of instructor. A course dealing with living organisms through geologic time. Will stress invertebrates. Alternate fall semester.

GEOL 3163. Paleontology II. Prerequisite: GEOL 1011/1013 or BIOL 1021/1023 or consent of instructor. This course will review vertebrate animals. Alternate fall semester.

General Studies (GSTD)

GSTD 1002. Freshman Seminar. This course provides an overview of the University community and resources, as well as an introduction to skills and strategies – such as time management, study and test-taking strategies – for enhancing academic success. Required in the first regular semester of enrollment of all beginning freshmen and of all transfer students who have fewer than 24 semester credit hours. Fall, spring, summer.

GSTD 1011. Career Planning. Designed to help students consider the factors that will affect the career choices they make, to help them to start making some of those choices, and to facilitate some of the skills necessary to put their plans into action. As needed.

History (HIST)

HIST 1003. World History I. An introductory study of the nature and development of world civilizations to 1700. Fall, spring, summer.

HIST 1013. World History II. An introductory study of the evolution of modern civilizations since 1700. Fall, spring, summer.

HIST 2013. U.S. History I. A general survey of the history of the United States from the beginning of North American colonization through the Civil War and Reconstruction. Fall, spring, summer.

HIST 2023. U.S. History II. A general survey of the history of the United States from the end of Reconstruction to the present. Fall, spring, summer.

HIST 3011, 3111. Forum on Contemporary Affairs I, II. A multi-disciplinary study of contemporary issues through group discussions, films, and speakers. May be taken for credit a second time. As needed.

HIST 3053. The Middle East. A survey of Middle Eastern history with emphasis on the 19th and 20th centuries. Fall semester, odd years.

HIST 3073. Modern Latin America. A study of the modern history of Latin American countries since their achievement of independence from Spain with special attention to selected contemporary issues. Summer, odd years - as needed.

HIST 3083. History of Arkansas. A survey of the state's history from pre-Columbian times to the present. Fall, spring, summer.

HIST 3093. American Foreign Policy. A study of foreign policy's constitutional basis in the Executive Branch and Congress; the special role of public opinion in the American democratic system; a survey of America's diplomatic history; and an analysis of

contemporary foreign policy problems. Same as PSCI 3093. Spring semester, even years.

HIST 3113. Western Thought. A study of the principal currents of thought in Western culture since 1800 with an emphasis on examination of the texts of selected philosophers. Same as PSCI 3113. Spring semester.

HIST 3123. Russia and the Soviet Union. A survey of Russian and Soviet history with an emphasis upon the 19th and 20th centuries. Alternate fall semester.

HIST 3133. Research Methods. An introduction to basic methods of research in history and political science, emphasizing computer-based quantitative analysis of historical and political phenomena. Same as PSCI 3133. Spring semester.

HIST 3143. The North American Indian. The archaeology, ethnology, and history of the North American Indians from the time of their arrival on this continent prior to 12,500 B.C. down to this present century. Same as ANTH 3143 and SOC 3143. Spring semester.

HIST 3173. Modern South Asia. A survey of South Asia since the Mughal Empire with emphasis on imperialism, nationalism, independence, and modernization. Spring semester, even years.

HIST 3183. African History. A study of Africa from its ancient history to modern day, including its geography, slavery, colonization, trade, and religion. Fall semester, even years.

HIST 3213. Eastern Thought. A study of the principal currents of Eastern Thought and Religions with an emphasis on examination of the text of selected philosophers, schools, and beliefs systems. Fall semester, even years.

HIST 3243. Modern American Politics. A study of American political development emphasizing the evolution of governing institutions, national parties, political culture, and interest groups since 1900. Cross referenced with PSCI 3243. Fall semester, odd years.

HIST 3303. History and Politics of Modern China. An in-depth study of the political influences on Chinese history and the consequences of the decisions the nation made in the 19th and 20th centuries. Spring semester, odd years.

HIST 3313. History and Politics of Modern Japan. An in-depth study of the political influences on Japanese history and the consequences of the decisions the nation made in the 19th and 20th centuries. Fall semester, even years.

HIST 4003. Europe, 1815-1914. The history of Europe from the Congress of Vienna to the beginning of World War I with special stress on reaction, nationalism, the industrial revolution, and imperialism. Fall semester, even years.

HIST 4023. Europe, 1618-1814. A history of Europe from the Thirty Years War through the French Revolution and the Napoleonic era. Fall semester, odd years.

HIST 4073. Civil War and Reconstruction. A review of the sectional quarrel that led to secession; the military, diplomatic, and economic strategy of the opposing governments; the major campaigns on land and water; Presidential vs. Congressional Reconstruction; and the economic, political, and social changes which accompanied the period. Spring semester, odd years.

HIST 4093. African American History. A study of the life, culture, and historical experience of African Americans within the broad context of American national development. Fall semester, odd years.

HIST 4103. American Social History since 1900. A study of the American mind and character; popular culture including religion, movies, radio, and TV; and the social upheavals of the 1920s and 1960s. Spring semester, odd years – as needed.

HIST 4213. American Social History Before 1900. A study of popular culture, social culture, social development, and patterns of thought from the colonial era through the 19th century. As needed.

HIST 4313. Europe since 1914. A study of modern imperialism, the background of World War I, the rise of totalitarianism, World War II, and its aftermath. Alternate spring semester, even years.

HIST 4323. Recent United States History. A study of the Age of Roosevelt, World War II, undeclared wars in Korea and Vietnam, and American society from the Truman era to the Clinton administration. Fall semester, odd years.

HIST 4353. Senior Paper Research. Senior Paper Research. Prerequisites: Senior standing and consent of department chair and instructor. Undergraduate research and writing of a senior paper. This course provides a capstone research experience. Although supervised by an instructor, the student researcher is expected to work independently on a comprehensive research paper, requiring extensive investigation and producing original research. This course may not be used to satisfy the requirements of the 36-hour history major. As needed.

HIST 4363. Women in Europe. The study of the role of women in European history from the eighteenth century to the present. The course will examine women's lives in the context of political, economic, and social changes. Fall semester, odd years.

HIST 4383, 4393. Advanced Topics in World History. Advanced Topics in history as chosen by the faculty. Students may take the course once under each number with different topics. As needed.

HIST 4483, 4493. Advanced Topics in U.S. History. Advanced topics in history as chosen by the faculty. Students may take the course once under each number with different topics. As needed.

HIST 4923. History Internship. Prerequisite: Senior standing and consent of department chair and instructor. This course provides a structured field experience in the work of public history. Students will be placed as interns with appropriate private or public agencies (such as museums, state parks, or other programs) that have the mission of researching and presenting history for display to the public. This course may not be used to satisfy the requirements of the 36-hour history major. Fall, spring semester.

Honors College (HC)

HC 1013. Honors Seminar. Prerequisite: Admission to the Honors College. Required of all students entering the Honors College within the first two semesters of enrollment. The Honors Seminar is an introduction to the academic experience, the Honors College, critical thinking, diversity issues, and other aspects of the academic life and the academic community. Fall semester.

HC 4911-3. Honors College Thesis I. Prerequisite: Admission to the Honors College, consent of faculty sponsor, and consent of the Honors Director. (1-4 credits). This course is the first semester of a focused and directed effort toward an honor thesis. By the end of this course, the student should have produced either a rough draft of the thesis, polished drafts of a majority of the components of the thesis, several pieces of art, or similar indicators of substantial progress. The student, the sponsor, and the honors director will together determine the number of credit hours and there will be a positive correlation between the number of hours chosen and the magnitude of the thesis. As needed.

HC 4921-3. Honors College Thesis II. Prerequisite: Admission to the Honors College, completion of HCTH 4911-3, consent of faculty sponsor, and consent of the Honors Director. (1-4 credits). This course is the second semester of a focused and directed effort toward an honor thesis. By the end of this course, the student should have produced a final draft of the thesis, several pieces of art, or similar indicators of completion. The work must be presented in a public forum either on or off campus. The student, the sponsor, and the honors director will together determine the number of credit hours and there will be a positive correlation between the number of hours chosen and the magnitude of the thesis. They will also determine the venue of the public forum where the work will be presented. As needed.

Health, Kinesiology, and Recreation (HKR)

HKR 1113. Methods of Teaching Individual/Dual Activities. Course required for admittance into the HKR degree program. The course is designed to develop knowledge, techniques, understanding, and skills in appropriate individual or dual sports and activities. Rules/officiating techniques; court/field/equipment requirements; and skills checklist with cues, history, and demonstrated proficiency emphasized. Student-developed notebook is a requirement of the course. Fall, spring semester.

HKR 1123. Methods of Teaching Team Activities. Course required for admittance into the HKR degree program. The course is designed to develop knowledge, techniques, understanding, and skills in appropriate team sports and activities. Rules/officiating techniques; court/field/equipment requirements; and skills checklist with cues, history, and demonstrated proficiency emphasized. Student-developed notebook is a requirement of the course. Fall, spring semester.

HKR 1611. Driver Training and Safety. Designed for students to learn to drive a car and develop good safety habits and attitudes or for those who already know how to drive but would like to improve their skills. Summer as needed.

HKR 2711. Officiating Baseball-Softball. Prepares students to officiate competitive baseball and softball games. In-depth coverage of baseball and softball rules and the mechanics of officiating. Prepares the student to take the examination administered by rating boards. As needed.

HKR 2721. Officiating Basketball. Prepares students to officiate competitive basketball. In-depth coverage of basketball rules and the mechanics of officiating. Prepares students to take the examination administered by rating boards. As needed.

HKR 2731. Officiating Football. Prepares students to officiate competitive football. In-depth coverage of football rules and the mechanics of officiating. Prepares students to take the examination administered by rating boards. As needed.

HKR 2741. Officiating Volleyball. Prepares students to officiate competitive volleyball. In-depth coverage of volleyball rules and the mechanics of officiating. Prepares students to take the examination administered by rating boards. As needed.

HKR 2812. Theory and Fundamentals of Basketball. Prerequisite: Sophomore standing. Theory, strategy, and mechanics of coaching basketball, including the development of various systems of offensive and defensive play and basic supporting fundamentals. Attention to organization of the season, conditioning of players, and psychological factors peculiar to basketball as an educational medium. Lecture two hours, laboratory one hour. Fall semester. Alternate summer.

HKR 2822. Theory and Fundamentals of Football. Prerequisite: Sophomore standing. Theories, methods, and mechanics of coaching football, including consideration of fundamentals, rules, individual and team play, offensive and defensive formations, and game strategy. Discussion of practice sessions, squad organization, seasonal planning, conditioning of players, and education opportunities and values. Lecture two hours, laboratory one hour. Spring semester. Alternate summer.

HKR 3301-2, 4301-2. Supervised Observation and Field Work in Kinesiology. Prerequisites: Permission of department chair and junior or senior standing. Observation and assisting in planning, teaching, and directing sports, dance, aquatics, conditioning, and recreational activities on community, school, and college levels. Preparation of analyses and critiques and carrying out of projected organizational plans followed by evaluation procedures under close supervision. Fall, spring semester.

HKR 3703. Methods and Materials in Kinesiology for Elementary Schools. Prerequisites: Junior standing and satisfactory proficiency in the HKR 1113, and 1123 sequence for HKR majors or completion of four hours of PHED 1001-1491 for elementary education majors and consent of instructor. Opportunity for prospective teachers of kinesiology to develop teaching competence. Study, observation, and discussion of what comprises a well-rounded elementary school kinesiology program. Techniques of directing group activities, developing units of instruction, lesson planning, class organization and management, learning teaching techniques, evaluating pupil

progress, acquiring insight into the meaning of behavior, and skill in handling problem situations. Same as E ED 3703. Fall semester.

HKR 3723. Methods and Materials in Kinesiology for Secondary Schools. Prerequisites: Junior standing in HKR; satisfactory proficiency in the HKR 1113, 1123 sequence; and consent of department chair. Special materials and techniques for the teaching of physical and health education and recreation. S ED 3723 cross-referenced course required for teacher education majors (HKR). Spring semester.

HKR 3803. Lifeguard/Water Safety for Advanced Swimmers. Prerequisite: Level IV swimming skills (ARC). Techniques and methods of teaching swimming and lifeguarding certification. American Red Cross Water Safety Instructor and Lifeguarding Certification upon satisfactory completion of requirements. Fall, spring semester. Alternate summer.

HKR 3832. Theory and Fundamentals of Baseball. Prerequisite: Sophomore standing. Theories, strategy, mechanics, and methods of coaching baseball and teaching softball. Fundamentals of batting, fielding, base-running, throwing, and the playing of all positions. History, values, community opportunities, and service organization programs of baseball in American sport life. Lecture two hours, laboratory one hour. Fall, summer.

HKR 3842. Theory and Fundamentals of Track and Field. Prerequisite: Junior standing. Theories, methods, and mechanics of coaching track and field events. Critical analysis of the techniques of sprinting, running, hurdling, jumping, and throwing. Emphasis on conditioning for competitive events, squad organization, workout schedules, off-season programs, and problems and actual experience in conducting track and field events. Lecture two hours, laboratory one hour. Spring semester. Summer as needed.

HKR 3852. Theory and Fundamentals of Tennis and Volleyball. Prerequisite: Junior standing. Theories, methods, and mechanics of coaching tennis and volleyball, including consideration of fundamentals, rules, and individual and team play. The following elements will be covered in each sport: seasonal and daily practice plans, player conditioning considerations, team organizational procedures, psychological aspects, and offensive and defensive strategies. As needed.

HKR 3882. Theory and Techniques in Rhythm Activities. Prerequisites: Sophomore standing. permission of instructor, and elementary dance skills. Techniques, theories, and foundations of rhythm activities as media of self-expression in the development of the individual. Emphasis on the creative process and history of dance as a recreational form and instrument of cultural expression. Planning, organization of rhythm activities, and materials in school kinesiology. Laboratory problems in folk, social, and contemporary dance. Lecture two hours, laboratory one hour. Spring semester.

HKR 4102. Professionalism and Leadership in HKR. Prerequisites: Senior standing and consent of chair. A cumulative approach to making transitions from the academic setting to a professional career in HKR. Portfolios, Praxis series professional attitudes, appearance, mannerisms as well as job market skills will be stressed. Fall semester.

HKR 4113. Driver Education I. Prerequisites: Senior standing and consent of instructor. Prepares teachers of driver education at the secondary school level. Includes organization and administration of the program, safety methods, materials and techniques of teaching, and evaluating procedures. Includes both classroom and laboratory experiences. As needed.

HKR 4123. Advanced Driver Education and Traffic Safety II. Prerequisite: HKR 4113. For teachers and administrators in the field of driver education. Includes study of the latest development in materials, equipment, and research in driver education and the psychology of accident prevention. As needed.

HKR 4323. Organization and Administration of Health, Kinesiology, and Recreation. Prerequisite: Senior standing in kinesiology. Policies, procedures, and problems in the organization of the total health, kinesiology, and recreation program. Same as HS 4323. Spring semester. Alternate summer.

HKR 4331-2, 4361-2, 4381-3. Workshops in HKR and Sports. Prerequisites: Senior standing and approval of HKR department chair. Specific and selected sports, problems, issues, and trends in various areas of the HKR discipline. Lecture and laboratory. Variable credit—one, two, or three semester hours. A maximum of six semester hours of workshops is allowed. As needed.

HKR 4343. History and Philosophy of Health, Kinesiology, and Recreation. Study of the origins, nature, and philosophy of health, kinesiology, and recreation as a developmental experience in educational medium. Emphasis is given to the application of history and philosophy to administration and curriculum formation. Spring semester. Summer as needed.

HKR 4923. Measurement and Evaluation in Health, Kinesiology, and Recreation. Prerequisites: Senior standing and permission of instructor. A critical study of methods and uses of evaluation and measurement techniques in physical and health education and recreation. Spring, summer.

Horticulture (HORT)

HORT 2001. Principles of Horticulture Lab. Must be taken concurrently with HORT 2002 or instructor's permission. Laboratory two hours. Spring semester, summer as needed.

HORT 2002. Principles of Horticulture. Prerequisites: AGRO 1002/1001 and sophomore standing. A study of the basic principles underlying the propagation, production, and handling of horticultural crops. Lecture two hours. Spring semester. Summer as needed.

HORT 3001. Foliage Plants and Greenhouse Lab. Must be taken concurrently with HORT 3002 or instructor's permission. Laboratory two hours. Alternate fall semester.

HORT 3002. Foliage Plants and Greenhouse Management. Prerequisites: HORT 2001/2002 and BIOL 2081/2083. Modern greenhouse construction, climate control, and management of commercial and home greenhouses. Identification, propagation, and study of major greenhouse plants. Lecture two hours. Alternate fall semester.

HORT 3081. Plant Physiology Lab. Must be taken concurrently with HORT 3083 or instructor's permission. Laboratory two hours. Same as BIOL 3081. Spring semester as needed.

HORT 3083. Plant Physiology. Prerequisites: BIOL 2081/2083 and one year of chemistry. A study of the basic physiological processes of plant growth and metabolism. Same as BIOL 3083. Lecture three hours. Spring semester as needed.

Health Science (HS)

HS 1403. Personal and Community Health. A consideration of the various conditions and factors affecting individual and community health, designed to assist the student in formulating his own philosophy, attitudes, and understanding of behaviors necessary to establish healthful living practices. Fall, spring, and summer.

HS 2043. Human Anatomy and Physiology. Prerequisite: Three hours of biological science or consent of the instructor. A detailed study of the structure and functions of the human body with the emphasis on the skeletal, muscular, reproductive, and endocrine systems. Fall, spring semester. Alternate summer.

HS 2443. Techniques in the Prevention and Care of Athletic Injuries. Prerequisite: HS 2043. The study and application of theory, principles, and techniques used in the prevention, care, and rehabilitation of athletic injuries. Introduction to programs in training and sports medicine. Spring semester. Alternate summer.

HS 3233. Kinesiology. Prerequisites: HS 2043 and junior standing. Study of the range, quality, and capacities of movement of the human body. Analysis of principles of physics and mechanics in form, style, and coordination in sports and ordinary activities of daily life. Some attention to muscle re-education and therapeutic exercise. Fall semester. Summer, even years.

HS 3413. First Aid and Safety/CPR. Prerequisites: HS 1403, and HS 2043. Course in basic American Red Cross First Aid and American Red Cross Community CPR. Fall, spring, summer.

HS 3431. First Aid and Safety. Prerequisites: HS 1403 and completion of natural science requirement. A consideration of first aid practices to the injured and recognized safety practices in home and community life. As needed.

HS 4013. Adapted Kinesiology. Prerequisites: Senior standing and consent of department. A study of adapted kinesiology, a multi-disciplinary approach, consisting of a diversified program of developmental activities, games, sports, rhythms, and aquatics suited to interests, capacities, and limitations of students with impairments, disabilities, or handicaps who may or may not be mainstreamed in the elementary and/or secondary kinesiology programs. Same as SPED 4013. Fall semester.

HS 4023. Pharmacology in Sports. Examination of the effects of drug use and abuse on society and the individual including study of drug effects on exercise. Fall semester.

HS 4243. Physiology of Muscular Activity. Prerequisites: HS 2043, and junior standing. The nature, purpose, and effects of muscular activity with particular reference

to the respiratory, circulatory, and nervous systems. Analysis of the results of training, theories, and muscle contraction, fatigue, oxygen debt, energy costs, muscle tone, reaction time, and the concept of total fitness. Spring semester. Summer, odd years.

HS 4413. Health Education in the School. Prerequisites: HS 1403, three hours of biological science, and junior standing or permission of instructor. A study of the school's role in health education. Consideration of the teachers' responsibilities for the health of the school child, screening, referral, instructional programs, emergency care, teachers' health, material and resources, and community health group interrelations. As needed.

HS 4433. Advanced Athletic Training Techniques. Prerequisites: HS 2043, HS 2443, HS 3233, HS 3413. An in-depth look at athletic injuries which will include biomechanics, tissue repair, and injury psychology. Emphasis placed on diagnosis and treatment of specific sports injuries. Special study of injuries requiring medical intervention and surgical procedures. Fall semester. Alternate summer.

Humanities (HUM)

HUM 2003. Film Appreciation. Designed for the general student, this course attempts to present film and film marketing as part of our cultural heritage. Course covers basic terms and the characteristics of genres and time periods. Includes familiarization with specific films within a critical context, actors, and producers and film makers, both American and foreign. Fall, spring, summer.

Inclusive Early Childhood (IEC)

IEC 2003. Child Growth and Development. Examines human growth and development from prenatal period through age eight. The course will emphasize physical, cognitive, language, social, and emotional development. Fall, spring semester.

IEC 3003. History, Philosophy, and Curriculum. Introduction to the early childhood profession, including the historical foundations, philosophical bases, and theories of early childhood education. Course includes concepts of quality and developmental appropriateness, indicators for high quality early childhood programs, and research on early intervention programs. Fall semester.

IEC 3013. Learning Theory. The course is taken in conjunction with Block II-Field Experience II. The course is designed to provide the early childhood teacher candidate with knowledge about learning theories that impact teaching children between birth and fourth grade. Teacher candidates will demonstrate their attainment of the concepts underlining the theories through classroom participation, reflection journal entries, tests and an integrated unit of study. As needed.

IEC 3043. Emergent Literacy. Designed to heighten the awareness of the multiple factors involved in the process of becoming literate and promotes the development of a literate environment that fosters interest and growth in all aspects of literacy. Research and theory relevant to emergent literacy and the kinds of experiences that support literacy are examined. (Block II). Spring semester.

IEC 3053. Organizing for Teaching and Learning. Designed to focus on teaching appropriate social skills, motivating students, and generic classroom management principles in an inclusive P-4 classroom. An additional focus will involve preventing

discipline problems, functional behavioral observation, and confronting and solving discipline of children with mild disabilities. Spring semester.

IEC 3083. Inclusive Experiences I. This course includes 16 hours of observation of human growth and development from birth to age five. Eight to ten of the 16 hours occur in a special education setting. Emphasis is placed on observation of physical, cognitive, language, and social and emotional development. (Block I). Fall semester.

IEC 3093. Teaching Reading. This course presents skills, techniques, and practice in the teaching of reading as well as methods of diagnosis and correction of reading problems and miscue analysis. A social-psycholinguistic and constructivist theoretical approach will be emphasized. (Block II). Spring semester.

IEC 3103. Children's Literature and Social Studies. This course is designed to investigate a wide range of children's literature using the social studies content areas of geography, history, economics, and social relationships as a structural frame. Teacher candidates will practice reading, telling, dramatizing, analyzing and critiquing children's literature for integration into content area teaching, particularly Social Studies. Fall semester.

IEC 3113. Integrated Curriculum and Methods. Designed to introduce students to the theory and application of integrated curriculum in early childhood settings. It will focus on preschool and early childhood curriculum areas including music, creative movement, dance, drama, art, early childhood developmental, and academic curriculums. Candidates will explore child development and its implications for designing, implementing, and evaluating curriculum and instruction in early childhood classrooms. Fall semester.

IEC 4000. Science for the Early Childhood Teacher Laboratory. To accompany IEC 4033. (Block III). Fall semester.

IEC 4002. Inclusive Experiences II. This course is designed to provide extended field-based experiences for the courses taken during Block II. Candidates will spend 16 hours in first and second grade classrooms observing classroom behavior, teaching lessons in emergent literacy, reading, etc. Ten to twelve of the 16 hours occur in a special education setting. Spring semester.

IEC 4003. Inclusive Experiences III. An applied course consisting of a total of 20 hours of observation/teaching experience in a public school classroom, grades 3-4. Ten to twelve of the 20 hours occur in a special education setting. Approximately 15 hours of individual, small group, and large group instruction are required. (Block III). Fall semester.

IEC 4006. Student Teaching I. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades 1-4. Student teaching semester will total 12 hours, including enrollment in EDUC 4003 Student Teaching Seminar. (Block IV). Fall, spring semester.

IEC 4033. Science for the Early Childhood Teacher. Designed to give the early childhood teacher an awareness of the inter-relationship of various sciences and the

essential basic knowledge of new science innovations taught at birth to fourth grade levels. Selection and organization of learning activities and materials for the teaching of science will also be emphasized. (Block III). Fall semester.

IEC 4043. Language Arts in Early Childhood. The course examines the many complex issues that teachers are responsible for in teaching Language Arts to young children. Teacher candidates consider their role as a facilitator of young student's reading, writing, speaking, and listening development. Students apply principles of learning to teaching by developing lesson plans, integrated curriculum units and multimedia teaching tools. Students in this course are encouraged to think critically and reflectively about the process of educating as a professional member of collaborative teams. Fall semester.

IEC 4053. Families, School and Communities. Designed to provide the early childhood teacher with knowledge, skills, and dispositions of building partnerships between teachers, parents, caregivers, and service agencies. The course emphasizes various methods of collaborative consultation including team-building, problem solving, and conflict resolution. An additional focus of the course is establishing positive relationships with families and professionals concerned with special-needs children, and at-risk children from diverse backgrounds. Fall semester.

IEC 4063. Administration of Preschool Programs. Prerequisites: To be taken during Block IV with Internship I and II. This course will focus on planning and administering early childhood programs including managing the center (physical facility, financing, licensing, and policies); managing the educational programs (developmental and preacademic); and managing the personnel (maintenance, professional, and paraprofessional). It will additionally focus on preschool programs in Arkansas (standards, funding, staff requirements, program monitoring, etc.) including Arkansas Better Chance Programs (ABC), Arkansas Better Chance for School Success Program, Headstart, and Home Instruction for Parents of Preschool Youngsters (HIPPPY), etc. Fall, spring semester.

IEC 4076. Internship Placement I. Prerequisites: All required courses prior to Block IV and concurrent enrollment in Administration of Preschool Programs. This intensive directed internship is the one of two culminating experiences in the Inclusive Childhood Program (nonlicensure option). Internship II requires on-site teaching and administrative experiences in a center or setting for children birth to three years of age. This course will be taken concurrently with IEC 4063: Administration of Preschool Programs. The intern will be under the supervision of a site-based lead teacher and university supervisor. Fall, spring semester.

IEC 4083. Internship Placement II. Prerequisites: Internship I and concurrent enrollment in Administration of Preschool Programs. This intensive directed internship is the second of two culminating experiences in the Inclusive Early Childhood Program (Nonlicensure Option). Internship II requires on-site teaching and administrative experiences in a center or setting for children three to five years of age. This course will be taken concurrently with IEC 4063 Administration of Preschool Programs and IEC 4076 Internship I. The intern will be under the supervision of a site-based lead teacher and university supervisor. Fall, spring semester.

IEC 4103, 4016. Student Teaching II. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades K-4. Student teaching semester will total 15 hours, including enrollment in EDUC 4003 Student Teaching Seminar (Block IV). Fall, spring semester.

IEC 4113. Early Childhood Assessment. Study of fundamental observations, assessment, and evaluation methods, concepts, and tools. Emphasis on both qualitative and quantitative methods of measuring and reporting student progress and learning. Designed to give the beginning teacher a background in the responsible collection and interpretation of data with the goal of making informed data-driven decisions that lead to improved teaching and learning. Methods of developing assessment partnerships with other professional, families, and community members are stressed. As needed.

Industrial Technology (ITEC)

ITEC 2032. Industrial Safety. Principles of industrial accident prevention, accident statistics and costs, appraising safety performance, recognizing industrial hazards, and recommending safeguards. Includes a detailed study of the Occupational Safety and Health Act. Spring semester, even years. Summer, odd years.

ITEC 3003. Quality Control. Prerequisite: MATH 3043 or equivalent. Analysis of control charts, acceptance sampling procedures, statistical process control, inspection systems, reliability, and quality experiments. Alternate trimester.

ITEC 3012. Maintenance. Principles and practices of maintenance management, preventative procedures, and typical equipment problems. Also includes related topics such as plant protection, custodial services, and power plant maintenance. Spring semester, even years - as needed.

ITEC 3023. Production and Inventory Control. Prerequisite: MATH 3043 or equivalent. Production and inventory control systems including MRP, JIT, and synchronous manufacturing techniques. Fall semester, odd years.

ITEC 3043. Work Analysis. The Study of Motion, Time, and Ergonomics. A study of work standard methods for use in planning and standards, design of work centers using motion economy and ergonomic considerations. Spring semester, even years. Fall semester, odd years.

ITEC 3053. Industrial Ergonomics. Prerequisite: ITEC 3043 or permission of instructor. A detailed study of the physical, physiological, and psychological aspects in the design of workplace environment related to productivity, safety, and the long-term effect on workers with the object of eliminating cumulative trauma disorders. Fall semester, odd years.

ITEC 3073. Engineering Economic Analysis. Prerequisite: MATH 1525 or MATH 2123 or consent of instructor. Estimation of costs of materials, labor, capital and return from products and processes, and economic analysis of design alternatives, process optimization, and amortization of capital for equipment cost-benefit analysis. Fall, spring semester, even years.

ITEC 3263. Operations Management I. A framework course on the process of managing an industrial enterprise by developing a culture of quality, competitiveness, and customer focus through teamwork, empowerment, and the appropriate application of the tools of industrial technology. Spring semester, odd years. Summer, even years.

ITEC 3363. Operations Management II. Prerequisites: ITEC 3263. A continuation of ITEC 3263, Operations Management I. Topics include Just-In Time and Lean Production Systems, Material Requirement Planning, and Supply-Chain Management. As needed.

ITEC 3503. Computational Methods of Industrial Technology. Prerequisites: MIS 1003 or CSCI 1101/1102 and MATH 1525 or MATH 2123 or consent of instructor. Introduces the student to a problem-oriented computer language that is used to solve relevant problems that occur in industry, technology and engineering. Fall, spring semester, even years.

ITEC 3803. Industrial Management. Prerequisites: Junior standing (completion of 60 hours or more). A non-mathematical approach aimed at answering the “why” and “how” questions of material testing as they relate to all types of materials – concrete, wood, metals, and polymers. As needed.

ITEC 4004. Manufacturing Policy and Ethics. Prerequisite: All required BSIT core or permission of instructor. A capstone course for industrial technology majors to review previously studied disciplines through case studies with research and lecture in ethics in industry. Fall semester, even years. Summer, odd years.

ITEC 4044. Advanced Manufacturing Systems. Prerequisite: Senior standing (completion of 90 hours more). An emphasis course for industrial technology majors in automation systems including work cells, handling methods, robotics, programming techniques, and computer integrated manufacturing. Fall semester, even years. Summer, odd years.

ITEC 4123. Computer Aided Manufacturing. A course designed to develop an understanding of free-standing automation and the application of computers to manufacturing equipment and processes. Spring semester, odd years.

Mathematics (MATH)

MATH 0404. Fundamentals of Math. A review of basic algebra, including polynomials, equations and inequalities, factoring, and linear graphs. Fall, spring semester.

MATH 0703. Intermediate Algebra. Prerequisite: High school Algebra I required with a minimum ACT score of 18, or successful completion of MATH 0404, or approval of the chair of the Department of Mathematics and Computer Science. A course to prepare a student for success in College Algebra (MATH 1023). Does not satisfy general education mathematics requirements and does not count toward the total number of hours required for a degree. Fall, spring semester.

MATH 1001. Math for Allied Health. An introduction to the mathematics of dosage calculation. A review of basic mathematics followed by the solution of dosage problems.

Three systems of measurement (household, apothecaries, and metric) are covered. As needed.

MATH 1003. College Mathematics. Prerequisite: High school Algebra II and a minimum ACT math score of 19 or higher or successful completion of MATH 0703. This course is designed for students in liberal arts programs of other fields that do not require a core of mathematics. This course is a survey of logic; introductory set theory; statistics and finance; number systems and number theory; geometry; graph theory; exponential and logarithmic functions; and linear programming. Note: This course can only be accepted to fulfill the general Education requirement for math if it is a terminal math requirement for a degree. As needed.

MATH 1023. College Algebra. Prerequisite: High school Algebra II required with a minimum ACT score of 19 or higher, successful completion of MATH 0703, or approval of the chair of the Department of Mathematics and Computer Science. A study of quadratic equations and inequalities, graphs of function relations and inequalities, systems of equations and inequalities, theory of equations, exponential and logarithmic functions, conic sections, natural number functions, and probability. Fall, spring semester.

MATH 1033. Plane Trigonometry. A study of triangles, radian measure, polar coordinates, trigonometric functions and their related graphs, formulae, and identities. Fall, spring semester.

MATH 1045. Pre-Calculus Mathematics. Prerequisite: ACT math score of 21 or satisfactory completion of MATH 0703 or approval of chair of the Department of Mathematics and Computer Science. A study of quadric, polynomial, rational, exponential, logarithmic, and trigonometric functions, their graphs and inverses as well as systems of equations and inequalities, determinants, matrices, sequences and series, conic sections, angles, identities, trigonometric operation formulae, laws of sines and cosines, trigonometric form of complex numbers, vectors, DeMoivre's Theorem, and n^{th} roots of complex numbers. Fall semester.

MATH 1113. Calculus for the Management Sciences. A study of concepts in differential and integral calculus for polynomial, rational, exponential, logarithmic, and multivariate functions with applications coming from topics and problems in business and economics. Does not count toward any specialization or degree in mathematics. As needed.

MATH 1525 Calculus I. Prerequisites: MATH 1023 and MATH 1033 or MATH 1045 or equivalent. The differential and integral calculus of functions of one variable with applications, and topics from plane analytic geometry. Fall semester.

MATH 1545. Calculus II. Prerequisites: MATH 1525. A continuation of the differential and integral calculus of functions of one variable with applications, and topics from plane analytic geometry. Spring semester.

MATH 2033. Discrete Mathematics. Prerequisite: MATH 1023. Presents the mathematical tools that form the foundation for the science of computing. Topics

include logic, Boolean algebra, number theory, combinatorics, probability, asymptotics, algorithm analysis, and an introduction to computability. Spring semester.

MATH 2053. Math for Teachers I. Prerequisite: MATH 1023. A study of numeration systems and the structure of arithmetic with an emphasis on problem solving as it relates to early childhood education. For early childhood majors only. Fall, spring semester.

MATH 2063. Math for Teachers II. Prerequisite: MATH 1023. A study of rational numbers, geometry, measurement, and statistics with a focus on early childhood education. For early childhood majors only. Fall, spring semester.

MATH 2123. Applied Calculus for Technology. Prerequisite: MATH 1033 or equivalent. Methods of formulation and solution of special problems encountered in industry and technology using advanced techniques. As needed.

MATH 2563. Calculus III: Multivariable Calculus. Prerequisite: MATH 1545 or equivalent. Techniques of integration, solid analytic geometry with vectors, calculus of functions of several variables, and series. Fall semester.

MATH 2753. Linear Algebra. Prerequisite: MATH 1545. A study of linear vector spaces. Includes linear mappings and matrix representations, bases and orthonormality, and Eigen values and eigenvectors. Applications to systems of linear equations, linear operators, and geometry. Fall, spring semester.

MATH 3033. Differential Equations. Prerequisite: MATH 2753. A study of ordinary differential equations using the differential operator in the linear cases and other elementary methods in equations of higher degree and order. Spring semester.

MATH 3043. Introduction to Applied Probability and Statistics. Prerequisite: MATH 1023 and CSCI 1101/1102. Introduction to descriptive statistics, probability, binomial and normal distributions, hypothesis testing, correlation, and regression. Does not count toward any degree in mathematics. May not be substituted for MATH 4073. Spring semester.

MATH 3053. Methods of Teaching Mathematics Pre K-4. Prerequisite: MATH 2053 and MATH 2063. This course is designed to prepare candidates to teach mathematics in grades P-4. Topics include developing understanding in mathematics, teaching through problem solving, assessment, planning, equity in mathematics education, and using technology effectively. Candidates will study the development of concepts and procedures in these content areas; early number concepts and number sense, operations, fractions, measurement, geometric thinking, probability, algebraic reasoning and use this background to create, teach, and reflect on lessons from these content areas. As needed.

MATH 3063. Abstract Algebra. Prerequisite: MATH 2753. An introductory course in abstract algebra consisting of number theory, integral domains, equivalence and congruence, groups, rings, ideals, and elementary matrix theory. Spring semester.

MATH 3083. Principles of Analysis. Prerequisite: MATH 2753. Introductory course in mathematical analysis consisting of a study of the real number system, functions, metric sets, limits, and continuity. Emphasis on the theoretical aspects of mathematical analysis. Fall semester.

MATH 4003. College Geometry. Prerequisite: MATH 2753. Covers finite geometries, motions in Euclidean 2-space and 3-space, geometric transformations, convexity, and the Euclidean geometry of the circle and the polygon. Fall semester.

MATH 4023. Point-Set Topology. Prerequisite: MATH 2753. A study of topological spaces, metric spaces, continuous functions, connectedness, separability, compactness, local compactness, and local connectedness. Spring semester, odd years.

MATH 4033. Introduction to Complex Variables. Prerequisite: MATH 2753. An introductory course in complex variable theory with applications. Spring semester, even years.

MATH 4043. Numerical Analysis. Prerequisites: MATH 2753 and MATH 3033. An introduction to the techniques of numerical analysis. Applications include finding roots of equations, numerical calculus, matrix methods for solving systems of linear equations, and the numerical solution of differential equations. Error control and algorithm complexity and convergence will be covered. Fall semester, even years.

MATH 4053. Higher Order Thinking in Mathematics. This course will provide pre-service middle level and secondary teachers in grades five through college with examples of lessons incorporating methods appropriate for students with different learning styles. These lessons will emphasize the use of manipulatives, hands-on materials, cooperative learning techniques, and technology. Topics include number sense and number theory, functions, probability and statistics, geometry, and measurement. Spring semester, odd years.

MATH 4073. Introduction to Probability and Statistics. Prerequisite: MATH 2753. A study of the elementary theory of probability with statistical applications. The standard distributions will be applied to sampling theory, confidence intervals, and tests of hypotheses. Problem solving techniques and real-world applications will be stressed. Fall semester.

MATH 4123. History of Mathematics. Prerequisite: MATH 2753. Presents the development of mathematics from antiquity to modern times. Explores how problem solving has spurred mathematical development. Examines the impact of culture on mathematics and the converse. Discusses mathematical literacy and proficiency from a historical perspective. Fall semester, even years.

MATH 4293. Modern Math for Middle School Teachers. Prerequisite: MATH 1023. A study of the mathematics and teaching methods appropriate for the elementary grades. Topics include rational numbers, measurement, and geometry all being learned within a problem solving framework. For elementary education majors only. As needed.

MATH 4393. Geometry for Elementary and Middle School Teachers. Prerequisite: MATH 1023 with a grade of C or above. For elementary education majors only. A study of basic geometric ideas relevant to the elementary and middle school curriculum. Topics include polygons, tessellations, polyhedra, measurement, motions, magnification, symmetry, and topology. Spring semester, even years.

MATH 4601-3. Workshop in Mathematics Education. Restricted to B.S.E. students. Minimum of three hours laboratory required for one hour credit up to a maximum of three hours. As needed.

MATH 4613. Special Topics. Prerequisite: MATH 2753. Special topics of interest to be selected from among the following list: mathematical modeling, operations research, graph theory, dynamic systems, real analysis, etc. As needed.

MATH 4643. Mathematics Internship. Prerequisite: Departmental approval. A structured field experience designed to provide a representative and worthwhile learning experience for the participating student. Requires advanced planning and prior approval. As needed.

Mass Communication (MCOM)

MCOM 1003. Introduction to Mass Communication. Development of communication media in American society, including newspapers, magazines, radio, television, and movies. Emphasis on social, political, and economic interaction of media and society. Fall semester.

MCOM 1051. Yearbook Practicum. Supervised work during one semester on the campus yearbook (*The Mulerider*). Experience in layout techniques, publishing work, and hands-on experience. Fall semester.

MCOM 2051. Yearbook Practicum. Supervised work during one semester on the campus yearbook (*The Mulerider*). Experience in layout techniques, publishing work, and hands-on experience. Spring semester.

MCOM 2123. Digital Image Making. Introduction to computer terminology, file management, network applications, and graphics applications in both PC and Mac environments. Emphasis on instruction using Adobe Photoshop and Adobe Illustrator software programs. Same as ART 2123. Fall semester.

MCOM 2133. Basic Digital Photography. The course will focus on the taking of photographs and the enhancement and printing of photographs from within a digital environment. Topics include terminology/technology, lighting, composition, depth of field, exposure, shutter speeds, lenses, digital file storage, and management and electronic viewing. Student must furnish own digital camera, preferably with manual adjustments for focus, aperture and shutter. Same as ART 2133. Fall, spring semester.

MCOM 3051. Yearbook Practicum. Supervised work during one semester on the campus yearbook (*The Mulerider*). Experience in layout techniques, publishing work, and hands-on experience. Fall semester.

MCOM 3363. Advanced Digital Photography. Open to all majors who desire concentrated exploration in digital photography to further develop their personal artistic growth both process-oriented and conceptual. The student will initiate a problem proposal in written form to receive approval from the supervising art faculty. Six studio hours – classroom and on location. Periodical progress reviews will be established. Spring semester.

MCOM 4003. Media Law and Ethics. Prerequisite: Senior standing or permission of instructor. A study of national and state laws pertaining to mass media and of the ethical guidelines for media personnel. Ethical case studies in news media. Fall semester.

MCOM 4051. Yearbook Practicum. Supervised work during one semester on the campus yearbook (*The Mulerider*). Experience in layout techniques, publishing work, and hands-on experience. Spring semester.

Mass Media (MM)

MM 2003. Reporting and Writing for the Mass Media. Prerequisites: MCOM 1003 or permission, ENGL 1113, and keyboarding ability. Fundamentals for news reporting for print and electronic media. News values, journalism style/grammar, information gathering, and news writing. Spring semester.

MM 3103. Principles of Public Relations. Concept of public relations as management function in business, industry, education, and other institutions. History, practice, and ethics of public relations. Fall semester, even years.

MM 3123. Internet Communication. This course looks at the obvious and not so obvious ways that people, organizations, politicians, governments, and others utilize the Internet for communication and commerce. Spring semester, odd years.

MM 3133. Media and Politics. This course analyzes the decline of traditional media outlets, and the development of new networks, cable outlets, chat-rooms, bloggers, talk radio, Internet sites, and how the media reports politics, how people get political information, and how politicians, political parties, and political organizations use the media to communicate, fund raise, and attempt to influence public opinion. The course will look at American and international politics and media outlets. Spring semester, even years.

MM 3213. Writing for Public Relations and Advertising. Prerequisites MM 2003, MM 3103. Instruction in writing practice to develop the necessary skills needed to produce professional-level editorial/advertising copy required in public relations and advertising. Emphasis will be placed on the different approaches required for various media and audiences. As needed.

MM 3223. Trends in Modern Media. This course will examine current trends and changes in the media and how they will impact its future. Discussions will include the major changes and issues affecting print, broadcast, and cable media, as well as online media. Spring semester, odd years.

MM 3503. Directed Study in Mass Media I. This course will be individually designed to meet the needs of students concentrating in mass media. As needed.

MM 3603. Directed Study in Mass Media II. This course will be individually designed to meet the needs of students concentrating in mass media. As needed.

MM 4013. Publicity, Media, and Campaigns. Prerequisite: MM 3103. Concepts and case studies of public relations campaigns, and utilizing public media to achieve motivation of audiences. Materials and tools for publicity, planning, executing, and evaluating publicity campaigns are presented. (Students enrolled are not allowed to receive financial compensation for work performed for campus media in meeting course requirements.) Spring semester, odd years.

MM 4103. International Public Relations. Prerequisites MM 3103. International public relations is a study of theories, advanced concepts, methods, principals and best practices of public relations as applied to international corporations, small businesses expanding into new markets, international non-profit organizations and local and foreign governments looking to attract business into an area. Spring semester, even years.

MM 4123. International Mass Media. This course looks at issues concerning global journalism, international mass media outlets, and the flow of information through traditional outlets as well as the Internet. The course will also look at the influence of international media outlets, privatization and government control of media outlets, the impact of emerging media outlets in developing countries as well as the commercialization of media outlets. Fall semester, odd years.

MM 4133. Foreign Language Media in America. Focuses on the rise of foreign language (including Spanish, Arabic, Chinese, Korean, Russian and others) media and outlets in America. The course will look at print, satellite, cable, broadcast, and Internet outlets marketed to immigrants, and originating in and out of America. The course will also look at how these emerging markets are used by corporations, politicians, and governments. Spring semester, even years.

MM 4903. Senior Research Project. Prerequisite: Senior standing. To add to the graduate's field of expertise, the student will write an extensive research paper. An oral quiz on the work will be required. Fall, spring semester.

MM 4913. Mass Media Internship. Prerequisites: Completion of 12 hours of upper-level class courses, senior standing, a minimum grade point average of 2.50 or higher, and permission of chair. Structured professional experience in a commercial or non-profit mass media area – newspaper, broadcast, cable, Internet, public relations or other mass media areas. Must be arranged in advance. Fall, spring semester.

Multicultural Studies (MCUL)

MCUL 4003. Teaching People from Other Cultures. Students in this course will address many of the cultural issues and questions that exist in the field of TESOL. Students will explore the complex relationships between cultural values, language and language acquisition, nonverbal behavior, and patterns of reasoning. Students will be introduced to difficult questions about the culturally enriching, perplexing, or even destructive role that the teaching of English plays for English language learners. The ultimate goal of the course is to increase students' intercultural awareness and teaching effectiveness and to decrease culture-based misunderstandings in the intercultural classroom. As needed.

MCUL 4993. Hispanic Life and Culture. Offered concurrently with SPAN 4993. A course offering practical experiences of contemporary Spanish and Spanish-American life and culture. Presentations, films, documentaries, readings, discussions, demonstrations, and dramatizations of cultural interactions. Students will learn to converse about current issues, understand the cultural mores, and function effectively within Spanish and Spanish-American society. Readings and class discussions will be in English. Especially recommended for anyone interested in conducting international business. Does not apply to upper-level Spanish credits required for Spanish major or minor. Students may not receive credit for both MCUL 4993 and SPAN 4993. As needed.

Management (MGMT)

MGMT 3013. Management Science. Prerequisites: MIS 2053 and GBUS 2013 or permission of instructor. Selected operations research techniques and computer utilization of these techniques to solve complex problems. As needed.

MGMT 3023. Organizational Theory and Behavior. A study of organizational theory and human behavior in business organizations. An interdisciplinary analysis of relations of individuals and groups within the organization with special attention paid to management leadership responsibilities. Fall, spring, summer.

MGMT 3063. Managerial Communications. This course examines the principles of effective oral and written communications and provides practice in writing business letters, memos, reports, and resumes; making various types of oral presentations; and enhancing interpersonal communications skills. Fall, spring, summer.

MGMT 3073. Advanced Managerial Communications. Prerequisite: MGMT 3063. The course will focus on the processes involved in management communication and concentrate on ways managers can become more knowledgeable, skilled communicators. Written, verbal, and non-verbal skills will be developed. Spring semester.

MGMT 3983. Business Internship in Management. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to the field of management. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Fall, spring, summer.

MGMT 4023. Entrepreneurship. Guidelines on starting a new business, focusing on the unique problems and circumstances encountered in establishing and operating a small business. Emphasis on the reasons for small business failure and the minimization of those forces. Fall semester.

MGMT 4043. International Business. An introduction to the essentials of international business. Includes topics covering the nature of international business, international organizations and monetary systems, foreign environments, and special management and marketing considerations. Fall, spring, summer.

MGMT 4053. Human Resources Management. Prerequisite: MGMT 3023. The principles, methods, and procedures related to the effective utilization of human resources in organizations. Spring semester.

MGMT 4063. Production and Operations Management. Prerequisite: GBUS 3183. The management of production, including such topics as production costs, quality control, inventory management, time and motion study, layout and location, and selected areas of operations research. Fall, spring, summer.

MGMT 4073. Supply Chain Management. A senior level course that is to be an elective for marketing and management majors. The course reflects the importance of supply chains and channels of distribution in today's business environment. Spring semester.

MGMT 4093. Management Strategy and Policy. Prerequisite: FIN 3003, GBUS 2003, GBUS 3183, MGMT 3023, MKTG 3033, and senior standing. A framework for diagnosis and analysis that enables the student to confront the problems and opportunities of complex business organizations from the viewpoint of the policy makers. A unique combination of text, readings, cases, and integrated simulation to develop the student's ability to make decisions. Fall, spring, summer.

MGMT 4103. Total Quality Management. Prerequisites: MGMT 3023, GBUS 3183, senior standing. The management of total quality as an organization-wide process. The course provides a fundamental, yet comprehensive exploration of total quality management (TQM) that covers not only the principles and practices, but also the tools and techniques. The course focuses on the design, operation, and control of quality systems; implementation approaches; technical issues; strategic importance; and quality improvement tools and their use. Fall semester.

MGMT 4301-3. Special Topics in Management. A study of current issues in the field of human resources and operation management. Selected topics will be introduced from special readings and research. Designed to keep the professional manager abreast in the various fields of management. As needed.

MGMT 4313. International Studies and Field Experience. Prerequisite: Admission to the College of Business. An introduction to the basics of international business combined with a field experience in an international location. The instructor will emphasize culture, business environment, and practices for the country of the field experience. Spring semester as needed.

Management Information Systems (MIS)

MIS 1003. Introduction to Computers. An introduction to basic concepts and vocabulary related to computer systems with the objective of increasing the student's awareness and knowledge of computers, software packages, fundamentals of programming, and computer applications in word processing and spreadsheets. This course is recommended as an elective for students needing a course in computer literacy. Fall, spring semester.

MIS 2053. Business Information Systems. Procedures and concepts of information systems, emphasizing microcomputer application software for word processing, spreadsheets, databases, and presentation software. Fall, spring, summer.

MIS 2073. Desktop Publishing. Prerequisite: MIS 2053. The design, creation, and revision of business documents using desktop publishing software. Terminology, layout techniques, and graphics preparation will be emphasized. As needed.

MIS 2103. Programming Languages and Logic. Computer programming fundamentals taught with Visual BASIC. Fall semester.

MIS 2113. COBOL Programming I. Introduction to computer program design and development using the COBOL language. Spring semester.

MIS 2203. Introduction to Networking I. This course will focus on network topologies, basic network design, beginning router configurations, and introduction to LAN switching. (CISCO) Fall semester.

MIS 2213. Introduction to Networking II. Prerequisite: MIS 2203. This course will focus on advanced router configurations, advanced network design, and advanced network management projects. (CISCO) As needed.

MIS 3003 Website Development for Business and Commerce: Prerequisite: MIS 2053. This course is designed for students interested in the concepts and design of business websites, focusing on Web presence strategies for large and small businesses, key ingredients for successful websites, and Web resources for online commerce. Using a hands-on approach, students will develop a website for an enterprise. Spring semester.

MIS 3063. Accounting Information Systems. Prerequisites: ACCT 2103 and MIS 2053. Study of theories and procedures of designing and implementing accounting information systems with emphasis on transaction cycles, internal controls, and computerized accounting. Same as ACCT 3063. Spring semester.

MIS 3103. Advanced Networking I. Prerequisite: MIS 2213. Concepts of scalable networks, advanced routing procedures using routers connected to both LANs and WANs, security access, remote access, and the construction of scalable routed networks. (CISCO) As needed.

MIS 3203. Advanced Networking II. Prerequisite: MIS 3103. Build multiplayer switched networks using routing procedures and implement internetworking security and troubleshooting. (CISCO) As needed.

MIS 3313. Advanced Programming. Prerequisite: Six hours of programming with a grade of C or better. Concepts of advanced programming including computer utilization, reporting, data validation, sorting, searching, file structures, and business applications. Fall semester.

MIS 3403. Database Management Systems. Prerequisite: Six hours of computer programming. Knowledge and skills in relational database design and development. Work will focus on design concepts, data definition, data manipulation, DBMS functions, and application development. Additional topics include database administration and distributed database architectures. Spring semester.

MIS 3983. Business Internship in Management Information Systems. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to computer information systems. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Fall, spring, summer.

MIS 3993. Virtual Internship in Management Information Systems. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to information systems conducted through a virtual partnership with corporate sponsors. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Participants in this program are selected by corporate sponsors. Fall, spring semester.

MIS 4001-3. Special Topics in MIS I. A course directed toward innovative technological changes and software development in business and industry. Specific topics selected by instructor. As needed.

MIS 4011-3. Special Topics in MIS II. A course directed toward innovative technological changes and software development in business and industry. Specific topics selected by instructor. As needed

MIS 4103. Managing Information and Technology. Prerequisite: Senior standing in the College of Business. A study of the impact of information systems and technology on organizational management. This course will address current issues in information technology and the impact of technology on decision making. Fall, spring, summer.

MIS 4213. Systems Analysis and Design. Prerequisite: MIS 3403 or MIS 3063. Theory and skills in analysis and design of business information systems. Emphasizes the systems development life cycle, requirements analysis, tools and techniques for documenting information systems, and the design and implementation aspects of transaction processing in business. Includes CASE tools and object-oriented analysis and design. Fall semester.

MIS 4303. Enterprise Information Systems. Prerequisites: Senior standing. Senior capstone course for MIS majors to study the systems for organizing and controlling information flows within business organizations for effective decision making. Spring semester.

Marketing (MKTG)

MKTG 3033. Principles of Marketing. A study of the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods, and services to create exchanges that satisfy individual and organizational objectives. Fall, spring, summer.

MKTG 3063. Consumer Behavior. Prerequisite: MKTG 3033. A study of the buying habits and preferences of consumers; models for explaining and predicting consumer and marketing behavior and consumer movements; and attitudes with implications for marketing management policies and the business economy. Fall semester.

MKTG 3103. Selling and Sales Management. Prerequisite: MKTG 3033. A study of selling and sales management, including developing the selling function, strategic sales planning, building a sales program, and controlling the sales force. Selling and sales management cases will be utilized. Spring semester.

MKTG 3983. Business Internship in Marketing. Prerequisites: Junior standing and approval of the Internship Committee. A structured field experience relevant to

marketing. Each internship is designed to provide a representative and meaningful learning experience for the participating student. Fall, spring, summer.

MKTG 4023. Marketing Research. Prerequisites: MKTG 3033, GBUS 3183, and senior class standing. A study of the process of designing, collecting, organizing, interpreting, and presenting data related to the planning and executing of the conception, pricing, promotion, and distribution of ideas, goods, and services. Fall semester.

MKTG 4043. Retailing. Prerequisite: MKTG 3033. A study of the business activity of selling goods or services to the final consumer, basic retailing practices and procedures, and managing the buying, pricing, promotion, layout, security, and location of the retail organization. Fall semester.

MKTG 4053. Integrated Marketing Communications. Prerequisite: MKTG 3033. A study of the promotional mix: advertising, sales promotion, personal selling, and public relations. Ethics and truth in advertising will be emphasized. Spring semester.

MKTG 4073. Supply Chain Management. A senior level course that is to be an elective for marketing and management majors. The course reflects the importance of supply chains and channels of distribution in today's business environment. Spring semester.

MKTG 4103. Marketing Management. Prerequisites: MKTG 3033 and MKTG 3063. An integration of previous marketing coursework. A study of the process of analyzing marketing opportunities. Spring semester.

MKTG 4301-3. Special Topics in Marketing. A series of one-hour courses which introduce continuing education students, graduates, or industry persons to marketing topics not normally taught as regular courses, giving students information that can enhance their jobs or professional development and familiarizing them with the newest developments in marketing. As needed.

MKTG 4893. Independent Study. Prerequisites: Senior standing and permission of major advisor and instructor. Research and independent investigation in areas of marketing under the supervision of the instructor. Areas of study might include marketing history, marketing theory, marketing strategy, non-profit marketing, services marketing, pricing, product, management, international marketing, industrial marketing, direct marketing, telemarketing, public relations, wholesaling, logistics, transportation channels, ethics in marketing, and other topics. As needed.

Digital Media Production (MPRO)

MPRO 1301,2301,3301,4301. Digital Media Production Practicum. Prerequisite: Permission of instructor. Practical production experiences in digital media. Open to Digital Media majors and minors. Each course may be taken for credit once only. Fall, spring semester.

MPRO 2333. Audio and Video Production I. An introductory course in audio and video production for radio, video, film and music recording and on-line streaming, including principles, equipment, pre-production, production and post-production. Fall semester.

MPRO 2403. Electronic Media Design. This introductory course will provide a study of graphics, typography, layout, design and related creative techniques for a variety of media production applications. Fall semester.

MPRO 2503. Visual Communication. This course explores the theories of perception, methods of analysis of visual media, the principles and strategies of visual communication emphasizing critical thinking about the role and function of media in society. Fall semester.

MPRO 3333. Audio and Video Production II. Prerequisite: MPRO 2333. This course will provide advanced production techniques for radio, video, film, on-line streaming, and music recording, from conception through completion, emphasizing multi-track, non-destructive, and non-linear production. Special emphasis would be given to the production of audio and video outside a studio setting. Spring semester.

MPRO 3403. Advanced Electronic Media Design. Prerequisite: MPRO 2403. This advanced course would offer the theory and principles of electronic media design from conception to completion, for a variety of media production applications emphasizing multimedia. Spring semester.

MPRO 3503. Directed Study in Media Production. Prerequisite: Permission of instructor. Individually designed course designed to meet the needs of students concentrating in media production. Fall semester as needed.

MPRO 3603. Directed Study in Media Production II. Prerequisite: Permission of instructor. Individually designed course designed to meet the needs of students concentrating in media production. Spring semester as needed.

MPRO 4203. Scriptwriting. This writing course would provide the student with instruction about the preparation of scripts for all long-program formats, with emphasis on writing and marketing radio, television, and film drama and documentaries. Spring semester as needed.

MPRO 4703. Senior Portfolio Review. Prerequisite: Senior standing and permission of media production faculty. Students will create a senior portfolio for the purpose of employment or graduate school admission. Emphasis will be placed creating the portfolio using advanced DVD authoring and advanced Web page design techniques. Spring semester as needed.

MPRO 4903. Senior Production Projects. Prerequisite: Senior standing and permission of media production faculty. The student under the supervision of the media production faculty will create multiple audio and video projects. The projects are to be decided upon by the student and the instructor before the student enrolls in the course. The projects should demonstrate the student's professional abilities and strengths as related to media production. Example projects include, but are not limited to, podcasts, radio and television commercials, music videos, short documentaries, short films, promotional videos, and Web pages. Fall, spring semester.

MPRO 4913. Media Production Internship. Prerequisites: Completion of 12 hours of upper-level mass communications coursework and approval of academic advisor. Field

experience under the general supervision of a faculty member and the direct supervision of a media production professional, with academic components including a final paper and presentation. Fall, spring semester.

Music

Applied Music: Course numbers 1001-4001 are intended for elective credit and for music minors. Course numbers 1002-4002 are intended for music majors and music minors. (The following course prefixes will apply to specific instruments.)

MABS-1001-4001, 1002-4002. Bassoon. One or two hours credit. Fall, spring semester.

MACL-1001-4001, 1002-4002. Clarinet. One or two hours credit. Fall, spring semester.

MACP-1001. Beginning Class Piano. One hour credit. Fall, spring semester.

MACP-1101. Continued Class Piano. One hour credit. Spring semester.

MACV-1211, 3211. Class Voice. One hour credit. Fall semester.

MACV-1221, 3221. Advanced Class Voice. One hour credit. Spring semester.

MAEU-1001-4001, 1002-4002. Baritone/Euphonium. One or two hours credit. Fall, spring semester.

MAFH-1001-4001, 1002-4002. French Horn. One or two hours credit. Fall, spring semester.

MAFL-1001-4001, 1002-4002. Flute. One or two hours credit. Fall, spring semester.

MAGU-1001-4001, 1002-4002. Guitar. One or two hours credit. Fall, spring semesters.

MAOB-1001-4001, 1002-4002. Oboe. One or two hours credit. Fall, spring semester.

MAOR-1001-4001, 1002-4002. Organ. One or two hours credit. Fall, spring semester.

MAPC-1001-4001, 1002-4002. Percussion. One or two hours credit. Fall, spring semester.

MAPI-1001-4001, 1002-4002. Piano. One or two hours credit. Fall, spring semester.

MASA-1001-4001, 1002-4002. Saxophone. One or two hours credit. Fall, spring semester.

MAST-1001-4001, 1002-4002. Strings. One or two hours credit. Fall, spring semester.

MATP-1001-4001, 1002-4002. Trumpet. One or two hours credit. Fall, spring semester.

MATR-1001-4001, 1002-4002. Trombone. One or two hours credit. Fall, spring semester.

MATU-1001-4001, 1002-4002. Tuba. One or two hours credit. Fall, spring semester.

MAVC-1001-4001, 1002-4002. Voice. One or two hours credit. Fall, spring semester.

Middle School Education (MSED)

MSED 3023. Integrating Art, Music and HKR into Language Arts/Social Studies.

The focus of this course is integration of art, music, and HKR into the middle level language/social studies curriculum. The course will be taught in three, five-week modules. Students will develop lesson plans that integrate art, music, and HKR into language/social studies units of instruction. Each module will include a field experience. Fall semester.

MSED 3033. Integrating Art, Music and HKR into School Math/Science. The focus of this course is integration of art, music, and HKR into the middle level math/science curriculum. The course will be taught in three five-week modules. Students will develop lesson plans that integrate art, music, and HKR into math/science units of instruction. Each module will include a field experience. Fall semester.

MSED 3043. Integrated Language Arts. A comprehensive study of the connectedness of the language arts and the importance of language arts to other academic areas. Using an integrated teaching approach is vital for all teachers of middle school students. Fall semester.

MSED 3053. Integrated Curriculum. This course examines history, current trends, standards and competencies, philosophies, and the future of curriculum at the middle level. Interdisciplinary and cross-disciplinary curricular integration are examined. Integrated Curriculum includes an internship that places students into a workplace setting to experience real-life application and integration of the content in their area of specialization. “What will I teach?” and “How will I know what to teach?” are questions pre-service teachers will be able to answer through Integrated Curriculum. Fall semester.

MSED 3124. Pedagogy for Integrated Language Arts/Social Studies. Praxis II is the second course in the Praxis series. The question, “What will I teach?” is answered in this course. Students explore state and national curricular frameworks and develop curricula that integrate standards with middle level concepts. Integrated curricula emphasizes content that addresses important questions of adolescents and social issues of the greater society situating content in a meaningful problem-focused context. As needed.

MSED 3131. Science and Technology Lab. As needed.

MSED 3134. Pedagogy for Integrated Math/Science. Praxis II is the second course in the Praxis series. The question, “What will I teach?” is answered in this course. Students explore state and national curricular frameworks and develop curricula that integrate standards with middle level concepts. Integrated curricula emphasizes content that addresses important questions of adolescents and social issues of the greater society situating content in a meaningful, problem-focused context. As needed.

MSED 4006. Student Teaching I. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades 4-8. Student teaching semester will total 12 hours, including enrollment in EDUC 4003 Student Teaching Seminar. Fall, spring semester.

MSED 4013. The Middle School Concept. Candidates develop models of middle level schooling, contexts, and explore early adolescent educational sociology. Develop lessons that demonstrate an emphasis on the relationship between characteristics of transient students, society, and schooling. Candidates develop a middle level philosophy which reflects the philosophical foundations of middle level education. Fall semester.

MSED 4023. Middle Level Field II. The third course in the Praxis series focuses on collaboration within the community of educational stakeholders, teaching as a profession, reflective practice and action research. Students answer the questions: “How do I evaluate/assess my own teaching?” and, “How can my professional practice grow to continually meet the dynamic needs of learners in an era of accelerating change?” in this course. Praxis III includes an extended field experience in a school setting and requires students to work collaboratively with host teachers to conduct an action research project based on the students work in the classroom setting. Fall, spring semester.

MSED 4103, 4016. Student Teaching II. Prerequisites: Senior standing and consent of College of Education dean. See also Student Teaching Requirements. Students may be assigned to any one of grades 4-8. Student teaching semester will total 12 hours, including enrollment in EDUC 4003 Student Teaching Seminar. Fall, spring semester.

MSED 4033. The Middle School Student. The physical, social, emotional, intellectual, and moral characteristics of the developmental period of early adolescence within social and cultural contexts are examined. The changes in family settings, social contexts, threats to health and safety and risk behaviors in contemporary society that affect health and development to young adolescents are explored. As needed.

Music Education (MUED)

MUED 1000. Concert and Recital Attendance. For music majors, the course facilitates required attendance at concerts and recitals as a step toward learning music literature and performance practice. Students must register for the course and receive a grade of *CR* each semester for up to six semesters. The number of concerts and recitals needed to receive a grade of *CR* each semester will be posted by the department chair. Fall, spring semester.

MUED 3001. Brass Methods. A pedagogy course designed to prepare music education majors with the resources and techniques needed to instruct beginning and intermediate brass players in the public schools. One hour credit. Alternate spring semester.

MUED 3002. Choral Conducting. Conducting and rehearsal techniques, performance styles, choral literature, and programming. Score study and conducting of choral and instrumental groups also included. Two hours credit. Alternate spring semester.

MUED 3011. Woodwind Methods. A pedagogy course designed to prepare music education majors with the resources and techniques needed to instruct beginning and

intermediate woodwind players in the public schools. One hour credit. Alternate spring semester.

MUED 3012. Instrumental Conducting. Designed for the instrumental music education major. Includes the study of basic conducting techniques, score preparation, and band literature. Two hours credit. Alternate spring semester.

MUED 3021. Percussion Methods. A pedagogy course designed to prepare music education majors with the resources and techniques needed to instruct beginning and intermediate percussion players in the public schools. One hour credit. Alternate spring semester.

MUED 3031. Instrumental Survey. The study will include a history of the instruments, method books, mouthpiece numberings, effective playing ranges, techniques and fingerings for brass and woodwind, and rudiments for percussion. For vocal and keyboard majors. One hour credit. Alternate spring semester.

MUED 3053. Methods and Administration of Elementary School Music. For music majors only or with consent of instructor. Administration, methods, and materials for public school music at the elementary school level. Three hours credit. Spring semester.

MUED 3061. String Methods. A pedagogy course designed to prepare music education majors with the resources and techniques needed to instruct beginning and intermediate string players in the public schools. One hour credit. Alternate fall semester.

MUED 3093. Public School Music Methods. Methods and materials for the teaching and integration of music in the elementary school setting. Intended for early childhood majors. Three hours credit. Fall, spring, summer.

MUED 3172. Marching Band Techniques. The study of computer-assisted drill design, literature selection, and administrative considerations for the contemporary marching band. Two hours credit. Alternate fall semester.

MUED 3203. Media Applications: Orchestration and Arranging. Designed to acquaint students with the rudiments of writing for vocal and instrumental ensembles, including band and orchestra. Theoretical knowledge of instruments such as pitch ranges, proper notation, and idiomatic characteristics are studied. MIDI technology is used in the learning and application of orchestration and arranging techniques. Three hours credit. Alternate spring semester.

MUED 3212. Methods and Materials of Instrumental Music. Designed to enable the instrumental music education major to build and maintain a highly organized, well-balanced music education program. Continued study of rehearsal techniques and band literature is included. Two hours credit. Alternate fall semester.

MUED 3233. Methods and Materials in Choral Music. Designed for vocal music education majors. The course will include topics such as diction, language pronunciation, and building and maintaining a choral program. Continued study of

rehearsal techniques and choral literature is included. Three hours credit. Alternate spring semester.

Music Ensemble (MUEN)

Enrollment in any MUEN course requires an audition before the appropriate faculty and permission of the instructor.

MUEN 1051, 3051. Marching Band. Concentrates on the preparation and performance of contemporary marching band drill and literature. One hour credit. Fall semester.

MUEN 1061, 3061. Chamber Singers. Select ensemble with enrollment determined by audition. This ensemble will be devoted to chamber choral literature. One hour credit. Fall, spring semester.

MUEN 1071, 3071. Instrumental Ensemble. Chamber music study and performance in appropriate combinations for all instrumentalists. One hour credit. Fall, spring semester.

MUEN 1081, 3081. Jazz Band. The study of standard and contemporary repertoire with opportunities for individual improvisation and ensemble jazz experience. One hour credit. As needed.

MUEN 1141, 3141. Heritage Singers. Concentrates on choral literature of varied styles from each major historical period. A select ensemble with a vigorous performance schedule. Membership is by audition only. One hour credit. Fall, spring semester.

MUEN 1151, 3151. Symphonic Wind Ensemble. The study and performance of a variety of standard and contemporary literature for winds and percussion. One hour credit. Spring semester.

MUEN 1171, 3171. Concert Band. The study and performance of advanced concert band literature. For interested instrumentalists during the spring semester. One hour credit. Spring semester.

MUEN 3091. Dixieland Jazz Band. The study of standard repertoire with opportunities for individual improvisation and Dixieland jazz ensemble experience. Students will be afforded the opportunity to perform in small jazz chamber groups such as trios and quartets. One hour credit. As needed.

Literature and History of Music (MULI)

MULI 1013. Introduction to Music. A study of music literature, composers, styles, and periods. Approach is through selected compositions of major composers from 1600 to the present. Emphasis is on listening. Three hours credit. Spring semester.

MULI 4003, 4103. History of Music I, II. Prerequisites: MULI 1013, MUTH 2103, and MUTH 2111. A survey of music from ancient Greece to the present with an emphasis on performance practice and styles. Listening to stylistic performances is an integral part of the course. Three hours credit. Music I, fall semester. Music II, spring semester.

MULI 4891-3, 4991-3. Independent Study in Music Literature. Prerequisite: Consent of department chair. Advanced study in chosen areas of music literature. Each course may be taken once for a maximum of three semester hours each. One to three hours credit. As needed.

Music (MUS)

MUS 2013. Music Appreciation. Designed for the general student, the course presents music as part of man's cultural heritage. Topics include basic terms, forms, styles, and periods. Approach is primarily through listening. Three hours credit. Fall, spring semester.

Music Recital (MUSR)

MUSR 4000. Senior Recital. Fall, spring semester.

Theory of Music (MUTH)

MUTH 1003, 1103. Written Theory I, II. MUTH 1003 is prerequisite for MUTH 1103. A study of traditional harmony through dominant seventh chords, ornamental tones, borrowed dominants, and introduction to modulation. Three hours credit. Written Theory I, spring semester. Written Theory II, fall semester.

MUTH 1011, 1111. Applied Theory I, II. MUTH 1011 is prerequisite for MUTH 1111. Sight-singing and ear training. A study of scales, rhythms, intervals, and triads. One hour credit. Applied Theory I, spring semester. Applied Theory II, fall semester.

MUTH 1093. Fundamentals of Music Theory. An introduction to scales, intervals, elementary harmonic structure, rhythm and sight reading. For music majors and minors not ready for Written Theory I. Three hours credit. Fall semester.

MUTH 2003, 2103. Written Theory III, IV. Prerequisite: MUTH 1103. MUTH 2003 is prerequisite for MUTH 2103. A study of the relationship of chords as used in the development of a composition. Other topics include analysis, transpositions, part-writing, melodic harmonization, and contrapuntal techniques. Three hours credit. Written Theory III, spring semester. Written Theory IV, fall semester.

MUTH 2011, 2111. Applied Theory III, IV. Prerequisite: MUTH 1111. MUTH 2011 is prerequisite for MUTH 2111. A continuation of Applied Theory II with more complex elements introduced through singing and dictation. One hour credit. Applied Theory III, spring semester. Applied Theory IV, fall semester.

MUTH 3012. Form and Analysis. Prerequisites: MUTH 2103 and MUTH 2111. Melodic, rhythmic, harmonic, and formal analysis of selected works by representative composers. Two hours credit. Spring semester.

MUTH 4891-3, 4991-3. Independent Study in Music Theory. Prerequisite: Consent of the department chair. Advanced study in chosen areas of music theory. Each course may be taken once for a maximum of three semester hours each. One to three hours credit. As needed.

Nursing (NURS)

NURS 1001. Clinical Calculations. Corequisite: NURS 1207 or NURS 1417. This is a 7 ½ week web enhanced didactic course offering two major drug calculation methods (ratio proportion, and dimensional analysis). This must be completed with a C or higher

to continue in NURS 1207 or NURS 1417. The online portion encourages interactive self-assessment activities which allow students to apply their knowledge in context. This course will provide the required skills needed for accurate and safe medication calculation and administration. Fall semester.

NURS 1201, 1211, 2101, 2111. STEPS for Success. The course will focus on strategies for integrating core nursing knowledge into successful completion of nursing courses and meeting the required minimum score on a standardized end of course examinations. Students will identify individualized strategies for a plan of study to implement with each nursing course. Areas of study will include learning styles, reading skills, listening and communication techniques, critical thinking, testing taking tips, study guidelines, time management, and stress management. Opportunities to understand and practice the learned skills will be incorporated into the course through weekly assignments. Students will take NCLEX-RN review practice examinations to prepare for end of course standardized specialty examinations. This course is required for students repeating any nursing course due to failing grade or those students who do not successfully complete end of course specialty standardized exams. As needed.

NURS 1207. Care of the Non-Acute Individual. Corequisite: NURS 1001. Focuses on acquiring basic nursing concepts and skills to meet the physiological, psychological, spiritual, cultural and developmental needs of the non-acute individual across the lifespan. Students are introduced to the nursing process and apply basic nursing interventions to meet the needs of the stable individual. Composed of four hours/week lecture and nine hours/week clinical component. (seven credit hours are divided into four credit hours lecture and three credit hours clinical learning experiences, which is a 1:3 ratio, or nine clinical contact hours/week for 15 weeks). Fall semester.

NURS 1217. Women's Health and Care of the Neonate: Prerequisites: NURS 1001, NURS 1207. Introduces principles of reproductive and neonatal nursing while expanding on the foundational concepts from NURS 1207 and NURS 1001. The nursing process is utilized to provide family-centered care to neonates and women across the lifespan. Domestic violence, STD's, and AIDS are integrated into the course. Composed of four hours/week lecture component and nine hours/week clinical component. (seven credit hours are divided into four credit hours lecture and 3 credit hours clinical learning experiences, which is a 1:3 ratio, or nine clinical contact hours/week for 15 weeks). Spring semester.

NURS 1417. LPN to RN Transition. Corequisite: NURS 1001. Designed to assist the licensed practical nurse (LPN) in transition to the role of the associate degree nurse (RN) preparation. This course builds upon foundational knowledge from the LPN curriculum while incorporating skills and concepts from NURS 1207 and NURS 1217. The nursing process is utilized to provide family-centered care to non-acute individuals, neonates, and women across the lifespan. Composed of four hours/week lecture component and nine hours/week clinical component, (seven credit hours is divided into four credit hours lecture and three credit hours clinical learning experiences, which is a 1:3 ratio, or nine clinical contact hours/week for 15 weeks). Spring semester.

NURS 2018. Medical/Surgical Nursing I. Prerequisites: CHEM 1013/1011, BIOL 2061/2063, BIOL 2071/2073, BIOL 3022/3032, NURS 1217 or NURS 1417. Co-requisites: NURS 2223, NURS 2401. Advances knowledge in medical surgical nursing while integrating content from foundational courses. Emphasis is on enhancing critical

thinking skills in the application of the nursing process for adults and families/groups whose pathophysiological health alterations require evidence-based nursing care. Physiological, psychosocial, cultural, and developmental considerations for clients with specific medical/surgical problems are included. Composed of five hours/week lecture component and nine hours/week clinical component, (eight credit hours is divided into five credit hours lecture and three credit hours clinical learning experiences, which is a 1:3 ratio, or nine clinical contact hours/week for 15 weeks). Fall semester.

NURS 2131-4. Special Topics. Integrates concepts and skills from a variety of nursing topics to build a broader foundation for the nursing major. Enrollment must be pre-approved by Department Chair. (Credit: 1-4 credit hours.) As needed.

NURS 2143. Care of the Child. Prerequisites: NURS 2018, NURS 2223, NURS 2401. Corequisite: NURS 2208, NURS 2411. Integrates child health principles and practices with the emphasis on growth and development and the need to establish family-centered nursing plans of care. Students learn to adapt concepts from previous nursing courses to organize care for the child. Spring semester.

NURS 2208. Medical/Surgical Nursing II. Prerequisites: NURS 2018, NURS 2223, NURS 2401. Corequisites: NURS 2143, NURS 2411. Validates and expands prior learning and critical thinking skills. Emphasis is on evaluating the effectiveness of the nursing process for adult individuals and families/groups whose health alterations are associated with pathophysiology requiring evidence-based medical/surgical nursing care. Clinical experiences allow for synthesis of the nursing process with exposure to basic nursing management skills. Physiological, psychosocial, cultural, and developmental considerations for clients with medical/surgical problems are included. Composed of five hours/week lecture component and nine hours/week clinical component, (eight credit hours is divided into five credit hours lecture and three credit hours clinical learning experiences, which is a 1:3 ratio, or nine clinical contact hours/week for 15 weeks). Spring semester.

NURS 2223. Care of the Individual's Mental Health. Prerequisites: NURS 1217 or NURS 1417. Corequisite: NURS 2018 and NURS 2401. Focuses on nursing care of individuals who are experiencing mental health disorders which may impact their ability to function in society. Psychosocial, developmental, and physiological needs of the mental health client are examined across the lifespan. Application of therapeutic communication techniques are emphasized as students apply the nursing process to care for individuals experiencing mental health disorders. Fall semester.

NURS 2401 Pharmacology I. Prerequisites: NURS 1217 or NURS 1417; Corequisite: NURS 2018, NURS 2223. Focuses on health promotion through medication monitoring and patient education. Fall semester.

NURS 2411 Pharmacology II. Prerequisites: NURS 2018, NURS 2223, NURS 2401. Corequisite: NURS 2208, NURS 2143. Focuses on health promotion through medication monitoring and patient education. Spring semester.

NURS 3001. Orientation for Online RN-BSN Completion Program. Introduces students to the Department of Nursing's mission, philosophy, governance structure, and student handbook. In addition, it provides an overview of the RN-BSN curriculum and

skills necessary for academic success in the program. Concepts that will be addressed include online classroom, resource utilization, writing guidelines, and professional concepts representative of baccalaureate education. Fall, spring semester.

NURS 3003. Health Assessment. Prerequisite or Corequisite: NURS 3001. Validates previous assessment skills obtained at the associate degree level as well as builds a broader foundation of knowledge, skills, and attitudes necessary to perform a thorough, accurate, and professional client assessment. Fall semester. Spring semester as needed.

NURS 3013. Issues and Trends in Nursing. Prerequisite or Corequisite: NURS 3001. A presentation of historical, political, legal, ethical, and cultural underpinnings affecting the nursing profession. Addresses the evolution, current status, and future direction of nursing education and practice. Spring semester.

NURS 3035. Community Health Nursing. Prerequisite: NURS 3043. Corequisite: NURS 3001, NURS 3003. Designed to provide a theoretical basis for community health nursing and public health practice with individuals, families, and communities, (5 credit hours is divided into 3 credit hours lecture, and two credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week). Fall semester.

NURS 3043. Introduction to Nursing Research. Prerequisite or Corequisite: NURS 3001. Familiarizes the student with the process of scientific inquiry including systematic, practical, and ethical issues relevant to the research process in nursing. Emphasis is on understanding research methodology, basic statistical methods, and evaluating the scientific integrity of nursing literature. Fall semester. Spring semester as needed.

NURS 3053. The Business of Health Care. Prerequisite or Corequisite: NURS 3001. This course introduces baccalaureate students to the business aspects of the health care delivery systems including the philosophy of managed care, economics and financing of health care, administrative structures, and quality improvement. Fall semester.

NURS 3083. Foundations of Mental Health Nursing. Prerequisite: NURS 3093, NURS 3103, NURS 3203, NURS 3206. Corequisite: NURS 3303, NURS 3306, NURS 3403. This course focuses on the nursing care of individuals who are experiencing mental health disorders. Students are provided the opportunity to analyze theories, concepts, research, and issues and trends in psychiatric-mental health nursing. Focus is on internal and external factors affecting the mental health of clients. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness care, and rehabilitation of clients experiencing psychiatric-mental health concerns. Spring semester.

NURS 3093. Techniques of Health Assessment. Prerequisite: Junior standing and admission into the program. Corequisite: NURS 3103, NURS 3203, NURS 3206. Knowledge and skills necessary to conduct a comprehensive health assessment for individuals across the life span are presented, including history taking, review of systems, and physical examination techniques. Emphasis is placed on integrating theoretical knowledge with psychomotor assessment skills to equip students for entry level practice. Fall semester.

NURS 3103. Gerontological Nursing. Prerequisite: Junior standing and admission into the program. Corequisite: NURS 3093, NURS 3203 and NURS 3206: Nursing

principles relevant to the care of the geriatric client are introduced. The physiological, sociological, and psychological responses to aging are addressed. The role of the nurse as provider of care and interdisciplinary team member are emphasized as related to care of the older adult in a variety of settings. Nursing process serves as the basis for delivery of care to the aging population. Fall semester.

NURS 3203. Pharmacology. Prerequisite: Junior standing and admission into the program. Corequisite: NURS 3093, NURS 3103 and NURS 3206. Introduces principles of pharmacology, including drug classification, actions, and metabolism. Students will be expected to demonstrate mastery of dosage calculations. The role of the nurse in safe medication administration and client education is emphasized. Fall semester.

NURS 3206. Nursing Care I – Foundations. Prerequisite: Junior standing and admission into the program. Corequisite: NURS 3093, NURS 3103, NURS 3203. Essential knowledge, attitudes, and skills for professional nursing practice are presented. Principles of physical, biological, and behavioral sciences are integrated with theoretical nursing knowledge to provide the basis of professional nursing care of individuals in various settings. The nursing process provides the basis for organizing the care of clients. The campus laboratory and a variety of health care settings provide opportunities for integration of theory and practice. (6 credit hours are divided into 4 credit hours lecture, and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week). Fall semester.

NURS 3303. Pathophysiology for Nurses. Prerequisite: NURS 3093, NURS 3203, NURS 3206, NURS 3103. Corequisite: NURS 3306, NURS 3403, NURS 3083. Provides an overview of pathophysiological mechanisms of disease states. Processes of abnormal physiology in body systems are presented using commonly occurring diseases as illustrations. Principles of genetics, immunology, and research findings are applied to analyze clinical nursing implications and client outcomes. Spring semester.

NURS 3306. Nursing Care II – Acute Care. Prerequisite: NURS 3093, NURS 3203, NURS 3206, NURS 3103. Corequisite: NURS 3083, NURS 3303, NURS 3403. The development of nursing knowledge and skills appropriate for individuals experiencing acute health deviations is emphasized. Building upon previous theory and skills, a nursing process approach is used to plan and deliver evidence-based nursing care to individuals across the lifespan. Client education is emphasized. The campus laboratory, as well as acute care settings, provides opportunities for integration of theory to practice. (6 credit hours are divided into 4 credit hours lecture, and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week. Spring semester.

NURS 3403. Nursing Research for Evidence Based Practice. Prerequisite: NURS 3093, NURS 3103, NURS 3203, and NURS 3206. Corequisites: NURS 3083, NURS 3303, and NURS 3306. Familiarizes students with the process of scientific inquiry, including systematic, practical, and ethical issues relevant to the nursing research process. Emphasis is on understanding research methodology, critiquing nursing research, and evidence based nursing practice. Spring semester.

NURS 4011. Synthesis of Nursing Concepts. Prerequisite: NURS 4093, NURS 4105, NURS 4207. Corequisite: NURS 4205, NURS 4303, NURS 4306. This course is designed to assist students in preparing for a standardized exit exam and the licensure

examination for Registered Nurses (NCLEX-RN). Students are expected to obtain a minimum stand (as included in the course syllabus) on a comprehensive, standardized exit examination given near the end of the semester. Spring semester.

NURS 4015. Leadership and Management. Prerequisite: NURS 3003; NURS 3043. Explores the role of the baccalaureate nurse in using leadership and management theories, and organizational structure as frameworks for managing the delivery of nursing care for individuals and families and groups. Spring semester. As needed.

NURS 4065. Advanced Adult Health Nursing. Prerequisite: NURS 3043; Corequisite: NURS 3001; NURS 3003. Implementation of the baccalaureate role in diverse health care settings with emphasis on providing evidence-based, accessible, collaborative, affordable, and personalized care using the nursing/research process (five credit hours is divided into three credit hours lecture, and two credit hours clinical learning experiences, which is a 1:3 ratio, or six clinical contact hours/week). Spring semester. As needed.

NURS 4093. Contemporary Issues and Ethics in Nursing. Prerequisite: NURS 3083, NURS 3306, NURS 3403, NURS 3303. Corequisite: NURS 4207, NURS 4105. A presentation of historical, political, legal, ethical, and cultural underpinnings affecting the nursing profession. Addresses the evolution, current status, and future direction of the profession of nursing. Fall semester.

NURS 4101-4. Advanced Topics in Nursing I. Prerequisites: Associate degree or Diploma in Nursing and consent of Department Chair. Focuses on advanced concepts and skills associated with the role of the baccalaureate nurse. Designed to encourage creative independent study with the supervision of a faculty preceptor. One to four hours credit depending on the nature and extent of the topic. As needed.

NURS 4105. Foundations of Community Health Nursing. Prerequisite: NURS 3083, NURS 3303, NURS 3306, NURS 3403; Prerequisites: NURS 4207, NURS 4093. This course expands the focus of nursing to the community and populations by providing a theoretical basis for community health nursing and public health practices. Students participate in home visits, health screenings, and health promotions/educational activities. The course addresses environmental health, safety, disaster response, epidemiology, and communicable diseases affecting the health of individuals, families, and communities. (5 credit hours are divided into 3 credit hours lecture, and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week). Fall semester.

NURS 4201-4. Advanced Topics in Nursing II. Prerequisites: Associate degree or Diploma in Nursing and consent of Department Chair. Focuses on advanced concepts and skills associated with the role of the baccalaureate nurse. Designed to encourage creative independent study with the supervision of a faculty preceptor. One to four hours credit depending on the nature and extent of the topic. As needed.

NURS 4205. Leadership and Management in Nursing Practice. Prerequisite: NURS 4093, NURS 4207, NURS 4105. Corequisite: NURS 4011, NURS 4303, NURS 4306. Explores the role of the baccalaureate nurse in using leadership and management theories, and organizational structure as frameworks for managing the delivery of nursing care for individuals and families/groups. (5 credit hours are divided into 3 credit hours

lecture and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week). Spring semester.

NURS 4207. Nursing Care III – Childbearing and Pediatrics. Prerequisite: NURS 3083, NURS 3303, NURS 3306, NURS 3403. Corequisite: NURS 3093, NURS 4105. Principles of reproductive, neonatal, and pediatric nursing are introduced. The course focuses on family development, childbearing experience, and the child's unique responses to the internal and external environment. Students collaborate with members of the interdisciplinary health care team to develop family centered nursing plans of care. The campus laboratory setting as well as hospital, and outpatient settings provide the opportunity for integration of theory to practice. (7 credit hours are divided into 5 credit hours lecture, and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week). Fall semester.

NURS 4303. Nursing Informatics. Prerequisite: NURS 4093, NURS 4105, NURS 4207. Corequisite: NURS 4205, NURS 4011, NURS 4306. Students are introduced to the broad use of informatics in the area of nursing and health care. Topics will include but are not limited to electronic medical records, portable health records, careers in nursing informatics, clinical practice guidelines, and the use of informatics in the delivery of evidence-based care. Legal and ethical issues associated with informatics are addressed. Spring semester

NURS 4306. Nursing Care IV – Complex Care. Prerequisite: NURS 4093, NURS 4105, NURS 4207. Corequisite: NURS 4205, NURS 4111, NURS 4303. The development of nursing knowledge and skills appropriate for individuals experiencing complex health deviations across the continuum of care is emphasized. Opportunities to collaborate with member of the health care team to provide holistic, evidence-based nursing care to families and patients with complex health care needs are provided. Students are expected to demonstrate synthesis of knowledge from previous courses through the delivery of safe, effective care to acutely ill individuals in hospitals and other agencies. (6 credit hours are divided into 4 credit hours lecture, and 2 credit hours clinical learning experiences, which is a 1:3 ratio, or 6 clinical contact hours/week. Spring semester.

Physical Education Activity (PHED)

PHED 1001-1561. Activities. One credit hour of physical education activity is required of all college students. Instruction and practice in sports and activities which contribute to present and future recreational needs, organic development, and fitness of the student. Instruction in the rules, strategies, social behaviors, and techniques of individual, dual, and team sports, folk, social, and square dancing, swimming and aquatics, conditioning and therapeutic activities, and other games and sports. No more than four credits allowed toward graduation. Two one-hour laboratories each week. .

PHED 1501. Concepts of Physical Activity and Wellness. This course is a scientific approach. The course is designed primarily as an introductory course at the college level to provide the student with scientifically based knowledge concerning physical fitness activities with concise and factual presentation with regard to the why, how, and what of exercise and physical activity for fitness and wellness. Lab sessions precede each outlined section. Fall, spring, summer.

PHED 1511. Exercise and Fitness for the Older Adult - Land Exercise. An exercise class that may be taken by qualified older adults that offers chair, land, and walking exercise. (The exercise is approved by the Arthritis Foundation.) Senior Wellness program participants. Fall, spring semester.

PHED 1521. Exercise and Fitness for the Older Adult - Water Exercise. An exercise class that may be taken by qualified older adults that offers water exercise. (The exercise is approved by the Arthritis Foundation.) Senior Wellness program participants. Fall, spring semester.

PHED 1531. Exercise and Fitness for the Older Adult - Strength Training. An exercise class that may be taken by qualified older adults that offers strength and flexibility and cardiovascular training using strength machines. Senior Wellness program participants. Fall, spring semester.

PHED 1541. Martial Arts. Students will be introduced to physical conditioning, stretching, and calisthenics (sit-ups, squats, lunges, push-ups, etc). As needed.

PHED 1551. Aquacize. Wide variety of water exercises that provide for cardiovascular conditioning, toning, and strengthening of muscles. Performed in water deeper than seven feet. Fall, spring semester.

PHED 1561. Cardioboxing. A challenging cardiovascular workout that combines boxing techniques and high-energy cross training. As needed.

PHED 1571. Beginning In-Line Skating. The course is designed to help students gain introductory knowledge and skill practice for in-line skating. As needed.

Philosophy (PHIL)

PHIL 2403. Introduction to Philosophy. Prerequisites: Sophomore standing, completion of ENGL 1113 and ENGL 1123. A survey of the most basic and perennial issues in philosophy and an introduction to the major thinkers of the Western philosophical tradition. Fall, spring, summer.

PHIL 2413. World Religions. This course examines the role religion has played in the development of human society and common elements in various religions traditions. Alternate spring semester.

PHIL 3003. Death, Dying and World Religion. Explores and compares the cultural differences and similarities among societies going through the bereavement process. The course will also examine theological perspectives on death and dying, including how life and death are connected in the larger cosmological concepts of various world cultures. Alternate fall semester.

PHIL 3013. Philosophy of Religion. This course is designed to facilitate the student's understanding of the process and content of religion. The student will have the opportunity to read about and to get involved in the investigation and debate about major issues within and about religion. Alternate fall semester.

PHIL 4013. Women and Religion. Examines women's religious practices and traditions in Judaism, Christianity, Islam, Buddhism, and Hinduism. Alternate spring semester.

Physical Science (PHSC)

PHSC 2021. The Physical Sciences Laboratory. To be taken concurrently with PHSC 2023. Laboratory two hours. Fall, spring semester.

PHSC 2023. The Physical Sciences. Prerequisites: Two years of high school algebra or MATH 1023 or higher. The principles of elementary physics, chemistry, and earth science for the non-science major. A possible core course in general education, other options are CHEM 1011/1013, GEOL 1001/1003, GEOL 1011/1013, PHYS 2001/ 2003. Lecture three hours. Fall, spring semester.

PHSC 3000. Science for the Middle Level Teacher Laboratory. To accompany PHSC 3003. Same as BSCI 3000. Fall, spring semester.

PHSC 3003. Science for the Middle Level Teacher. Prerequisites: E ED 3002/3003 and two courses in science. Designed to give the middle school teacher an awareness of the inter-relationship of the various sciences and the essential basic knowledge of new science innovations taught in the elementary school. Selection and organization of learning activities and materials for the teaching of science will also be emphasized. Lecture two hours and laboratory two hours. Same as BSCI 3003. Fall, spring semester.

Physics (PHYS)

PHYS 2001. General Physics I Laboratory. To be taken concurrently with PHYS 2003. Laboratory three hours. Fall, summer.

PHYS 2003. General Physics I. Prerequisite: MATH 1023. Physics primarily for students in the health-related fields and industrial technology. Topics include mechanics, thermodynamics, and acoustics. Lecture three hours. Fall, summer.

PHYS 2033. Electrical Circuits I. Corequisite: MATH 1525. The fundamental laws of circuit theory applied to resistive networks, network topology, mesh currents and node voltages, network theorems, one-terminal and two-terminal pair resistive networks. Time response functions of R-L, R-C, and R-L-C circuits. Same as ENGR 2033. Spring semester.

PHYS 2101. General Physics II Laboratory. To be taken concurrently with PHYS 2103. Laboratory three hours. Spring semester.

PHYS 2103. General Physics II. A continuation of PHYS 2003. Topics include electricity, magnetism, optics, and modern physics. Lecture three hours. Spring semester.

PHYS 2201. University Physics I Laboratory. To be taken concurrently with PHYS 2203. Laboratory three hours. Fall semester.

PHYS 2203. University Physics I. Corequisite: MATH 1525. An introduction to the principles of mechanics, wave motion, and thermal physics for science and engineering students. Lecture three hours. Fall semester.

PHYS 2211. University Physics II Laboratory. To be taken concurrently with PHYS 2213. Laboratory three hours. Spring semester.

PHYS 2213. University Physics II. A continuation of 2203. The fundamental principles of electromagnetic phenomena, including light. Lecture three hours. Spring semester.

PHYS 3021. Physical Chemistry I Lab. Must be taken concurrently with PHYS 3023. One three-hour period per week. Same as CHEM 3021. Alternate fall semester.

PHYS 3023. Physical Chemistry I. Prerequisites: CHEM 1121/1123, MATH 1525, and either CSCI 1101/1102 or a high school computer course in BASIC programming language. Corequisite: MATH 1545. A detailed study of the fundamental principles of thermodynamics applied to equilibria, physical state/phase diagrams, electromotive force, and solution phenomena. Three lectures and one three-hour laboratory period per week. Concurrent enrollment in PHYS 3021. Same as CHEM 3023. Alternate fall semester.

PHYS 3033. Electricity and Magnetism I. Prerequisite: PHYS 2211/2213; corequisite: MATH 3033 or consent of instructor. A study of time independent and dependent electric and magnetic phenomena using differential and integral vector field methods. Alternate fall semester.

PHYS 3054. Modern Physics. Prerequisite: PHYS 2101/2103 or PHYS 2211/2213. An introduction to quantum and relativistic physics with applications in atomic, nuclear, and solid state physics. Four lecture hours per week. Alternate fall semester.

PHYS 3103. Digital Electronics. Prerequisite: PHYS 2211/2213. A study of the principles and techniques of modern digital systems. The course covers the basic concepts of mathematical bases, combinational logic networks, flip-flops, counters, registers, interfacing of various digital families, and interfacing of analog systems. Same as ENGR 3103. Alternate spring semester.

PHYS 3110. Advanced Physics Lab. Laboratory experience in optics and modern physics. Some topics include spectrometry, spectrophotometry, photoelectric effect, X-ray diffraction, and radioactivity. Alternate spring semester.

PHYS 3113. Advanced Physics Theory. Prerequisite: PHYS 2101/2103 or 2211/2213 or equivalent. Theory of instrument operation, procedure for instrument operation and theory of the experimental design. Experiments selected from modern physics and optics. Concurrent enrollment in PHYS 3110. One hour lecture, two hours laboratory. Alternate fall semester.

PHYS 3201. Physical Science Laboratory Techniques. Prerequisite: Consent of the department. Experiences in planning and assisting in chemistry, geology, and physics laboratory courses. For B.S.E. majors only. As needed.

PHYS 4001. Astronomy Lab. Must be taken concurrently with PHYS 4003. One three-hour period per week. Alternate summer.

PHYS 4003. Astronomy. Prerequisites: PHYS 2001/2003 or PHYS 2101/2103 or GEOL 1001/1003 and MATH 1023. Quantitative and conceptual understanding of space, properties of stars, planets, and galactic systems. Required for science teaching majors and minors. Lecture and observations, three hours weekly. Alternate summer.

PHYS 4013. Optics. Prerequisite: PHYS 2101/2103 or PHYS 2211/2213; Corequisite: MATH 1545. A study of geometrical, physical, and quantum optics. Alternate fall semester.

PHYS 4023. Solid State Physics. Prerequisite: PHYS 2211/2213; Corequisite: MATH 1545. A discussion of crystal structures and their relationships to electrical, magnetic, thermal, and mechanical properties of solids. Alternate spring semester.

PHYS 4043. Physical Mechanics I. Prerequisites: MATH 1545 and PHYS 2201/2203 or equivalent. A course presenting topics in the advanced mechanics of one and two particle systems by Newtonian and Lagrangian methods. Alternate fall semester.

PHYS 4153. Fluid Mechanics. Prerequisites: PHYS 2211/2213 or equivalent and MATH 3033. The study of the kinematics and dynamics of fluids including gas laws, liquid and gas flow, Torricelli's and Bernoulli's Theorems, and irrotational and rotational flow. As needed.

PHYS 4402. Integrated Sciences: Methods and Materials for Secondary School Teachers. Integrates content, concepts and activities, and materials and methods of teaching the life and physical sciences in the secondary school. National science standards, safety, teaching strategies, learning styles, and science curricula for secondary school science will be emphasized. May be taken concurrently with BIOL 4402.

PHYS 4591-2, 4691-2. Independent Study in Physics. Prerequisite: Consent of the department. Experimental or theoretical investigations in an area of current physics research with faculty guidance. Project plan must be presented to the department chair for approval. Maximum credit toward graduation four hours. As needed.

PHYS 4791-3, 4891-3, 4991-3. Advanced Topics in Physics I, II, III. Prerequisite: PHYS 2101/2103 or PHYS 2211/2213 or consent of the department. Courses devoted to special topics in physics not treated in other courses. Maximum credit four hours. As needed.

Print Journalism (PJ)

PJ 3023. Photo Journalism: Prerequisite: MCOM 2013 Skill and techniques in photojournalism and including scaling photographs, layout of picture stories, and photo essays. Course may also include supervised experience in photographing for *The Bray*, *The Mulerider*, public information, or sports information. Student must provide own camera, attachments, film, and paper. Spring semester.

Political Science (PSCI)

PSCI 2003. American Government: National. A survey of the American National Government including the Constitution; structure and operation of the Presidency,

Congress, and Judiciary; federalism; civil liberties; and politics in action. Fall, spring, summer.

PSCI 2013. State and Local Government: Arkansas and the U.S. A survey of government in the 50 states with special application to Arkansas and with emphasis on intergovernmental relationships; problems of the executive, legislative, and judiciary; politics and elections; and local and metropolitan government. Spring, summer semester.

PSCI 3003. International Relations. A study of the global multi-state system's origins and future prospects, and an analysis of techniques and forces governing international relationships. Spring semester, odd years.

PSCI 3011, 3111. Great Decisions. Analysis and discussion of contemporary problems in American foreign policy. May be taken for credit a second time. As needed.

PSCI 3033. American Political Parties. The role and functions of political parties of the United States with emphasis on party membership, organizations, nominations and elections, suffrage and voter behavior, interest-group politics, and relations with the executive and judiciary. Fall semester, even years.

PSCI 3053. Introduction to Public Administration. A basic study of the methods, problems, and organization of public administration and of its relation to democratic government, including the problems of responsiveness and accountability. Spring semester, even years.

PSCI 3063. Administrative Law. An introduction to the methods of and conditions for policy analysis and project evaluation. This will include an examination of the strategies for effective policy development and analysis, as well as common means of project evaluation such as cost-benefit analysis and fair cost allocation schemes. Spring semester, odd years.

PSCI 3093. American Foreign Policy. A study of foreign policy's constitutional basis in the Executive and Congress; the special role of public opinion in the American democratic system; a survey of America's diplomatic history; and an analysis of contemporary foreign policy problems. Same as HIST 3093. Spring semester, even years.

PSCI 3113. Western Thought. A study of the principal currents of thought in Western culture since 1800 with an emphasis on examination of the texts of selected philosophers. Same as HIST 3113. Spring semester.

PSCI 3123. Introduction to the Law. This course is a general survey of law and the legal system of the United States. The course provides general coverage of all aspects of the law and legal system. The method of instruction includes both lecture and class discussion as well as outside research assignments. Spring semester, odd years.

PSCI 3133. Research Methods. An introduction to basic methods of research in history and political science, emphasizing computer-based quantitative analysis of historical and political phenomena. Same as HIST 3133. Fall semester.

PSCI 3193. Political Geography. A systematic and regional analysis of political units, including regions and cities; evaluation of geographic phenomena in the internal structure and external relations of the world's countries. Attention is given to the problem areas of the world. Same as GEOG 3193. Fall semester, even years.

PSCI 3213. Eastern Thought. A study of the principle currents of Eastern Thought and Religions with an emphasis on examination of the texts of selected philosophers, schools, and belief systems. Fall semester, even years.

PSCI 3243. Modern American Politics. A study of American Political development emphasizing the evolution of governing institutions, national parties, political culture, and interest groups since 1900. Cross referenced with HIST 3243. Spring, alternate years. Spring semester, odd years.

PSCI 3303. History and Politics of Modern China. An in-depth study of the political influences on Chinese history and the consequences of the decisions the nation made in the 19th and 20th centuries. Fall semester, odd years.

PSCI 3313. History and Politics of Modern Japan. An in-depth study of the political influences on Japanese history and the consequences of the decisions the nation made in the 19th and 20th centuries. Fall semester, even years.

PSCI 4013. International Law. This course is a general study of International Law, with special emphasis on the discipline of Public International Law. Fall semester, odd years.

PSCI 4033. Legislative Processes. A study of the legislative process of city council, state legislature, and Congress; composition of membership, organization, and powers; and the relationship with other governmental bodies. Fall semester. Spring semester, odd years.

PSCI 4043. African American Politics. A study of the experience of African Americans in politics in the United States. The course includes analysis of the civil rights movement as well as African-American culture, political thought, and political participation on local, state, and national levels. Fall semester, even years.

PSCI 4053. Comparative Public Policy. A study of the formation of public policy in developed and developing nations, alternative approaches to analyzing policy making, policy constraints, and selected public policies and decisions. As needed.

PSCI 4073. American Constitutional Law. A survey, using the case method, of principles, practices, and basic features of American constitutional law with emphasis on judicial review, the role of the Supreme Court, federalism, national powers, and individual rights. Same as CRJU 4073. Spring semester, even years.

PSCI 4083. Global Issues. Analysis of selected international issues such as population, resources, conflict, communication, development, and human values, from a global perspective, emphasizing transnational and interdependent relationships. Fall semester, even years.

PSCI 4203. Comparative Politics. A study of governing processes, policies, and contemporary political problems, comparing political systems around the world. Alternate fall semester.

PSCI 4333, 4343. Advanced Topics in Political Science. Advanced topics in political science as chosen by the faculty. Students may take the course once under each number with different topics. As needed.

PSCI 4923. Political Science Internship. Prerequisite: Senior standing and consent of department chair and instructor. This course provides a structured field experience in politics, government, and public policy. Students will be placed as interns with public agencies, political campaigns, or in private organizations interested in shaping public policy. Students will be required to complete assignments integrating scholarship with this practical experience. This course may not be used to satisfy requirements of the 36-hour major in political science. Fall, spring, summer.

Psychology (PSYC)

PSYC 2003. General Psychology. Introduces the fundamental concepts and basic factual content of psychology. Students should gain a better understanding of their own behavior and that of other people. Fall, spring, summer.

PSYC 3013. Educational Psychology. Prerequisite: Junior standing required. A survey course designed to meet the needs of prospective teachers by bringing an application of psychological principles of learning to the instructional settings. Fall semester.

PSYC 3093. Physiological and Comparative Psychology. Prerequisite: PSYC 2003. A study of the comparative aspects of animal and human physiology and behavior, including the nervous system, sensory systems, endocrinology, and other topics. Fall semester.

PSYC 3123. Child Psychology. A study of the physical and mental growth of the child from infancy to adolescence. Special emphasis is placed on the social, emotional, motor development, interests, and imaginative activities of the child. Development of children in various cultural environments is explored. Spring semester.

PSYC 3153. Research Methods I. Prerequisites: PSYC 3183. A study of statistical methods, basic experimental procedures and designs, laboratory apparatus, and the treatment of experimental data. Same as CRJU 3153, SOC 3153 and SWK 3153. Fall semester.

PSYC 3183. Statistics. Prerequisite: MATH 1003 or MATH 1023. Descriptive and elementary analytical statistics, their concepts, and their application. Same as CRJU 3183, SOC 3183, and SWK 3183. Fall, spring, summer.

PSYC 3191/4191. Advanced Topics for Individual Study. Individuals will study advanced topics in psychology and the social sciences as selected by faculty members. As needed.

PSYC 3223. Developmental Psychology. A comprehensive survey of human growth, maturation, and development, over the life span. Fall, spring, summer.

PSYC 3303. Cognitive Science. An introduction to the conceptual bases of cognitive science, including topics from psychology, linguistics, ethology, and artificial intelligence. Spring semester.

PSYC 4003. Domestic Violence. Examination of the causes, effects, and legal aspects of domestic violence. Intervention techniques and prevention programs will also be studied. Fall semester as needed.

PSYC 4013. Psychological Measurement. Prerequisites: PSYC 2003 and PSYC 3183. A study of the principles of psychological measurement and their application in tests of intelligence, special aptitudes, personality, attitudes, and interests. Spring semester.

PSYC 4023. Industrial and Organizational Psychology. A consideration of the application of psychology to such areas as personnel work, human engineering, motivation, job satisfaction, leadership, and organizational structure. Fall semester, odd years.

PSYC 4033. Abnormal Psychology. Prerequisite: PSYC 2003. A description and explanation of the varieties of mental abnormalities—psychotic, neurotic, affective, and personality disorders, and minor maladjustments—their causes, methods of treatment, and approaches to preventing psychological maladjustments. Fall semester.

PSYC 4043. History and Systems of Psychology. Prerequisite: PSYC 2003. A study of the historical foundations of and the unifying principles and theories in modern psychology. Spring semester.

PSYC 4053. Theories of Personality. Prerequisite: PSYC 2003. A study of the personality theories of Freud, Jung, Murray, Allport, Rogers, and others. Spring semester.

PSYC 4063. Social Psychology. Prerequisites: PSYC 2003 and junior standing. A study of how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others. Same as SOC 4063. Spring semester.

PSYC 4073. Learning. Prerequisite: PSYC 2003. A study of the principles and problems of learning with consideration of major empirical findings and their theoretical interpretations. Fall semester. Alternate Summer.

PSYC 4083. Adolescent Psychology. A study of the physical and mental growth of youth from emerging adolescence (middle school) through adolescence (high school) and the transition from childhood to adulthood. Effective learning and teaching strategies for the adolescent are emphasized. Fall semester.

PSYC 4093. Career Planning in Psychology. Prerequisite: PSYC 2003 or consent of the instructor. Introduces students to the world of psychology beyond the classroom. Students meet guest speakers who have completed a degree in psychology and who are currently employed in various occupations. Additionally, students learn interview skills, how to write a resume, and how to apply to graduate school. Fall semester.

PSYC 4113, 4213. Advanced Topics in Psychology. Advanced topics in psychology as chosen by the faculty. Students may take the course once under each number with different topics. Spring semester.

PSYC 4153. Research Methods II. Prerequisite: PSYC 3153. Advanced study of the experimental procedures and designs, laboratory apparatus, and the treatment of experimental data. Students design, conduct, analyze, and present orally and in writing the results of an original research project. Spring semester.

PSYC 4873. Honors Seminar. Prerequisite: PSYC 4153, 3.00 grade point average or higher or consent of the chair. This course allows students to pursue a research project under the supervision of a faculty member. Projects may be derived from previous coursework, but must be substantially different. Students work independently and meet as a group six times. The research project must be presented at a state-level professional meeting. As needed.

PSYC 4883, 4893. Field Practicum. Prerequisites: Second semester junior standing, 15 hours credit in major field, approval of a Practicum Committee, and completion of ENGL 1113 and ENGL 1123 with a grade of C or better. A structured field experience relevant to the student's major and anticipated occupational field, designed to give the student a representative perspective of the theory, methods, and problems in the practicum area. As needed.

Recreation (REC)

REC 2710. Organization and Administration of Intramural Sports Lab. To accompany REC 2712. Spring semester.

REC 2712. Organization and Administration of Intramural Sports. Prerequisite: Sophomore standing or permission of instructor; Corequisite: REC 2710. A critical analysis of intramural sports programs on all levels stressing objectives, student welfare and participation, and problems of administration, scheduling, and budgeting. Lectures, readings, discussion, and actual experience in officiating school and college intramural sports with emphasis on rules and their interpretation and modifications. Spring semester.

REC 2723. Fall Outdoor Recreational Activities. Provides the student with knowledge and skill in the activities of backpacking, hiking, and hunting. Safety rules and survival tips. Fall semester.

REC 2733. Spring Outdoor Recreational Activities. Provides the student with knowledge and skill in the activities of fishing, camping, and orienteering/navigation tips. Safety rules, navigation tips, and fishing techniques are stressed. Spring semester.

REC 3613. School and Community Recreation. Prerequisites: Skills courses completed, junior standing, and permission of instructor. A study of community, school, and industrial recreation—its scope, function, and need in modern life. Emphasis given to individual, family, and small group opportunities and survey of recreation-sponsoring agencies and their programs. Fall semester. Alternate summer.

REC 3623. Psychology of Sports. The in-depth study of parameters of human behavior as related specifically to sport including motivational technique, personality factors,

arousal, expectancy effects, group dynamics, leadership, aggression, burnout, and athletic injuries. Spring semester, odd years.

REC 3633. Sport Promotion and Financial Management. This course will provide students theoretical foundations for effective sport promotion and financial issues such as sport consumerism, ticketing practices, sport sponsorship, sport licensing and e-commerce. Spring semester, even years.

REC 3642. Camping and Camp Counseling. Prerequisites: HS 1403, and consent of instructor. Introduction to the principles, status, and programs of outdoor education and camping. Investigation of the responsibilities and duties of the counselor in various types of camps. Some practical experience in basic camp craft skills. A weekend camp workshop experience will be included in the course. Spring semester.

REC 3653. Leadership in Recreation. A study of the philosophy and fundamental principles of effective recreational leadership in programs for private, public, and institutional settings. Fall semester.

REC 3663. Leisure and Aging. A study of the aging process as related to leisure and recreation. Specifically, it involves the aspects of the nature, functions, environment and resources as related to recreational and leisure opportunities for elderly citizens. Spring semester. Summer, odd years.

REC 4003. Facility and Event Management. Survey of development, organization, and management of sport facilities and sporting events with a focus on meeting program needs and challenges. Fall semester.

REC 4013. Legal and Ethical Issues in Sports. A course designed to acquaint the undergraduate major with legal and ethical parameters and expand students' understanding of sport law issues. Fall semester.

REC 4652, 4663. Recreation Practicum I, II. Prerequisites: Junior or senior standing in HKR and consent of department chair. A course devoted to providing opportunities for the student to gain experience in practical recreation programming. Experience in observing behavioral tendencies and directing activities of participants through work in Boys' and Girls' Clubs, Boy and Girl Scouts, church related recreation, YMCA, YWCA, nursing homes, city recreation, industrial recreation, Southern Arkansas University Intramural program, wellness program, or any chair-approved agency. Fall, spring, summer.

Russian (RUSS)

RUSS 1003. Modern Russian I. An introductory course in contemporary Russian concentrating on speaking proficiency. As needed.

RUSS 1013. Modern Russian II. A course in contemporary Russian concentrating on speaking proficiency. Continuation of RUSS 1003 Modern Russian I. As needed.

RUSS 2003. Russian Studies I. A course of directed readings on contemporary Russia associated with a month's residence in Moscow. As needed.

RUSS 3003. Russian Studies II. Independent studies. A course associated with a month's residence in Moscow. As needed.

Secondary Education (S ED)

All junior- or senior-level education courses are open only to students who have been formally admitted to the Professional Education Program in the College of Education.

S ED 3003. The Secondary and Middle School Curricula. A study of concepts and theories of secondary and middle school curricula development in a multi-cultural society. The focus will include the roles of various groups in curriculum planning, social and cultural factors in planning, the availability and organization of knowledge, factors involved in selecting appropriate curricula designs and models, a study of exceptionalities, and selection of software to utilize computers in instruction. Fall, spring semester.

S ED 3013. Methods and Materials in Secondary and Middle School English and Speech. Special materials, software, and techniques for the teaching of English and speech. Must be taken concurrently with S ED 4023 Supervised Field Experience Level II. Spring semester, even years.

S ED 3023. Methods and Materials in Secondary and Middle School Art. Special materials and techniques for the teaching of art K-12. This class must be taken concurrently with S ED 4023 Supervised Field Experience Level II. Fall, spring semester.

S ED 3053. Integrated Curriculum. This course examines history, current trends, standards and competencies, philosophies, and the future of curriculum at the middle level. Interdisciplinary and cross-disciplinary curricular integration are examined. Integrated Curriculum includes an internship that places students into a workplace setting to experience real-life application and integration of the content in their area of specialization. "What will I teach?" and "How will I know what to teach?" are questions Integrated curriculum enables the pre-service teacher to answer. For secondary students. As needed.

S ED 3083. Methods of Teaching in Secondary and Middle School. A general methods and techniques course for alternative licensure plans. Fall, spring semester.

S ED 3113. Methods and Materials in Secondary and Middle School Mathematics and Sciences. Prerequisite for science majors: BIOL 4402. Special materials and techniques for the teaching of mathematics and science. Must be taken concurrently with S ED 4023 Supervised Field Experience Level II. Fall, spring semester.

S ED 3123. Methods and Materials in Secondary and Middle School Business and Related Vocational Subjects. Special materials and techniques for the teaching of business and related vocational subjects. Must be taken concurrently with S ED 4023 Supervised Field Experience Level II. Fall, spring semester.

S ED 3302. Supervised Field Experience - Health, Kinesiology, and Recreation. Corequisite: S ED 3723. A planned, supervised pre-student teaching experience in the classroom or appropriate school setting. One hour class per week plus 48-60 hours in the assigned public school setting. Fall, spring semester.

S ED 3313. Methods and Materials in Secondary and Middle School Social Studies. Special materials and techniques for the teaching of social studies. Majors must concurrently enroll in S ED 4023 Supervised Field Experience Level II. Fall, spring semester.

S ED 3723. Methods and Materials in Secondary and Middle School Health, Kinesiology, and Recreation. Prerequisites: Junior standing in HKR; acceptance into the Professional Teacher Education program; satisfactory proficiency in HKR 1113, and consent of department chair. Special materials and techniques for the teaching of physical and health education and recreation. Must be concurrently enrolled in S ED 3302. Fall, spring semester.

S ED 4006. Student Teaching in the Secondary School I. Student Teaching Block. Prerequisite: Approval by the director of Student Teaching, admission to the Professional Education Program with no deficiencies, and approval of completed application. A planned, supervised student teaching experience for the college senior or student completing the teacher education/licensure program. Part I is the first half of the 14 weeks, full days requirement. Must be enrolled concurrently in full block with S ED 4006, S ED 4103, and EDUC 4003. Fall, spring semester.

S ED 4023. Supervised Field Experience Level II. A planned, supervised pre-student teaching experience in the classroom or appropriate school setting. One hour per week class and 48 hours per semester working in the assigned school setting. Must be taken concurrently with methods and materials class. Fall, spring semester.

S ED 4103, 4016. Student Teaching in the Secondary School II. Student Teaching Block. Prerequisite: Completion of S ED 4006 Part I (see above). Part II is a continuation of the supervised student teaching assignment in the public school classroom or an appropriate school setting. Must be concurrently enrolled and complete the Student Teaching Block of S ED 4006 plus EDUC 4003. Fall, spring semester.

S ED 4203. Reading Strategies for Secondary and Middle School. Prerequisite: S ED 3003. Comprehensive study of the reading process, reading in the content fields, teaching materials and techniques, and improving comprehension. Fall, spring semester.

Sociology (SOC)

SOC 1003. General Anthropology. An introduction to cultural anthropology, the study of culture and man in all times and all places. Major topics are the concept of culture itself, man as a culture bearing animal, and various aspects of culture such as language, social organization, economy, technology, and religion as they appear in primitive and modern societies. Same as ANTH 1003. Spring semester.

SOC 2003. Introduction to Sociology. Introduces students to the scientific study of human society and human social behavior. Topics include theory, culture, socialization, social institutions, social deviance, social stratification, and others. Fall, spring, summer.

SOC 3003. Minority Relations. An examination of the nature of minority group relations, including sexual orientation, age, gender, religious, ethnic, and racial based experiences. Issues such as discrimination and dominant-minority group interaction are considered from a historical as well as contemporary perspective. Same as CRJU 3003 and SWK 3003. Fall, spring, summer.

SOC 3013. Social Problems. A sociological study of societal problems including social inequity, institutional abuse of power, population and environment, social deviance, race relations, crime, and others. Fall, spring semester.

SOC 3033. Sociology of Marriage and Family. A sociological study of marriage, family, and kinship, both cross-culturally and within American society. Additional social phenomena examined include socialization, sexuality, sex roles, mate selection, love relationships, types of marriages, marital conflict and interaction, and etc. Fall semester.

SOC 3043. Anthropology: Man in Prehistory. An introduction to physical anthropology and archaeology covering basic concepts in physical anthropology; the origins, evolution and racial development of man; basic concepts in archaeology; and the development of culture from the early Pleistocene up through the dawn of recorded history. Same as ANTH 3043. As needed.

SOC 3143. Anthropology: The North American Indian. The archaeology, ethnology, and history of North American Indians from the time of their arrival on this continent prior to 12,500 B.C. down to the present century. Same as ANTH 3143 and HIST 3143. As needed.

SOC 3153. Research Methods I. Prerequisites: SOC 3183. A study of statistical methods, basic experimental procedures and designs, laboratory apparatus, and the treatment of experimental data. Same as CRJU 3153, PSYC 3153 and SWK 3153. Fall semester.

SOC 3183. Statistics. Prerequisite: MATH 1003 or MATH 1023. Descriptive and elementary analytical statistics, their concepts, and their application. Same as CRJU 3183, PSYC 3183, and SWK 3183. Fall, spring, summer.

SOC 4003. Domestic Violence. Examination of the causes, effects, and legal aspects of domestic violence. Intervention techniques and prevention programs will also be studied. Alternate fall semester as needed.

SOC 4043. Sociological Theory. Prerequisites: SOC 2003 and senior standing or consent of instructor. A selected study of past and present sociological thinkers including A. Comte, K. Marx, M. Weber, E. Durkheim, G. Mead, P. Sorokin, C. W. Mills, R. Merton, H. Becker, P. Berger, and others. Fall semester.

SOC 4053. Criminology. Prerequisite: Junior standing. A study of the nature, causes, and extent of crime, the prevention and treatment of crime, and processes of criminal justice. Same as CRJU 4053. Spring semester.

SOC 4063. Social Psychology. Prerequisite: Junior standing. A study of how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others. Same as PSYC 4063. Spring semester.

SOC 4073. Social Gerontology. Prerequisites: Junior standing (Nursing students are exempt.) An interdisciplinary course offering the study of the lifelong aging process, the

changing social context of later life, societal response to the aged, and services available. Same as SWK 4073. Spring semester.

SOC 4093. Research Methods in Sociology. Prerequisites: SOC 2003, SOC 3183, and junior standing. A study of the language, basic concepts, methods, and problems associated with the securing and analysis of social data. Students design and conduct an original research project. Spring semester.

SOC 4133, 4233. Advanced Topics in Sociology. Prerequisites: Sociology major or minor; 15 hours in sociology with a grade point average of 3.00 or higher in sociology courses; and consent of the instructor. A course devoted to special topics in sociology not treated in other sociology courses. Students may take the course once under each number with different topics. Spring semester.

Spanish (SPAN)

SPAN 1014. Elementary Spanish I. A functional approach to the acquisition and development of aural, oral, reading, and writing skills through the study and mastery of basic grammatical concepts. Regular work in the language laboratory. Fall, spring semester.

SPAN 1024. Elementary Spanish II. Prerequisite: SPAN 1014, SPAN 1033, or the equivalent. A functional approach to the acquisition and development of aural, oral, reading, and writing skills through the study and mastery of basic grammatical concepts. Regular work in the language laboratory. Fall, spring semester.

SPAN 1033. Elementary Spanish for Professions. This course is designed to be a variable topics course so that a foundation of Spanish knowledge could be applied on a daily basis in the context of various professional settings. The course presents the student with health care terminology, grammar, and extensive cultural aspects regarding the Spanish-speaking culture for medical personnel, law enforcement, education, and business. As needed.

SPAN 2033, 2043. Intermediate Spanish I, II. Prerequisite: SPAN 1024 or placement exam. Continues with the development of both receptive and productive skills simultaneously. Readings and discussions. Spanish is used in this course and reinforced with clarification in English. Fall, spring semester.

SPAN 2053. Spanish for Heritage Speakers I. Prerequisite: Spanish comprehension and speaking ability. This course is designed for heritage speakers of Spanish who can understand and converse in Spanish but need formal language instruction to better understand the structures that lie behind their intuitive knowledge of Spanish. This course develops and/or enhances all four language skills: reading, writing, speaking, and understanding, with special attention to diction, orthography, and sentence structure. The course will also utilize cultural readings from Spanish-speaking authors of the United States and Latin America. The course meets the same degree requirements as SPAN 2033. Students may not receive credit for both SPAN 2033 and SPAN 2053. As needed.

SPAN 2063. Spanish for Heritage Speakers II. Prerequisites: Spanish comprehension and speaking ability, SPAN 2053. This course is a continuation of SPAN 2053. The course meets the same degree requirements as SPAN 2043. Students may not receive credit for both SPAN 2043 and SPAN 2063. As needed.

SPAN 3003. Advanced Spanish for Professions. Prerequisite: SPAN 2043. This course is designed to be a variable topics course so that a specialized advanced-level of Spanish language knowledge could be applied on a daily basis in the context of various professional settings. Stress is on commercial correspondence, with the student preparing applications, memoranda, resumes, contracts, business forms, banking transactions, and business letters in the Spanish language. This course is taught in Spanish and is designed for business and finance, medicine, law enforcement, and education. As needed.

SPAN 3013. Spanish Translation I. Prerequisite: SPAN 2043. This is an introductory course in Spanish/English translation, covering a variety of registers: commercial advertisements; letters; literary and journalistic pieces; and legal, medical, real estate, and technical documents. The course will cover translation as a profession, including such issues as the training needed, the job opportunities, standard business practices, and free-lance versus staff employment. It will also cover aspects of linguistics, lexicography and terminology, translation theory, and the professional code of ethics. Extensive practice in translation and interpretation will be provided. As needed.

SPAN 3023. Spanish Translation II. Prerequisite: SPAN 3013. This advanced course in Spanish/English translation further develops students' linguistic competence in Spanish language, culture, and grammar to enable them to do professional translations of a variety of texts. Students will translate specialized texts from such fields as finance, business, law, journalism, literature, medicine, science, marketing, and technology. Students will gain more extensive knowledge of professional aspects of translation and an advanced understanding of linguistics, vocabulary and terminology, translation theory, and the professional code of ethics. Extensive practice in translation will be provided. As needed.

SPAN 3163. Composition and Conversation. Prerequisite: SPAN 2043 or the consent of the instructor. Written compositions aimed at developing the student's ability to organize material in Spanish. Conversational practice, oral presentations on a variety of topics and oral interviews with Spanish-speaking individuals, aimed at helping the student acquire and develop facility in the spoken language. Discussion of topics of daily interest, including Spanish contributions to literature, art, music, and drama. This course is taught in Spanish. Fall semester, odd years.

SPAN 3173. Advanced Composition and Conversation. Prerequisite: SPAN 3163 or the consent of instructor. A continuation of SPAN 3163 with a primary emphasis on improving fluency. This course is taught in Spanish. As needed.

SPAN 3183. Spanish American Literature I. Prerequisite: SPAN 2043. A study of representative works in prose and poetry from the pre-Colombian period through Hispanic post-modernismo. Readings will include indigenous literature of the Mayas, Aztecs, and Incas; the chronicles and letters of Christopher Columbus and Hernán Cortés, and works by later writers such as Sor Juana Inés de la Cruz, Ricardo Palma, José Hernández, and modernist poets: José Martí, Julián del Casal, Alfonsina Storni, and Rubén Darío. Attention will be given to socio-political conditions as a major force. As needed.

SPAN 3193. Spanish American Literature II. Prerequisite: SPAN 2043. A continuation of SPAN 3183, covering major literary movements in Latin America from

the 1820s to the present. Through the study of prose and poetry, students will be exposed to the social, artistic, and historical aspects of Latin America that these works evoke. The works of such authors as Jorge Luis Borges, Laura Esquivel, Gabriel García-Márquez, Rosario Ferré, Alejo Carpentier, Carlos Fuentes, Rosario Castellanos, Mayra Santos-Febres, Luis Rafael Sánchez, and others will be examined in this course. This course is taught in Spanish. Spring semester, odd years.

SPAN 3323. Spanish–English Interpretation I. Prerequisite: SPAN 2043. An introductory course in the art of oral translation, the class will enable students to gain a basic to intermediate level of competence in simultaneous interpretation from one language to another, i.e., listening to one language while saying the same thing in the target language. Students will learn the fundamentals of consecutive interpreting through multiple assignments and activities which may call upon them to interpret for “real” clients, such as doctors and patients in hospitals and clinics, law enforcement personnel, attorneys and judges, court case trials, community members, guest speakers, and panel discussions. As needed.

SPAN 3333. Spanish–English Interpretation II. Prerequisite: SPAN 3323, professional experience in legal interpreting, or permission of the instructor. An advanced course in legal interpretation (Spanish/English). This course provides an in-depth look at the practice of court interpreting in criminal procedures, civil litigation, and immigration hearings. Linguistic and cognitive processes during interpretation will be studied and analyzed with emphasis on identifying strategies for memory, accuracy, and speed development. Intensive practice in all modes of interpretation will be conducted with authentic materials. Political and historical issues affecting the profession will be discussed and the interpreter’s code of ethics will be examined in detail. As needed.

SPAN 3873. Spanish Internship I. Prerequisite: SPAN 2043 or its equivalent. A structured and supervised field experience in the Spanish language and culture designed to integrate classroom theory and/or academic learning with learning in a job site, as well as to develop functional and personal skills, strengthen future professional skills, and gain a competitive edge in the job market. As needed.

SPAN 3883. Spanish Internship II. Prerequisite: SPAN 2043 or its equivalent. A structured and supervised field experience in the Spanish language and culture designed to integrate classroom theory and/or academic learning with learning in a job site, as well as to develop functional and personal skills, strengthen future professional skills, and gain a competitive edge in the job market. May be taken concurrently with or subsequent to SPAN 3873. As needed.

SPAN 3973. Hispanic Linguistics. Prerequisite: SPAN 2043 or its equivalent. Introduction to all the major branches within the field of Hispanic linguistics: phonetics and phonology; morphology; syntax and discourse analysis; semantics; historical linguistics; dialectology; Spanish in the U.S. This course is taught in Spanish. Spring semester, even years.

SPAN 3993. Advanced Spanish Grammar. Prerequisite: SPAN 2043 or consent of instructor. A course of comprehensive and intensive study of prescriptive Spanish grammar, including most aspects of Spanish grammar, such as phonetics, phonology, morphology, orthography, pragmatics, semantics, and syntax. The focus will be on

syntax, as well as on those aspects of the language that students find most problematic. This course is taught in Spanish. Fall semester, even years.

SPAN 4513. Spanish Civilization. Prerequisite: SPAN 2043 or its equivalent. A study of the most significant aspects of the 3,000 years of Spanish history and its contribution to Western civilization. The course is designed to stimulate thought on the political and cultural issues which constitute the major themes of Spanish history. This course is taught in Spanish. As needed.

SPAN 4623. Spanish-American Civilization. Prerequisite: SPAN 2043 or its equivalent. A study of the intellectual heritage beginning with the indigenous Indian cultures in the New World, and major problems that confront Latin America. This course is taught in Spanish. Spring semester, odd years.

SPAN 4813. Spanish Literature I. Prerequisite: SPAN 2043 or its equivalent. Representative works of writers such as Cervantes, Garcilaso de la Vega, Fray Luis de León, Lope de Vega, Calderón de la Barca, and others. Lectures, discussions, oral and written analyses, and a term paper. This course is taught in Spanish. As needed.

SPAN 4823. Spanish Literature II. Prerequisite: SPAN 2043 or its equivalent. This course will introduce students to the major writers and literary movements of Spain from the 18th century through the 20th century. Representative works of writers such as Fray Benito Jerónimo Feijóo, Leandro Fernández de Moratín, José de Espronceda, Gustavo Adolfo Bécquer, Rosalía de Castro, Benito Pérez Galdós, Emilia Pardo Bazán, Miguel de Unamuno, Antonio Machado, José Ortega y Gasset, Federico García Lorca, Rafael Alberti, Luis Cernuda, Rosa Chacel, Ernestina de Champourcin, Concha Méndez, Camilo José Cela, Carmen Laforet, Ana María Matute and Alfonso Sastre. This course is taught in Spanish. Spring semester, even years.

SPAN 4923. Special Topics: Spanish Studies. Prerequisite: SPAN 2043 or its equivalent. A variable topics course in Spanish-American literature, culture, language, or civilization. This course is taught in Spanish. As needed.

SPAN 4933. Special Topics: Spanish and American Studies: Prerequisite: SPAN 2043 or its equivalent. A variable topics course in Spanish literature, culture, language, or civilization. This course is taught in Spanish. As needed.

SPAN 4943. Spanish Workshop. Prerequisite: SPAN 2043 or its equivalent. Workshop in Spanish, addressing special needs and circumstances, providing an intensive immersion experience. As needed.

SPAN 4993. Contemporary Hispanic Life and Culture. Prerequisite: SPAN 2043 or consent of instructor. A course offering practical experiences of contemporary Spanish and Spanish-American life and culture. Presentations, films, documentaries, readings, discussions, demonstrations, and dramatizations of cultural interactions. Students will learn to converse about current issues, understand the cultural mores, and function effectively within Spanish and Spanish-American society. The class is for upper-division Spanish credit. The readings will be in Spanish, and class discussions will be in English. Offered concurrently with MCUL 4993; students cannot receive credit for both MCUL 4993 and SPAN 4993. As needed.

Speech (SPCH)

SPCH 1113. Introduction to Public Speaking. Principles of effective speaking; emphasis on both transmission and reception of the communicative process; the speaking mechanism and delivery. Fall, spring semester.

SPCH 2033. Voice and Diction. A lecture-laboratory course in the use of the speaking voice in presentation and performance, including clarity, projection and the use of dialects with emphasis upon individual improvement for teaching, business, and the stage. Same as THEA 2033. Fall semester.

SPCH 3123. Advanced Public Speaking. Prerequisite: SPCH 1113. Focus on enhanced preparation and delivery of major types of public addresses, as well as oral reports appropriate to group discussion and parliamentary procedure. Effective utilization of multi-media speech aids will be stressed. Spring semester.

SPCH 3353. Oral Interpretation. Oral reading of prose, poetry, and drama, with emphasis on interpreting thought and emotional content. Same as THEA 3353. Spring semester.

SPCH 3413. Argumentation and Debate. Prerequisite: SPCH 1113. Designed to develop advanced research techniques, critical thinking and analysis, and applied argumentation and persuasive skills. Course also includes practice for competitive debates and presentation. Fall semester.

SPCH 4203. Phonetics. Prerequisite: SPCH 1113. This course is a study of the International Phonetic Alphabet, phonological rules, and the study of how speech sounds are produced and perceived. Spring semester.

Special Education (SPED)

SPED 3073. Survey of Exceptional Children. An overview of the various types of exceptional children. Emphasis is placed on characteristics, identification, cooperating agencies, and educational programming. Includes skills in IEP's and inclusion. For IEC majors. Fall semester.

SPED 4013. Adapted Kinesiology. A study of individual education for typical and atypical students; basic materials, methods; and principles of a graded program of general class activities and special adaptive education and therapeutics of recreation for the disabled and handicapped. Fall, spring semester.

SPED 4043. Inclusive Education. Concentrated study and application of the theoretical approaches concerning the young child (preschool through grade four) with special needs in the inclusive early childhood classroom. The course will include focus on etiology; developmental deviations of children with mild disabilities; specific learning characteristics and problems including cognitive, language and communication, academic; and social and behavioral development of children at-risk and disabled. A case study approach will be used. Fall semester.

SPED 4053. Curriculum and Instruction Planning P-4. This course includes the theoretical basis and application for preparing developmentally appropriate and age-appropriate curriculum for children with exceptional learning needs based on adapting the general education curriculum. It focuses on interpreting special education evaluation

reports, and developing Individual Education Programs and Individual Family Service Programs for children with mild disabilities functioning at P-4 grade levels in developmental, academic, social/emotional, and behavioral areas. Fall semester.

SPED 4073. Survey of Exceptional Individuals. A general survey of exceptional individuals from 0-21 years, and an introduction to special education including special education history and law, disability causations, definitions and classification systems, characteristics of all categories of exceptional learners (disabled and gifted), provision of services, and appropriate educational interventions. Recommended for middle school and secondary majors. Fall, spring semester.

Social Work (SWK)

SWK 2043. Introduction to Social Work. Generalist social work practice and its application in a variety of social work settings. An introduction to (1) social welfare and the development of social work as a profession; (2) the knowledge, value, and skill base of social work; and (3) special populations and concerns in social work. Fall, spring semester.

SWK 2053. Community Service Learning Experience. Designed to provide an overview of the practice of social work through a service project and traditional classroom based methods. Offered to prospective social work majors. Fall semester.

SWK 3003. Cultural Diversity. An examination of the nature of minority group relations, including sexual orientation, age, gender, religious, ethnic, and racial based experiences. Issues such as discrimination and dominant-minority group interaction are considered from a historical as well as contemporary perspective. Same as CRJU 3003 and SOC 3003. Fall, spring semester.

SWK 3023. Human Behavior in the Social Environment I. Prerequisite or corequisite: SWK 2043. Theories and knowledge of human biological, psychological, and social processes as viewed from the micro- and mezzo-level perspectives with an emphasis on individual and family development. Fall semester.

SWK 3033. Human Behavior in the Social Environment II. Prerequisite or corequisite: SWK 2043. Theories and knowledge of human biological, psychological, and social processes as viewed from the mezzo- and macro-level perspectives with an emphasis on group and community development. Spring semester.

SWK 3053. Social Work Practice and Technology. Prerequisite: SWK 2043. A review of selected technologies that can be used to assist the social worker in practice. Some of the technologies explored are the computer, World Wide Web, FTP, e-mail, list servers, and network servers. Spring semester.

SWK 3063. Rural Social Work. Prerequisite: SWK 2043. A focus on the understanding of the unique dynamics needs and problems of the rural community. An examination of interventions and policy considerations in the practice of social work in rural settings. Fall semester.

SWK 3113. Social Policy. Prerequisites: SWK 2043, ECON 2203, PSCI 2003; prerequisite or corequisite: SOC 3013. An examination of the purpose, development,

and implementation of social policy. The relationships between social policy, ethics, and the goals of the social work profession are examined. Spring semester.

SWK 3123. Social Work Practice I. Prerequisites: SWK 3023, PSYC 2003, BSCI 1013/1011, SOC 2003; prerequisite or corequisite: SWK 3003. An emphasis on basic social work skills including (1) knowledge and techniques in interviewing and establishing the helping relationship, (2) understanding the application of the problem-solving process, and (3) social work as practiced in an agency setting. This course is available to social work majors only. Fall, spring semester.

SWK 3133. Advocacy. Prerequisite: SWK 3113. This course examines the methods used by the social workers when advocating for individuals, groups, and communities. Special attention is given to the role of ethics in advocacy. Both case and cause advocacy is considered. As needed.

SWK 3153. Research Methods I. Prerequisite: SWK 3183. A study of statistical methods, basic experimental procedures and designs, laboratory apparatus, and the treatment of experimental data. Same as PSYC 3153 and SOC 3153. Fall semester.

SWK 3183. Statistics. Prerequisite: MATH 1003 or MATH 1023. Descriptive and elementary analytical statistics, their concepts, and their application. Same as CRJU 3183, PSYC 3183, and SOC 3183. Fall, spring, summer.

SWK 4003. Domestic Violence. Prerequisite: Examination of the causes, effects, and legal aspects of domestic violence. Intervention techniques and prevention programs will also be studied. Fall semester as needed.

SWK 4053. Criminal Issues in Social Work. Introduces students to critical social work issues and to their impact upon individuals, families and communities. Spring semester, odd years.

SWK 4063. Research Methods for Social Workers. Prerequisite: SWK 3153. A systematic approach that integrates the essential components needed to successfully conduct research in human services and social work practice. Spring semester.

SWK 4073. Social Gerontology. Prerequisites: SOC 2003 or SWK 2043 and junior standing (nursing students are exempt.) An interdisciplinary course offering the study of the lifelong aging process, the changing social context of later life, societal response to the aged, and services available. Same as SOC 4073. Spring semester.

SWK 4083. Family Centered Child Welfare. Prerequisite: SWK 2043. Introduction to the concepts of family preservation, risk/safety assessment, and case management with emphasis on intervention strategies and services provided through child welfare agencies and related policy issues. Fall semester.

SWK 4123. Social Work Practice II. Prerequisites: SWK 3123, SWK 3033, and SWK 3113. A study of the skills needed in assessment, planning, contracting, and evaluating in the generalist model. Each skill is related to the need for professional documentation along with ethical and legal considerations. Spring semester.

SWK 4131. Field Practicum Seminar I. Corequisite: SWK 4864. Companion course for Field Practicum I allowing students to process their field experiences and integrate theory and practice. Fall semester.

SWK 4141. Senior Seminar. Prerequisite: Consent of the instructor. A weekly seminar to assist the senior student in transitioning from the student role to the professional role with an exploration of some of the possible difficulties. Issues such as obtaining employment, ethics, burnout, and establishing a support network will be covered. Spring semester.

SWK 4173. Advanced Topics in Social Work I. Prerequisite: Consent of instructor. Topics of special interest to social work and the generalist model. Topics vary each time offered. Fall semester.

SWK 4183. Advanced Topics in Social Work II. Prerequisite: Consent of instructor. Topics of special interest to social work and the generalist model. Topics vary each time offered. Spring semester.

SWK 4223. Social Work Practice III. Prerequisite or corequisites: SWK 3123 and SWK 4183. This course is an examination of problems confronting geographic communities and the techniques social workers employ to address such problems. Various communities are considered in the practice content with an emphasis on the rural mezzo and macro practice. Spring semester.

SWK 4231. Field Practicum Seminar II. Prerequisite: SWK 4131; Corequisite: SWK 4874. This course will focus on issues directly involved in working with agency staff, individuals, families, groups, collaborations, teams, and other disciplines. Outside readings and Internet searches focusing on the designated topics will be assigned weekly to prepare for the following week's discussion. Experiential exercises designed to facilitate self-growth and awareness of students will focus on using various tools and techniques compatible with the topics. An in-depth case presentation from the field practicum will be required. Spring semester.

SWK 4331. Field Practicum Seminar III. Prerequisite: SWK 4231; Prerequisite or corequisite: SWK 4884. This course will focus on issues directly involved in working with agency staff, individuals, families, groups, collaborations, teams, and other disciplines. Outside readings and Internet searches focusing on the designated topics will be assigned weekly to prepare for the following week's discussion. Experiential exercises designed to facilitate self-growth and awareness of students will focus on using various tools and techniques compatible with the topics. An in-depth case presentation from the field practicum will be required. Spring semester.

SWK 4864. Field Practicum I. Prerequisite: SWK 3123; Prerequisite or corequisite: SWK 4123 and SWK 4223; Co-requisite: SWK 4131. Field study designed to provide students with an understanding of the practice of social work in varied settings and populations. Students will be placed in multiple public or private agencies or institutions to gain an appreciation of the generalists practice model. Fall semester.

SWK 4874. Field Practicum II. Prerequisite: SWK 4864; Corequisite: SWK 4231. The purpose of this course is to provide students the opportunity to synthesize

knowledge, theory, and practice in a generalist practice model in direct work within a social work setting. SWK 4874 must be taken in the term immediately prior to taking SWK 4884. Spring semester.

SWK 4884. Field Practicum III. Corequisite: SWK 4331. This course is a continuation of field practicum SWK 4874. The purpose of this course is to provide students the opportunity to synthesize knowledge, theory, and practice in a generalist practice model in direct work within a social work setting. SWK 4884 must be taken in the term immediately following SWK 4874. Spring semester.

Theatre (THEA)

THEA 1001, 2001, 3001, 4001. Encore. A work course which includes production techniques and practices for a touring entertainment company. Each course may be taken for credit once only. Fall, spring semester.

THEA 1101, 2101, 3101, 4101. Theatre Dance. Individualized and group instruction in various types of dance for the theatre. May receive credit for dance and/or choreography in spring musical. Each course may be taken for credit once only. Fall, spring semester as needed.

THEA 1103. Introduction to the Theatre. A survey of theatre history, principles and techniques of theatre, and an introduction to theatre terminology. Fall semester.

THEA 1301, 2301, 3301, 4301. Theatre Production Practicum. Practical experience in theatrical productions. Open to the cast and crew of each major play. Each course may be taken for credit once only. Fall, spring semester.

THEA 2013. Dance and Stage Movement. Study and practice of basic elements of dance with emphasis on modern dance and dance as it might be used in the theatre. Spring semester.

THEA 2033. Voice and Diction. A lecture-laboratory course that develops the speaking voice for performance and any public presentation. Topics covered include breathing, projection, clarity and articulation, and non-regional speech. One dialect is introduced. Emphasis is on individual improvement and development. Fall semester.

THEA 2606, 4606. Summer Theatre Workshop. An in-depth study of theatre through the production of major plays for public presentation. May be taken only once for credit. Fall, spring semester as needed.

THEA 2613. Stagecraft. Stage scenery, lighting, basic design principles and procedures; theory and practice. Spring semester.

THEA 2633. Fundamentals of Acting. This course is an introduction to the essential tools of the actor. The ability to live truthfully within imaginary circumstances is developed through exercises that augment imagination, relaxed readiness, concentration, and awareness. Script and character analysis are introduced and culminate in a public performance of a scene. Fall semester.

THEA 3353. Oral Interpretation. Oral reading of prose, poetry, and drama with emphasis on interpreting thought and emotional content. Same as SPCH 3353. Alternate spring semester as needed.

THEA 3533. Auditions and Business. Prerequisite: THEA 2633 or permission of the instructor. This course develops the essential skills an actor needs to be successful in the professional world of theatre as an actor. Different audition situations are discussed. The student will prepare a portfolio of eight auditions monologues of various lengths and styles. Cold reading techniques will be covered and enhanced through the use of 12 successful audition guidelines. Headshot, resumes, and the different actor unions will be discussed. Auditions for commercials and camera will also be covered. As needed.

THEA 3573. Studies in Theatre I. Studies in theatre subjects drawn from American, British, or world drama. As needed.

THEA 3583. Studies in Theatre II. Studies in theatre subjects drawn from American, British, or world drama. Fall, spring semester. Alternate summer as needed.

THEA 3593. Studies in Musical Theatre. Prerequisite: THEA 2013 or permission of instructor. Studies in theatre subjects drawn from musical theatre, dance, and mime. Fall semester as needed.

THEA 3613. Costume and Make-up. A study of the basic principles of stage costuming and make-up, theory, and practice. Spring semester.

THEA 3633. Advanced Acting. Prerequisite: THEA 2633 or permission of instructor. This course continues the work initiated in THEA 2633. Scene study, monologues, and audition technique are emphasized. The semester culminates in a public performance of scenes and monologues. Spring semester.

THEA 3643. Theatre History I. Origins to 1600. Survey of the development of the physical theatre, presentation means and styles, origins and characteristics of tragedy and comedy, and representative plays from different periods of major playwrights. Fall semester, odd years.

THEA 3653. Theatre History II. 1600 to the Present. Survey of the development of the physical theatre, presentation means and styles, origins and characteristics of tragedy and comedy, and representative plays from different periods of major playwrights. Fall semester, even years.

THEA 3663. Performance in Shakespeare. Prerequisite: THEA 2633 or permission of the instructor. Approaches to acting the works of Shakespeare will be explored by various acting and vocal exercises. Two plays and sonnets will be explored for their action and character. Scansion of iambic pentameter; use of figures of speech; use of verse and prose are just a few skills that will be developed. Spring semester as needed.

THEA 3673. Creative Dramatics. Techniques of creative dramatics and children's theatre, experience in pantomime, improvisation, and presentation of plays for children. Fall semester as needed.

THEA 3813. Directed Study in Theatre. Prerequisite: Permission of instructor and department head. Individually designed to meet needs of students concentrating in drama. As needed.

THEA 4613. Theatre Design I - Scenery. This project-driven course is an in-depth study of the process of theatrical scene design, including script analysis, principles of design as applied to scenery, theatrical color theory, drafting modeling, and technical direction. Spring semester as needed.

THEA 4623. Theatre Design II – Lighting and Sound. This project-driven course is an in-depth study of the process of theatrical lighting and sound design, including script analysis, color theory, principles of electricity, equipment selection, light plots, set structure, sound plots, sound editing, and basic theatrical sound engineering. Spring semester as needed.

THEA 4633. Directing. This course introduces the building blocks of the director's process with emphasis on understanding and clarifying story and dramatic action. This is achieved by studying script analysis, understanding symbolic images, blocking and stage composition, working with actors and designers, and creation of a director's script. Each student directs a short play at the end of the semester. Spring semester, odd years.

THEA 4663. Contemporary American Theatre. An examination of trends, developments, current events, and practices in American commercial, regional, community and educational theatre. The course will also explore influential 20th and 21st century playwrights and production. Spring semester as needed.

THEA 4913. Theatre Internship. Prerequisites: Completion of 12 upper-class hours in theatre, senior standing, and a minimum grade point average of 2.50 or higher. Structured experience in a professional or university setting other than Southern Arkansas University in performance, production, stage management, costuming, or other areas of theatre. Fall, spring semesters as needed.

THEA 4923. Project in Theatre. Prerequisites: Senior standing and permission of theatre faculty. Major project in production: set design, costume design, lighting, directing, acting, play writing, and management. Students will be responsible for complete production workbook. Fall, spring semester.

THEA 4933. Special Problems. Prerequisite: Permission of department chair. Topics chosen from areas in technical theatre, lighting or scene design, sound, costume design, stage management, or any other related technical area. Fall, spring semesters as needed.

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 Training and Evaluation Coordinator for Title IV-E and Assessment Solutions
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- White, Scott R., 2000 Assistant Professor of Chemistry
 Chair, Department of Chemistry and Physical Science
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- Wilson, Deborah, 2003 Assistant Professor of Psychology and member of the School of Graduate Studies faculty
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- Wilson, J. P., 2000 Assistant Professor of Music
 Director of Bands
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 Professor of Biology and and member of the School of Graduate Studies faculty
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- Adams, Randall Henry, 1974-2008, Professor of Agriculture - Emeritus
B.S., M.S., Ph.D.
- Bates, Joe Alvin, 1965-2003, Professor of Psychology – Emeritus
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- Belmont, Anthony Michael, Jr., 1965-1996, Professor of English – Emeritus
B.A., M.A., Ph.D.
- Blanchard, Louis Johnson, 1956-1998, Professor of Accounting – Emeritus
B.B.A., M.B.A., C.P.A.
- Boaz, Ralph Scott, 1963-1993, Professor of Economics and Finance – Emeritus
B.A., M.B.A., Ph.D.
- Brinson, Harold Thomas, 1976-1993, Distinguished Professor of Education, President –
Emeritus
B.Ed., M.Ed., Ph.D.
- Brown, Kathryn Smith, 1945-1997, Professor of Kinesiology – Emerita
B.S., M.S., Ed.D.
- Callaway, Leland, 1963-1990, 1997, Professor of Office Administrative Services –
Emeritus
B.B.A., M.B.A., Ed.D.
- Campbell, Robert Gordon, 1952-1987, Professor of Music – Emeritus
B.A., B.M., M.M., Ph.D.
- Cole, R. H. “Bob,” Jr., 1963-1991, Business Affairs Administrator – Emeritus
B.S.
- Dodson, B C, 1961-1987, Dean, College of Science and Technology – Emeritus
B.S.E., M.S., Ed.S., Ed.D.
- Eichenberger, Rudolph J. 1982-2007, Professor Physics – Emeritus
B.S.E., M.S., Ed.D.
- England, Daniel Ray, 1972-1999, Professor of Biology – Emeritus
B.S.E., M.S.E., Ph.D.
- Flemister, Ida Morris, 1966-1988, Professor of Psychology – Emerita
B.A., M.A., M.R.E., Ed.D.
- Haefner, Donald Andrew, 1967-1997, Vice President for Student Affairs – Emeritus
B.A., B.S.E., M.A. Ed.D.
- Harton, Margaret Elizabeth, 1945-1975, Professor of Speech – Emerita
B.A., M.A.
- Peace, Alvarene Green, 1965-1993, Associate Professor of Economics and Finance –
Emerita
B.S., M.B.A.
- Robison, Henry Welborn, 1971-2008, Distinguished Professor of Biology – Emeritus
B.S., M.S., Ph.D.,

Sixbey, David Harold, 1968-1998, Professor of History – Emeritus
B.A., M.A.T.

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B.A., M.A.

Thomas, Ann Keese, 1966-1993, Professor of Psychology and Counselor Education –
Emerita
B.S., M.Ed., Ph.D.

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A.A, B.S.A., M.S.A., Ph.D.

Walz, Robert B., 1958 -1987, Professor of History – Distinguished Professor - Emeritus
B.A, M.A., Ph.D.

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B.S.N., M.Ed.

Distinguished Professors

Brinson, Harold T., 1976-1995, President, Distinguished Professor of Education
A.A., B.Ed., M.Ed., Ph.D.

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Robison, Henry Welborn, 1971-2008, Distinguished Professor of Biology - Emeritus
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B.A., M.A., Ph.D.

White, Gayle Webb, 1966-2010, Distinguished Professor of Management, Turner
Professor of Management
B.S.E., M.B.E., Ed.D.

List of Chief Administrators

D. J. Burleson	January-June 1911	Charles S. Wilkins	1945-1950
H. K. Sanders	1911-1913	Dolph Camp	1950-1959
W. S. Johnson	1913-1914	Imon E. Bruce	1959-1976
E. E. Austin	1914-1921	Harold T. Brinson	1976-1991
Charles A. Overstreet	1921-1945	Steven G. Gamble	1992-2001
		David F. Rankin	2002-

SAU Buildings and Grounds

Southern Arkansas University is located on an approximately 1,400 acres. The campus covers 162 acres, and 1,219 acres are used by the Department of Agriculture as a laboratory for its students. The buildings, predominantly brick structures, provide 1,110,997 square-feet of usable space. The topography is of moderate elevation, and the landscape slopes gently in all directions from the center of campus.

The Agricultural Education Building is a 5,000 square-foot, prefabricated steel building completed in 1980. Included in the building are an office and classroom, restrooms, a storage room, and a 3,600 square-foot shop area. The shop area is used to teach agricultural systems technology and was designed to model agricultural shops used in high school programs.

The Band Hall is a 12,600 square-foot facility located on Crescent Drive. It provides a 4,500 square-foot primary rehearsal hall, a 1,825 square-foot secondary rehearsal hall, four teaching studios and spacious storage areas for instruments and uniforms.

The Baseball Field is the home of the Mulerider baseball team. The press box, opened in 1990, houses a modern broadcast facility for intercollegiate baseball and trophies for 10 Arkansas Intercollegiate Conference titles. With the addition of new stadium lighting in spring 2006, SAU is now able to conduct night games. Additionally, a new 5,000 square foot club house has been designed and will be bid out for construction in 2010.

The Brinson Fine Arts Building is a modern brick and steel structure housing six major studios, a public gallery, a student gallery, a theater style lecture hall, a choir room, six music practice rooms, a piano laboratory, and offices for both art and music faculty. This striking, sculptural structure places the arts directly within the intellectual and geographic central hub of the SAU campus. A broad expanse of glass allows casual passersby to observe the displayed works of student and guest artists.

The Brown Health, Kinesiology and Recreation Complex and the Watson Athletic Center built of brick, tile, and concrete, houses a gymnasium seating approximately 1,750 people, an auxiliary gymnasium, an indoor pool meeting AAU standards, an athletic training facility, a physical therapy center, a kinesiology laboratory, a physical-fitness/weight-room center, a dance studio, shower and locker rooms, and faculty offices and classrooms for the Department of Health, Kinesiology, and Recreation.

The Imon E. Bruce University Center currently provides the following facilities: University Police Department; University of Arkansas Archaeology Survey Station and Museum; SAU Sports Information Office; and the Talent Search and Upward Bound program suites. New additions to the building in the spring of 2008 include: Bruce Center Game Room Complex which includes billiards, ping-pong, foosball tables and Wii suites; the Mulerider Sports Club complete with a computer lab study area and eight flat screen televisions on various sports channels. Finally, it houses a Quiznos soup/sandwich/pizza dining area on the upper floor.

The Business/Agriculture-Business Building is a spacious brick structure with two computer labs, four seminar rooms, 10 lecture classrooms, and the offices of the College of Business. Graced by a three-story atrium, this building was designed to present the

image of a corporate headquarters and features a technologically advanced video graphic projection system that provides access to satellite, cable, video, and computer graphic capabilities. A student lounge is complete with refreshment areas and conference rooms.

Childs Hall contains offices, classrooms, and laboratories for agronomy, anatomy and physiology, animal science, entomology, forestry, horticulture, and plant science. Cattle barns, milking parlor, silo, feed mill, implement sheds, farm shop, feeding barns, storage buildings, and a green house are adjacent to this facility.

Couch Memorial Natural Area donated to Southern Arkansas University in 2002, is a 33-acre site approximately three miles east of the main campus. It is a nature area that has developed from previous agricultural and timber production for ecological studies.

Cross Hall which was renovated in 1998, houses faculty offices for the College of Education; video viewing demonstration laboratories for graduate practicums; classrooms; the Department of History, Political Science, and Geography; and the Curtistine A. Walz Center for the Study of Cliometrics and Public Opinion.

Dolph Camp was renovated and enlarged in December 2001 to provide a new home for University Technology Services, two state-of-the-art computer labs and a video conference center. The structure also houses a recital hall, seating 128 people, equipped with a grand piano, a harpsichord, and a baroque pipe organ.

Faculty Housing includes four apartments, one duplex, and five detached houses for faculty and staff.

The Greek Amphitheater, completed in 1938, is a concrete structure seating 500 people for outdoor activities such as plays, pep rallies, and concerts.

International Services Center is a 5,027, multipurpose facility that houses the International Student Services Office and provides a "home-like" atmosphere for students. The first floor consists of an open-concept activity area containing a snack bar with café tables, comfortable living room area, small stage for musical performances or presentations, and a billiard area. In addition, there is a large conference room, office suite, and a full-size kitchen that is used for special occasions. The second floor houses a computer lab and a study room for students.

James H "Jimmy Red" Jones Readiness Center, situated on the west side of the campus, is a brick faced, clear span steel structure of modern design completed in the fall of 1976. It houses the offices and classrooms of the Arkansas National Guard. This structure includes six classrooms, a lounge, a kitchen, and a large assembly hall.

Governor Ben T. Laney Farm was acquired by the University on December 16, 2005. Located approximately a half-mile north of the main campus, the 650.29 acres was formerly the family farm of Arkansas Governor Ben T. Laney and his wife, Lucille. It was obtained through a purchase and trust arrangement that transferred the title of the property to the SAU Foundation. The land is primarily used by the Department of Agriculture, and the University plans to move many elements of the current SAU farm to the new property, including hay meadows, grazing pastures, dairy functions and broiler houses.

The Lowell A. Logan Biological Field Station completed in 1988, is on a separate tract of land some 10 miles from campus on Lake Columbia. This facility provides on-site laboratories and overnight accommodations for SAU students and faculty doing ongoing biological research and studying the development and ecological maturing of a water source. Special recreational opportunities are also developed around the Field Station.

The John F. and Joanna G. Magale Library is a centrally located learning resource center containing more than 148,000 book volumes. The library has 24 computers for student use and provides electronic access to more than 75 databases and over 12,000 full-text publications. Access to the library resources is through the library homepage at www.saumag.edu/library. The Magale building also houses the Teaching/Learning Center and the Writing Center.

Mulerider Activity Center, is a 30,000 square foot facility that will be located in the center of campus and will provide a base for a broad array of student activities. Major components include: multi-sport gym (basketball, volleyball, etc), indoor walking track, weight and exercise rooms, studio space for dance, exercise, etc, game rooms for arcade, Wii systems and the like, meeting rooms, concessions and more.

Mulerider Stables is a 14,000 square-foot state-of-the-art equine boarding facility provides accommodations for 60 livestock and is used by the SAU Rodeo Team.

Natural Resources Research Center is a \$2M, 3,800 square foot facility was completed in July of 2010 and will feature state-of-the-art research and laboratory capability. It will not only provide the tools to develop and promote local natural resources such as lignite, petroleum and bromine, but serve as a teaching and training facility for student development and research techniques. It will also provide an excellent opportunity for faculty research and development.

Nelson Hall renovated in 1995, is a two-story building which houses the enrollment management group of administrative offices. Included are the Office of the Dean of Liberal and Performing Arts, Office of Admissions, the Academic Advising and Assistance Center, the Communications Center, the Office of Financial Aid, Graduate Studies, the Office of the Registrar, and offices for ADAPT.

Overstreet Hall fronts the campus with a pillared, colonial facade. A three-story building, it houses the chief administrative offices of the University along with the Office of Financial Services on the first floor. The north extension houses the offices, classrooms, and workrooms of the Department of Theatre and Mass Communication and the 500-seat Margaret Harton Theatre, which faces the central quadrangle.

The Ozmer House is a restored dogtrot-type farmhouse built in 1883. It is used as a center to study regional culture. The Ozmer House is significant because it epitomizes the homes of family farmers in south Arkansas from the end of the Civil War until the early years of the 20th century. It is an exceptionally well-built and well-preserved example of the board-and-batten box construction.

J. M. Peace Hall is a two-story building, renovated in 2000, and it is located on the east side of the campus. It is the current home of the Department of Behavioral and Social Sciences.

The Physical Plant Facility, a modern metal building on the southwestern part of the campus, houses the maintenance shops, offices, central supply, and warehouse facilities. A campus-wide automation system operated at the plant provides more than 4,000 points of energy conservation and remote monitoring.

Donald W. Reynolds Campus and Community Center provides an array of facilities and services to SAU students, staff, faculty and the greater Southwest Arkansas community. With over 76,000 square feet of space, the center includes a 450 seat cafeteria, 500 seat ballroom, 200 seat theater/lecture hall, 30 seat formal dining and reception room, post office, bookstore, coffee shop, commuter lounge, and many conference and meeting rooms all equipped with the latest audio visual technology. Departmental offices are provided for Student Life, Multicultural Affairs, Counseling and Testing Center, Employment Resource Center, University Health Services, Student Activities, Student Government Association, and student organization offices. Non-profit community groups are provided an office complex for Area Agency on Aging, Columbia County Animal Protection Society, Magnolia Specialized Services, Habitat for Humanity, Magnolia Arts, Magnolia Community Housing Resource Board, Retired Senior Volunteer Program (RSVP), South Arkansas Youth Services, Magnolia Foundation, American Cancer Society-Steel Magnolias, and the Columbia County Soil Conservation District Office.

The Softball Complex will be completed in the next several years. The final product will include two complete fields with bleachers, concessions, restroom and media facilities. The first field is scheduled to be completed prior to the beginning of the 2010-2011 girls softball season.

Student Housing is provided in seven modern residence halls. The newest additions, Honors Hall North and Fincher Hall, provide suite-style living quarters for approximately 180 residents.

Tennis Courts are located by the physical education building. These 10 lighted courts are available for free play when not scheduled for classes and tournaments.

University Science Center is a 60,000 square-foot facility that was completed in March of 2010. This state-of-art structure will provide a new home for SAU's Biology, Chemistry and Physics disciplines, and be outfitted with the latest labs, instrumentality and research equipment available. It is the most advanced teaching facility of its type in the greater southwest Arkansas region.

University Village provides affordable student housing, SAU recently joined forces with Collegiate Development of Dallas, Texas, in a privatized housing venture. This \$12 million project provides quality suite-style housing for juniors, seniors, graduate students, single parents, and married students. The complex consists of six apartment buildings and a clubhouse totaling more than 100,000 square feet of space. There are a total of 84 units consisting of 48 four-bedroom and 36 two-bedroom suites. All are completely furnished and are complete with living room, bathroom, and kitchen accommodations. Occupants will enjoy a luxurious lifestyle with a clubhouse that provides a pool, convenience store, weight room, student lounge, and meeting areas. All basic utilities are provided and each resident is assigned a near-by parking space.

The Water Tower is a 187-foot tall Cor-ten steel structure constructed in 1976. Near the top is a peal of 14 cast-bronze bells. The tower provides a prominent architectural landmark to identify the Southern Arkansas University campus and a 50,000 gallon water supply for surrounding facilities. The water tower itself was awarded "Steel Tank of the Year" by the Steel Plater Fabricator's Association in 1976 and has been featured in Southern Living Magazine. In 1988, a tradition was established when the Water Tower was decorated into a 187-foot illuminated holiday candle.

The Welcome Center, formerly the president's home, is a modern-style facility of brick and glass located picturesquely on a landscaped lot overlooking the main campus. It is the focal point for various campus functions. The Welcome Center also provides a relaxed atmosphere for guests and visitors to our campus. It currently houses the Offices of Foundation and Development and the Office of Alumni Affairs.

The Wharton Nursing Education Building was recently renovated and enlarged to its current 25,000 square feet area which provides state of the art classrooms, demonstration and clinical laboratories, tutorial labs and other clinical training facilities.

Wilkins Stadium, with seating for 6,000 persons, a modern press box, and dressing rooms in the Auburn P. Smith Field House, is a facility completely equipped for football. An artificial turf playing surface, new concession facilities, and ticket booths were installed in 2006 and 2007.

Wilson Hall, a classroom and laboratory building of brick, steel, and glass, was completed in 1970. The first floor houses computer labs and classrooms, the tutoring center, offices of student publications and other student groups. The second floor houses offices, classrooms, and laboratories for mathematics, geology, and engineering. A lecture hall is also located in the second floor. The third floor consists of offices and classrooms for English, foreign languages, and philosophy; a sophisticated language laboratory; and an electronic learning center.

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