

HISTORICAL SKETCH

Henderson State University has a unique history. The only Arkansas university which has been controlled by both church and State, it is the only public one named for an individual. Of the nine Arkansas public universities, Henderson is one of only two originally established as a four-year, degree-conferring institution and is the second oldest university under state control. The university has operated for a century under six names: Arkadelphia Methodist College (1890-1904), Henderson College (1904-1911), Henderson-Brown College (1911-1929), Henderson State Teachers College (1929-1967), Henderson State College (1967-1975) and Henderson State University (1975-).

Henderson State University had its beginnings on November 6, 1889, when Arkadelphia civic leaders and members of the Methodist Episcopal Church, South, held a town meeting at the church to discuss establishment of a Methodist college for Arkadelphia and south Arkansas. Leaders of the movement, however, became convinced that the interest of the community could best be served by securing Hendrix College, an established Methodist institution then subject to relocation. Arkadelphia's failure to secure Hendrix College resulted in implementation of the original plan.

The institution was founded on March 24, 1890, and was incorporated as Arkadelphia Methodist College. It was chartered as a four-year, coeducational baccalaureate liberal arts college. The college opened on September 3, 1890, with 110 students and 10 faculty members. The name was changed to Henderson College in 1904 to honor Charles Christopher Henderson, a trustee and prominent local businessman. In 1911, the name was amended to Henderson-Brown College to honor Walter William Brown, who was also a trustee.

From its founding in 1890 until 1925, the college also operated an academy, which provided instruction for students desiring high school courses and for those not prepared to enter the collegiate curriculum.

Henderson was a sister institution of Hendrix College. In 1929, the educational commission of the Arkansas Methodist Conferences proposed that the two colleges be merged in Little Rock. However, through the efforts of Arkadelphia citizens and religious and political leaders of south Arkansas, the institution, then known as Henderson-Brown College, was offered to the State of Arkansas. The Arkansas General Assembly enacted legislation (Act 46) to "establish a standard Teachers College in Arkadelphia," and Henderson became a daughter of the state.

Today, Henderson State University is a multipurpose institution with an enrollment of approximately 3,600 students, offering both graduate and undergraduate programs of study that serve the diversified needs of higher education for Arkansas and the nation. Degree programs are offered through the Matt Locke Ellis College of Arts and Sciences, the School of Business, Teachers College, Henderson, and the Graduate School. The university operates the only aviation degree program in Arkansas and offers pre-professional studies.

In 1951, Henderson became a graduate center for the University of Arkansas and, in 1955, instituted its own graduate program. The university now confers four graduate degrees.

Since its founding, Henderson has occupied a position of educational leadership. Students and alumni have achieved national and international recognition, including Rhodes, Fulbright, and Rotary International Scholarships.

Throughout most of its history, the university has been affectionately known as "Henderson." The motto is "The School With A Heart." The colors are red and gray, and the students and athletic teams are appropriately known as Reddies.

Presidents of the University

George Childs Jones (1890-97) (1899-1904)
Cadesman Pope (1897-1899)
John Hartwell Hinemon (1904-1911)
George Henry Crowell (1911-1915)
James Mims Workman (1915-1926)
Clifford Lee Hornaday (1926-1928)
James Warthen Workman (1928-1929)
Joseph Pitts Womack (1929-1939)
Joseph A. Day (1939-1941)
Matt Locke Ellis (1941-1945)
Dean D. McBrien (1945-1963)
M. H. Russell (1963-1969)
Martin B. Garrison (1970-1986)
Charles DeWitt Dunn (1986-2008)
Charles Welch (2008– 2011)
Bobby G. Jones (2011-2012)
Glendell Jones Jr. (2012-)

ACCREDITATION

Henderson State University is accredited by the North Central Association of Colleges and Schools as a bachelor's and master's degree-granting institution, AACSB International-The Association to Advance Collegiate Schools of Business, National Council for the Accreditation of Teacher Education, Commission on Col-

GENERAL INFORMATION

legiate Nursing Education, Commission on Accreditation of Athletic Training Education, Council for Accreditation of Counseling and Related Educational Programs, National Association of Schools of Music, and holds program recognition from the Federal Aviation Administration and Nursing Program approval from the Arkansas State Board of Nursing. Henderson holds memberships in the American Association of Colleges for Teacher Education, National Commission on Accrediting (not an accrediting agency), American Association of University Women, National Collegiate Athletic Association, Association of State Colleges and Universities, the National Business Education Association, and the University Aviation Association.

MISSION STATEMENT

Henderson State University is Arkansas's public liberal arts university. True to the century-long tradition that has distinguished Henderson since its founding, the university remains dedicated to providing excellent undergraduate curricula and graduate programs. Henderson, a Southern regional institution with a diverse student body, advocates a program based on the liberal arts, regardless of specific educational interests. Through a common core of courses in arts and sciences, as well as through the more specialized curricula, the university fosters the maximum growth and development of each student. More specifically, Henderson endeavors to provide an education that will nurture in each student the capacity:

- To think logically and critically;
- To speak and write effectively;
- To appreciate the complexity and diversity of world cultures;
- To understand the physical universe;
- To participate as a concerned, intelligent citizen;
- To acquire mastery of a particular field of study;
- To mature intellectually, emotionally, and physically; and
- To discern appropriate uses of technology.

Henderson's primary mission is to excel in undergraduate education, always striving to enrich the quality of learning and teaching. In pursuit of this goal, the university seeks a culturally rich and diverse student community, actively recruiting, challenging, supporting, and motivating students to achieve academic success. Quality in education is fostered not only by a positively motivated student body, but also by a faculty and staff distinguished for their continuing commitment to excellence. University care and concern, positive student response, small class sizes, and a personal, friendly atmosphere-these characteristics are the heart of Henderson.

The university encourages excellence in teaching and supports scholarly and creative endeavors on the part of both its faculty and students. These endeavors form the foundation upon which Henderson builds appropriate programs in response to the needs of various communities that it serves. In close concert with these communities, Henderson applies its expertise to develop those programs that will promote the preservation and improvement of the quality of life in Arkansas.

OUTCOMES ASSESSMENT

Henderson is committed to a continuous process of improving all areas of the institution, particularly student academic achievement. Faculty regularly assess the extent to which students have developed skills, knowledge bases, beliefs, attitudes, and behaviors which are required of the specific profession and/or the applicable accreditation standards. Faculty and staff also evaluate student perceptions of coursework, teaching, advising, and other important services provided to support student learning. This allows students to have a voice in improving not only the quality of their own educational experience, but also the experiences of future Henderson students.

This assessment and evaluation process occurs at the individual, class, course, program, department, and university levels. Results of this assessment process are used to help make decisions to enhance the quality of student learning and the learning environment at Henderson. Students should anticipate participating in a wide array of evaluation and assessment procedures throughout their educational careers. All those who participate in this assessment and evaluation process, including students, faculty, and staff, are expected to enter into these procedures openly and honestly in an effort to assist Henderson State University in this continuous improvement process.

CURRICULA

Henderson State University offers curricula leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, (with specialization in performance, composition, or education), Bachelor of Science, Bachelor of Science in Education (with specializations in Early Childhood [P-4], Middle Childhood/Early Adolescence [4-8], and Adolescence/Young Adulthood [7-12] Bachelor of Science in Nursing, and Bachelor of Business Administration. Graduate programs lead to the Master of Liberal Arts, Master of Business Administration, Master of Education, and the Master of Science in community counseling.

The university has a sufficient variety of course offerings so that a professional program may be planned for students who desire, after one or more years of attendance, to transfer to a professional school of medicine, pharmacy, dentistry, nursing, law, engineering, or to specialize in other fields.

The undergraduate and graduate curricula for the preparation of teachers are coordinated with the state requirements for licensure to teach in the public schools of Arkansas and have been approved by the Arkansas Department of Education.

The minimum length of all curricula leading to a baccalaureate degree is four years. (A student may complete a four-year curriculum within three calendar years provided he or she takes full advantage of the summer sessions.) The first two years of study are devoted primarily to general education, with an essential foundation laid for later specialization. This plan has outstanding merit since an understanding of the physical and social environment and of the possibilities for usefulness in it is basic to an understanding of effective professional procedures.

The emphasis in the last two years is given to further growth in the fields of the student's major interests. The professional courses in education which lead to teacher licensure, including teacher internship, are normally reserved for the junior and senior years.

A student may earn two majors provided that the student meets all requirements for the degree and:

- 1) all requirements for both majors are completed at the time of graduation; and
- 2) both majors are appropriate for the degree that is being earned.

A student is not required to earn more than 120 hours provided all requirements are met as stated above.

Students who desire to earn two undergraduate degrees must graduate with the first degree and then complete a minimum of 30 additional hours including all requirements for the second degree. This would require a minimum of 154 hours.

Requirements must be met for each degree to include a minimum of 30 hours in residence.

The program of studies leading to a master's degree requires an additional year in residence study beyond the baccalaureate. The graduate student's program is planned to strengthen the background in professional education and field of specialization, with emphasis on the field of specialization.

BUILDINGS AND GROUNDS

Henderson State University is located in the residential area of the north portion of Arkadelphia, Arkansas. There are 30 major buildings on the 156-acre main campus. All buildings are of brick construction, with the more recent being of contemporary functional design.

Arkansas Hall is a two-story building that contains a 965-seat auditorium as well as a 162-seat studio theatre, dance studio, HTV studio, classrooms and offices for the communication and theatre arts department.

Barkman House is a two-story transitional Greek-Gothic design that was constructed around 1860 and is listed in the National Register of Historic Places. Barkman House houses the Office of Development and Alumni Services.

Caplinger Airway Science Academic Center is a two-story classroom building which houses the aviation department, mathematics and computer science department (*mathematics is located in Evans Hall*), military science department, and the Testing Center.

Captain (Charles Christopher) Henderson House Bed and Breakfast provides lodging and meeting space for university and public use. The home was built in 1876 by the namesake of Henderson State University and is listed in the National Register of Historic Places. The two-story mansion exhibits both Queen Anne and neo-classical styles.

Carpenter-Haygood Stadium, one of the best athletic fields in Arkansas, provides athletic dressing rooms, a press box, and seating for 9,600 people.

Charles D. Dunn Student Recreation Center provides student recreation and fitness facilities including courts, a running/walking track, a bouldering wall, various fitness training areas, dressing rooms, and office space for the Intra-

mural Sports Program and the Outdoor Recreation Program.

Dining Hall is a 22,000 square foot facility that houses the campus cafeteria which is open to students, employees, guests, and the general public.”

East Hall is a three-story residence hall housing 174 residents.

Education Center, a two-story structure, houses classrooms, faculty and administrative offices, conference rooms, and the Davis-Baker Preschool for Teachers College, Henderson. The University Multimedia Learning Center is located on the first floor.

Evans Hall is a two-story building that houses classrooms, computer laboratories, offices for the mathematics and computer science department (*computer science is located in Caplinger Airway Science Academic Center*).

Formby Athletic Center contains weight and training facilities for student athletes, and offices and team facilities for the football program.

Foster Hall Technology Center, a three-story structure, provides the latest in technology at the first floor student leisure lounge, and houses classrooms, training rooms, labs, conference rooms, and office space for Communication and Computer Services and the Disability Resource Center on the second and third floor.

Garrison (Martin B.) Activity and Conference Center, the hub of student activities, houses *The Oracle* student newspaper, *The Star* yearbook, KSWH FM 99.9 radio station, Reddie Café, Chick-fil-A, Starbucks, Reddie Bookstore, campus Post Office and Central Stores, student lounge areas, racquetball courts, an employee fitness room, computer lab, Grand Ballroom, conference and meeting rooms, and a lecture hall. Offices for Student Government Association; Student Activities and Orientation; Greeks and Student Organizations; the Academic Advising Center, the Center for Career Development; and the Garrison Center director are located in the center.

Huie Library is a three-story structure that contains almost one-half million items and which provides access to over 130 online databases to support teaching and research.

International Student Center is a three-story building that provides limited student housing and houses the Office of International Programs.

McBrien Hall, a three-story structure, provides offices, classrooms, labs and conference rooms for the English, foreign languages and philosophy; psychology; sociology; and social sciences, and houses the administrative offices for Ellis College of Arts and Sciences.

Mooney Hall provides classrooms, laboratories, and offices for the School of Business, Arkansas Small Business and Technology Development Center, Student Health Services, and the University Counseling Center.

Newberry Hall is an eight-story residence hall housing 350 residents.

Newberry House (Home Place) is a two-story brick colonial design located at the

corner of Henderson and Eleventh Streets which serves as the president's residence.

Nursing Building houses classrooms, laboratories, and offices for the Nursing Department.

Proctor Hall provides laboratories, lecture and discussion rooms for the Department of Family and Consumer Sciences.

Reynolds (Donald W.) Science Center provides a planetarium, greenhouse, laboratories, lecture halls, classrooms, and offices for the physics department, biology department, and chemistry department.

Russell Fine Arts Center is a two-story building that provides instructional, studio and performance facilities, offices for the fine arts, and houses the Harwood Recital Hall and the Russell Fine Arts Gallery.

Smith Hall is an eight-story residence hall housing 360 residents.

Sturgis Hall (Roy and Christine): The Honors College is a three-story structure that provides classrooms, laboratories, offices and student housing for the Honors College.

Wells Building houses training rooms, campus gymnasium, swimming pool, classrooms and offices for instruction in health, physical education, recreation, and athletic training and houses the director of Athletics administrative offices and team facilities for basketball, swimming, and volleyball.

West Hall is a three-story residence hall housing 174 students.

Whispering Oaks is a privatized campus apartment complex that provides efficiency, two-bedroom, and four-bedroom apartments with a total housing capacity of 288 residents.

Womack Hall, a three-story structure, provides administrative offices for the President, the Provost/Vice President for Academic Affairs, and the Vice Presidents for Finance and Administration, Student Services, and External Affairs. Also housed in Womack Hall are offices for General Counsel, Public Relations, Graduate School, Institutional Research, Assessment, Registrar, Business Office, Human Resources, Purchasing, Admissions, Financial Aid, Residence Life, and University Relations, Admissions.

All residence halls include lounges, office, laundry rooms and closets. Each room has phone, internet, and cable access.

ATHLETIC MEMBERSHIPS

In the field of athletics, many forms of competitive sports are encouraged, both on an intramural and intercollegiate level. The university is a member of the National Collegiate Athletic Association, Division II, New South Intercollegiate Swim League, and the Gulf South Athletic Conference.

FACTS/Nelnet Business Solutions: ONLINE PAYMENT PLAN

Fall and spring only:

- Go to www.hsu.edu
- Select A-Z Index
- Select the letter T
- Select Tuition Payment Plan
- Click on the word FACTS

FEES AND EXPENSES

The school year of nine months is divided into two terms or semesters, and students are charged accordingly for fees and on-campus meals and housing. The registration fee for 2013 - 2014 is \$191.00 per hour. In case of withdrawal from school, the scheduled refund policies apply to the remainder of the fees. All registration and course fees are payable in full at the time of registering.

The university maintains a cafeteria and residence halls for men and women. Application for each term must be made on a form supplied by the Office of Residence Life. On-campus meals and housing may be paid in full for the term on registration day or in four equal installments.

Registration is not complete until the fees and other expenses due registration day are paid. Diplomas for graduation and transcripts of credit are not released until all obligations due the university are paid in full. The university reserves the right to change the amounts of fees and on-campus meals and housing charges or to add new charges at any time such action is deemed necessary.

Registration Fee

Students. All undergraduate students (students working toward their first college degree) the registration fee for 2013 - 2014 is \$191.00 per hour.



Out-of-State Students

Students. All undergraduate out-of-state students (students working toward their first college degree) the registration fee for 2013 - 2014 is \$395.00 per hour.

Students who are residents of states contiguous to Arkansas will be admitted on the same scholastic standards as students who are residents of Arkansas.

No student shall be admitted to a state-supported college or university in Arkansas and be classified as an "in-state" student for student fee purposes unless he or she is a bona fide domiciliary of Arkansas and has resided in this state in that status for at least six consecutive months prior to the beginning of the term or semester for which the fees are to be paid.

An out-of-state student enrolled for a full, or substantially full, program of courses or credits at an educational institution is considered to be in Arkansas primarily for the purpose of attending school and not for the purpose of establishing in good faith a true, fixed, and permanent home constituting an Arkansas domicile. Continued presence in Arkansas during vacation periods or during a period or periods when not enrolled in an educational institution, where any one such period does not extend for at least six continuous months, shall not justify reclassification to an in-state student status.

Initial classification as an out-of-state student shall not prejudice the right of that student to be reclassified thereafter for following semesters or terms of enrollment as an in-state student, provided he or she has actually acquired such domiciliary prior to his or her reclassification by a college or university. In similar manner, an in-state student shall be reclassified for future semesters and terms where his or her domicile is moved to some other state. For Arkansas college and university purposes, a local domicile, together with residing here as such for six continuous months or more, is acquired through Arkansas coming to be one's home and his or her residence as distinguished from a temporary sojourn in Arkansas as a student, and involves the probability of remaining in Arkansas beyond graduation. The single fact of presence in Arkansas for at least six continuous months of attendance as a student enrolled in an Arkansas state-supported college or university, or in any other college or university in Arkansas, neither constitutes nor necessarily precludes the acquisition of a basis for reclassification, but is a factor to be considered.

The responsibility for registering under a proper classification for this purpose is placed upon the student; and it is the duty of each student at each time of registration, if there be any question of his or her proper classification or reclassification for fee purposes, to raise the question of his or her status with the Office of the Registrar in order to have such question settled by the Registrar. Any classification initially on enrolling and on re-enrolling in a college or university, or any reclassification, made or concurred in by the Registrar may be appealed for review and determination to the designated administrative person who, in his discretion, shall conduct informal hearings, receive evidence, and make an investigation as may be appropriate so that he may render a decision with notice thereof to the affected student. Written notice of such appeals procedure shall be provided to each student raising the question of his or her status with the Registrar.

A student from outside Arkansas shall have the burden of establishing by proof any claim that he or she is entitled to be treated as an in-state student for fee purposes, and evidence to that effect must be presented in writing, verified under oath by the student. Mere self-serving claims of local domicile and duration of stay are of little weight. A student who knowingly gives erroneous information in an attempt to evade payment of out-of-state fees shall be subject to dismissal from a college or university.

In determining proper classification and reclassification of students for fee purposes, the following rules and definitions shall be used for guidance:

1. "Domicile," in order to constitute one as an in-state student, means that Arkansas is the legal home and place of permanent living of such student for all purposes, and that the intention to make one's permanent home here has been manifested objectively by good faith acts, and that mere physical presence here is alone insufficient. In this sense, domicile is the equivalent of a legal residence. The rules require that a domiciliary of Arkansas be also physically present in such domiciliary status in Arkansas for at least six continuous months prior to recognition of that status for fee purposes.
2. For purposes where the student's status is dependent upon the domicile and place of residing of his or her parent or parents, the definition in (1) above shall govern the determination of domicile of the parents. Neither the mere fact of presence in Arkansas with his or her children while the latter are at-

tending a college or university or some other educational institution in Arkansas, nor the mere ownership of property located in Arkansas is sufficient proof of such local domicile and place of residing, but are to be considered together with all pertinent circumstances.

3. The domicile and legal residence of a minor student is the same as:
 - a. That of the parents or surviving parent; or
 - b. That of the parent to whom custody of the minor has been awarded by a divorce or other judicial decree; or
 - c. That of the parent with whom the minor in fact makes his or her home, if there has been a separation of parents without a judicial award of custody; or
That of an adoptive parent, where there has been a legal adoption, even though the natural parents or parent be living; or
That of a "natural" guardian, such as grandparents or other close relative with whom the minor in fact makes his or her home, where the parents are dead or have abandoned the minor.
4. Appointment of a guardian in a state outside of Arkansas will attribute the domicile of the minor student to that of his or her out-of-state guardian. Establishment of guardianship or adoption for the purpose of evading fees will not be recognized.
5. A minor emancipated by the law of his domicile or on reaching the legal age of majority has the power which any adult has to acquire a different domicile and a different place of residing; however, his prior domicile of origin continues until he clearly establishes a new one. Marriage constitutes emancipation of minors, both male and female.
6. For either an adult or an emancipated minor to acquire a domicile in this state, they must have permanently left their parental home, must have established a legal home (domicile) of permanent character in Arkansas other than for attendance in school here, and resided here for six continuous months as an Arkansas domiciliary, and must have no present definite intent of removing therefrom as of a time certain.
7. Determination of local domicile shall be based on a review of all pertinent factors and circumstances which collectively may reasonably be deemed to objectively manifest a state of mind regarding domicile.
8. Students living in the states bordering Arkansas who receive mail at an Arkansas post office are not domiciliaries of Arkansas.
9. A person in the armed forces does not gain or lose resident status by merely being in the military service.
10. An Arkansas resident 60 years of age or older may submit proof of age to the Office of Financial Aid and be authorized to enroll without payment of tuition. All other fees are required to be paid. Persons may enroll in any class

provided space is available.

Miscellaneous Fees

Applied music course fee is required on registration day from students enrolling in applied music courses. This fee is for individual instruction as follows and includes use of practice rooms.

1 hour of instruction per week per semester\$60.00
(2 or more semester credit hours)

1/2 hour of instruction per week per semester\$40.00
(1 semester credit hour)

A **teaching internship fee** of \$200.00 is required for students enrolled in the professional education semester.

Activity Fee (60.00): charged to all students enrolled in **06** or more hours of on-campus classes. This fee is used to cover expenses of providing activity programming such as coffee houses, spring fling, concerts and lectures. This fee is refundable only during the 100% bracket.

Athletic Fee (15.00 per credit hour/no maximum cap): charged to all students enrolled in on-campus classes, off-campus classes and on-line classes (undergraduate and graduate). This fee is used to cover expenses relating to the university athletic program. This fee is refundable in the 100% bracket only.

Band Fee (.25 per credit hour): charged to all students enrolled in any on-campus classes. This fee is used to offset the cost of band equipment and uniforms. This fee is refundable only during the 100% bracket.

Broadcast Fee (7.50): charged to all students enrolled in any on-campus classes. This fee is used to offset the cost of equipment used to operate the radio station and interactive television station. This fee is refundable only during the 100% bracket.

Building and Maintenance Fee (40.00): charged to all students enrolled in on-campus classes. This fee is used to cover expenses of major maintenance and major repairs to buildings and improvements on campus. This fee is only refundable in the 100% bracket.

Communication Fee (105.00 Fall and Spring - 75.00 Summer): charged to all students living in Whispering Oaks Apartments. This fee is used to cover the basic telephone hookup, cable hookup, and network hookup in each room. This fee is refundable and is prorated on a daily basis for the time spent at Whispering Oaks.

Communication Fee (95.00 Fall and Spring - 35.00 Summer): charged to all students living in East or West Halls, International House, Newberry, Smith, or Sturgis. This fee is used to cover the basic telephone hookup, cable hookup, and network hookup in each room. This fee is refundable and is prorated on a daily basis for the time spent living in these dorms.

Course Change Fee (5.00 per form): charged to students adding or dropping a class. The add/drop is processed in the Registrar's office, and the student

must come to the Business Office immediately to have the transaction(s) validated. Transactions not validated by the end of the day are voided. This fee is not refundable.

Duplicate I-20 Form (25.00): charged to international students that request a second, third, etc. I-20 form. This fee is not refundable.

Garrison Center Assessment (2.00 per credit hour/30.00 maximum charge per semester fall and spring and 2.00 per credit hour/12.00 maximum charge per semester during the summer): charged to all students enrolled in on-campus classes. This fee is used to cover the bond indebtedness on the Garrison Center. This fee is refundable only in the 100% bracket.

Graduation Application Late Fee (25.00): charged to students who are graduating and have not paid their graduation fee by the scheduled deadline.

Graduation Fee (70.00 graduate, 50.00 undergraduate): charged to students during the semester before graduation. This fee covers the cost of academic apparel and diploma. It must be paid before cap and gown can be ordered. This fee is not refundable.

Health Fee (48.00 Fall and Spring - 22.00 Summer): charged to all students enrolled in on-campus classes. This fee is used to cover expenses of services provided at the health office, such as over-the-counter medicine, any testing, and a limited nurse practitioner.

Health Fee (48.00 Fall and Spring - 22.00 Summer): charged to all students enrolled in on-campus classes. This fee is used to cover expenses of services provided at the health office, such as over-the-counter medicine, any testing, and a limited nurse practitioner. This fee is refundable only in the 100% bracket.

Late Payment Fee (50.00): charged to any student who has not paid payment #1 or have an approved payment plan by the 2nd class day during the summer sessions and the 5th class day during the fall and spring sessions.

Late Registration Fee (25.00): charged to any student who registers after the scheduled registration day. The student will process the late registration in the Registrar's office, and must come to the Business Office immediately to have the transaction(s) validated. Transactions not validated by the end of the day are voided. This fee is not refundable.

Library Fee (2.50 per credit hour): charged to any student enrolled in on-campus classes. This fee is used to purchase books, videos and other library materials. This fee is refundable only in the 100% bracket.

New Student Orientation Fee (50.00): charged to first time undergraduate students. This fee is used to cover all aspects orientation and registration and Heart Start for first time undergraduate students to include undergraduate transfer students.

Out of Region Intern Place Fee (500.00): charged to students who student teach/intern out of Henderson State University's region (See Dr. Judy Harrison for details).

Publication Fee (15.00): charged to all students enrolled in on-campus

classes for the fall and spring semesters only. This fee is used to offset the cost of publishing the *Oracle* and *Star*. This fee is refundable only in the 100% bracket.

Recreation Center Fee (125.00 Fall and Spring - 31.25 Summer): charged to all students enrolled in 07 or more hours of on-campus classes during the fall and spring semesters. Charged to all students enrolled on campus during the summer semesters. This fee is for the usage of the recreation center facility. This fee is only refundable in the 100% bracket.

Technology Fee (12.00 per credit hour): charged to all students including on and off campus classes. This fee is used to enhance the data and communication network at Henderson State University and to provide the software and services needed for the classroom and online courses. As more applications are added to the network, more bandwidth is required. The technology fee will allow us to execute long range implementation of necessary improvements to support the ever changing technology needs at Henderson State University.

Testing Fee (5.00): charged to all students during the fall, spring, and summer semesters to cover the costs of hiring proctors to administer tests. This fee is only refundable in the 100% bracket.

Transcript Fee (20.00): charged to all students their first semester at HSU only. This fee is used to cover expenses of all future transcript requests. This fee is refundable only in the 100% bracket.

Vehicle Registration Fee (30.00): The \$30.00 fee purchases a parking sticker that is good for fall, spring and summer terms. The cost of the sticker is \$20.00 if purchased for spring and \$10.00 for summer only. State sales tax of 9% will also be charged. The sales tax for a yearly sticker will be \$2.48, for the spring semester it will be \$1.65 and for the summer sticker it will be \$.83. The cost of the decal for a yearly sticker is \$27.52, for the spring semester is \$18.35 and for the summer it is \$9.17.

Course Related Fees: Various courses have fees that are used to cover expenses of that specific course. See itemized list of courses and fees. These fees are refundable only in the 100% bracket.

On-Campus Meals and Housing

The university maintains a cafeteria and residence halls for men and women. The cafeteria and residence halls are closed during scheduled holidays and between semesters and sessions. These holidays are not used in computing charges for the school term.

Occupants of all residence halls are responsible for damage and/or loss to their rooms. Rooms in university-owned facilities are reserved as follows:

1. Make a formal application for residency on the forms supplied by the Office of Residence Life.
2. Applicants for on-campus housing will be sent a contract form. This contract must be signed and returned with the required non-refundable application fee of \$50.00. A room will be reserved when the application, contract, and fee are received by the Office of Residence Life.

HSU has a MANDATORY on campus residency requirement. All single, full-time students attending the university under age 21 who have completed 59 or fewer hours prior to the first day of classes for the term and are not living with parents or legal guardians within a 60-mile radius of the university are required to live in university housing facilities and participate in a meal plan. Attaining the age requirement does not void contractual agreements made for university housing; provided, however, that a student who will attain the age of 21 prior to the first day of classes for the following Spring Semester may request a one-semester housing contract/and further provided that a student under 21 who satisfactorily completes 60 or more hours during the first semester may be released from the second semester of the housing contract. A non-refundable application fee is required before the application can be processed.

A student who is a military veteran with at least two years of service is exempted from these housing requirements.

The charges for on-campus meals and housing are:

Minimum Package provides room and choice of any ten (10) meals per week in Caddo Cafeteria. Also you may purchase a Minimum Package with \$175.00 DCB.

Standard Package provides room and choice of fifteen (15) meals per week in Caddo Cafeteria. Also you may purchase a Minimum Package with \$100.00 DCB.

Premium Package provides room and nineteen (19) meals per week in Caddo Cafeteria. Also you may purchase a Minimum Package with \$50.00 DCB.

Unlimited Package - see Residence Life. No DCB option available with the Unlimited Package.

Five Meal Package with DCB - see Residence Life.

Five (5) Meal Package W/DCB provides dormitory room and choice of any five (5) meals per week in Caddo Cafeteria plus \$200.00 in declining cash balance.

Installment dates for Fall and Spring 2014-2015 - see Business Office.

The fees and on-campus meals and housing expenses do not include the expense of books (about \$500-\$600 per semester), voluntary student organization expenses, laundry and cleaning, transportation, movies, soft drinks, and other incidentals.

Refunds

No refund on student fees will be made unless claim is made at the Office of the Vice President for Student Services at the time of withdrawal. The student identification card must be submitted at the time of withdrawal. Refunds will apply to registration fees. All other fees are refundable only during the 100% refund bracket.

A student who withdraws from the university will owe room and board until officially checked out of the residence hall.

Fees and Expenses for Each Summer Term

Undergraduate students pay a fee of \$191.00 per hour for each five-week term.

Graduate students pay a fee of \$238.00 per credit hour.

Miscellaneous fees for the summer may or may not be the same as fees for the regular academic year. Refer to fee sheet for list of summer fees.

Fees for Off-Campus Classes

The registration fees for undergraduate classes offered off-campus is \$191.00 per hour for in-state students and \$395.00 per hour for out-of-state students.

Graduate students who are residents of Arkansas pay a fee of \$238.00 per credit hour for off-campus classes. Out-of-state graduate students pay a fee of \$489.00 per credit hour for classes offered off campus.

STUDENTS WITH DISABILITIES

The Disability Resource Center is the designated office at Henderson State University that 1) obtains and files disability-related documents, 2) verifies eligibility for accommodations 3) identifies in collaboration with the student and the faculty reasonable academic accommodations, and 4) develops plans in partnership with the student for the provision of individual accommodations. It is the responsibility of students requesting an accommodation due to a qualifying disability to self-identify by registering with the DRC, to furnish documentation about the nature and extent of their disability, and to meet with a DRC education specialist for an intake interview.

Informing other staff or faculty does not constitute registering with DRC. Accommodation requests are evaluated individually to make a determination regarding the provision of reasonable accommodations based on a review and analysis of documentation and circumstances.

Students will need to meet each semester with an education specialist to discuss arrangements for requested accommodations. Early contact with the DRC is recommended and will provide for a smoother transition in obtaining your needed accommodations in a timely manner. Some accommodations such as American Sign Language interpreters, print materials in an alternate format, or access to specific assistive technology may take several weeks to obtain. Accommodations are not retroactive.

The Disability Resource Center assists students with the following types of accommodations:

- Adapted testing (e.g.: extended time, reader, scribe, use of assistive technology)
- Alternate print formats (e.g.: audio, large print, Braille)
- Sign Language Interpreters
- Room assignment consideration in Residence Life
- Priority scheduling
- Classroom and building accessibility

➤ Other accommodations as determined

If you have need for services due to the impact of your disability (e.g.: learning disability, psychological disorder, ADD, chronic health, mobility impairment, visual impairment, deaf/hard of hearing, Asperger's) contact the Disability Resource Center, Foster Hall 330, HSU Box 7594, Arkadelphia, AR 71999, telephone 870-230-5475 or drc@hsu.edu.

Students with questions about housing assignment considerations due to the impact of a disability while living in Residence Life need to contact the DRC as soon as possible for assistance. Request forms for housing assignment consideration are available through the DRC. It is highly recommended that your housing assignment request be made early (e.g.: late March/early April for the fall term and mid-October for the spring term).

Parking for individuals with disabilities is available on campus. For further information or special parking needs, contact the University Police, located in the Horton House, HSU Box 7572, 1125 Henderson Street, Arkadelphia, AR 719990001 or phone 870-230-5098.

The university is subject to and endorses both the Americans with Disabilities Act As Amended (ADAAA) and Section 504, of the Rehabilitation Act of 1973. The Compliance Officer for the ADAAA and Section 504 is the General Counsel, Room 309, Womack Hall, HSU Box 7744, 1100 Henderson Street, Arkadelphia, AR 71999-0001, phone 870-230-5089.

Students with disabilities who have questions or need assistance should contact the Disability Resource Center, Foster Hall, Room 330 or the General Counsel in Womack Hall. If any matter remains unresolved and a student wishes to make a formal complaint, the following procedures should be followed:

1. A complaint shall be made in writing or verbally to the General Counsel, Room 308, Womack Hall, HSU Box 7744, 1100 Henderson Street, Arkadelphia, AR 71999-0001, 870-230-5089, and shall contain the name and address of the complainant and a brief description of the alleged violation.
2. Complaints should be filed within thirty (30) days after the complainant becomes aware of the alleged violation. An investigation by the General Counsel shall follow the filing of a complaint.
3. A written determination as to the findings and the validity of the complaint, and a description of the resolution, if any, shall be issued to the complainant no later than ten (10) days after filing of the complaint.
4. The ADA Coordinator shall maintain the files and records relating to complaints filed.
5. The complainant may request reconsideration of the case in instances where he or she is dissatisfied with the investigation, findings or resolution of the General Counsel. This request should be made to the Office of the President within five (5) days of receipt of the determination.

6. The right of a person to a prompt and equitable resolution of a complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as filing an ADA complaint with the responsible federal department or agency nor is the use of this resolution procedure a prerequisite to the pursuit of other available remedies.

Sexual Harassment

Policy:

Henderson State University is committed to the maintenance of a working and academic environment free from all forms of sexual harassment. Sexual harassment violates university policy as well as state, federal, and local laws. It is neither permitted nor condoned.

It is a violation of Henderson State University's policy against sexual harassment for any employee or student at Henderson State University to attempt in any way to retaliate against a person who makes a claim of sexual harassment.

Any individual found to have violated the university's policy against sexual harassment will be subject to appropriate disciplinary action including, but not limited to, reprimand, suspension, termination, or expulsion. Any disciplinary action taken will depend upon the severity of the offense.

Definitions:

Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:

- A. Submission to, or toleration of, such conduct on or off campus is made a term or condition of instruction, employment, or participation in other university activities.
- B. Submission to, or rejection of, such conduct by an individual is used as a basis for evaluation in making employment or academic decisions affecting the individual; or
- C. Such conduct has the purpose or effect of unreasonably interfering with an individual's academic or employment performance or creating an intimidating, hostile, or offensive university environment.

The procedures for complaints can be found in the Student Guide, Faculty Handbook or Staff Handbook.

Miscellaneous Federal Legislation Affecting Students

Equal Employment Opportunity

Title VII of the Civil Rights Act of 1964

Sex Discrimination

Race Discrimination

Religious Discrimination

National Origin Discrimination

Equal Pay Act of 1963

Disability Discrimination

Americans with Disabilities Act of 1990
Rehabilitation Act of 1973, Section 504
Age Discrimination in Employment Act of 1967
Civil Rights Act of 1991

Students and Program Nondiscrimination

Title VI of the Civil Rights Act of 1964
Title IX of the Education Amendments of 1972
Rehabilitation Act of 1973, Section 504
Americans with Disabilities Act
Age Discrimination Act of 1975

Privacy of Student Records

Family Educational Rights and Privacy Act of 1974

Consumerism

Student Right-to-Know Act of 1990
Education Amendments of 1976

Campus Crime Reporting

Campus Security Act of 1990

Drug Use by Employees and Students

Drug-free Schools and Communities Act of 1989
Drug-free Workplace Act of 1988

Questions concerning any of the above statutes should be directed to the Executive Assistant to the President, Room 308, Womack Hall.

ACADEMIC PROCEDURES

A student interested in attending Henderson should write to the Office of University Relations/Admissions, Box 7560, for the necessary information and forms or visit the university website at www.hsu.edu.

A candidate for admission must submit:

1. A completed application for undergraduate admission.
2. An Arkansas Certification of Immunization OR a Henderson self-completed Medical History and Health Evaluation form.
3. An official transcript of previous work.

A student with no previous college study must submit an official high school transcript indicating cumulative grade point, class rank and date of graduation or GED certificate.

A student transferring from other colleges must submit official transcripts from all colleges attended. Transfer students must provide ACT or alternate test scores, or documentation that remedial courses are not required.

Transfer students with less than 12 hours of transferable work must satisfy the admission requirements of first time freshmen. Remedial and vocational and technical credits do not transfer. Only grades of "C" or higher will transfer.

4. Test Scores:

Each entering freshman is required to submit scores for the American College Test (ACT) or alternate test. Test scores sent from The American College Testing Program are to be on file at the time of admission. It is most important that the test be taken at one of the regularly scheduled periods (October, December, February, April, June) during the year prior to college entrance. The test scores provide added bases for guidance, placement in developmental courses, and possible advanced standing. The residual ACT will be available on campus on registration day and additional dates each semester. Call the Director of Testing at 870-230-5470 for exact dates and times.

On entrance, the university may require additional guidance testing.

Students who transfer to Henderson with fewer than 60 hours must submit placement test scores (ACT, SAT, COMPASS, ASSET).

5. Credit for work completed will be granted only to students who have completed entrance requirements.

Students may enter at the beginning of the fall or spring semester and at the beginning of either of the summer terms. Students may register for the maximum semester hour load during the first five days of a semester. Registration for a summer term may not be later than the second day of the class.

High School Requirements for Admission

A unit is defined as a subject studied in an accredited high school through a session of not less than nine months, recitation periods being not less than forty minutes in length, five times a week or by other arrangements approved by the Arkansas Department of Education. On the average, a full year's high school

REGULATIONS AND PROCEDURES

should give four units of credit.

Admission Criteria

The failure of colleges and universities to establish clear standards for admission has exacerbated the problem of students seeking admission who are poorly prepared for collegiate work. Investment in instruction for remediation has increased substantially as a result. To send a clear signal to students who are contemplating college, Henderson has established significant admission standards which will encourage students to enroll in a pre-collegiate curriculum in high school and which will permit the university to deal effectively with the needs of potentially promising students who require remedial work. The following criteria, therefore, has two major components: (1) overall unconditional admission standards and (2) conditional admission of students who may require extensive remediation.

Students must have a minimum ACT Composite score of 19 for unconditional admission.

Students must have an ACT Composite score of 16, 17 or 18 for conditional admission and will be required to register with the Academic Advising Center. Recalculated ACT Composite scores may be used for admission only.

Act 1290 of 1997 requires students graduating from high school in 2002 and after to have completed the high school core curriculum with a grade point of 2.0 on a 4.0 scale for unconditional admission. Students who fail to meet the requirements may be admitted on a conditional basis. Students who receive a GED or are graduates of home schooling or private high schools after May 12, 1999, must make a composite score of 19 on the American College Test (ACT) or the equivalent score on the SAT or COMPASS in order to be unconditionally admitted.

The Henderson State University Office of Academic Affairs and the Office of University Relations/Admissions are responsible for implementation of this policy. The Office of University Relations/Admissions will inform incoming students of their admission status upon receipt of application materials. Transcripts of out-of-state high school students will be evaluated by the Office of University Relations/Admissions for meeting the core curriculum and required grade point.

Students admitted with the state conditional status will be required to complete 12 hours of the Henderson Liberal Arts Core with a minimum 2.0 grade point average as well as any required remedial courses within their first 30 semester hours attempted, excluding developmental courses. Failure to meet these conditions will result in dismissal from the university.

Not Eligible for Admission

An applicant with an ACT composite score of 15 and below is not eligible for

admission to Henderson State University.

All first-time entering freshmen at all state-supported colleges and universities in Arkansas who are admitted to enroll in a bachelor's degree program or in associate degree programs which transfer to the bachelor's degree are tested for purposes of placement in either college-level credit courses in English and mathematics or remedial courses in English, reading, and mathematics. Remedial courses shall not provide credit toward a degree.

To encourage the completion of remedial courses during the first year of college work, a student is limited to one repeat of a remedial course. Any grade other than "W" in a remedial course is counted as a repeat. If the student has not completed the remedial requirement after one repeat, the student may either complete the remedial course(s) at another institution or pay additional course fees of \$100.00 for each additional repeat. The university has a requirement that students may not enroll in upper-division courses until all remedial requirements have been met.

The score for college-level courses in mathematics, English, and reading is 19 or above on the Enhanced American College Test in each of the three areas. Students may offer equivalent scores on the COMPASS or SAT.

ASSESSMENT-RELATED COURSES

(Should be completed during freshman year and prior to taking upper-division courses)

_____ ENG 0423	Basic English ACT: 0-18 SAT: 0-469 ASSET: 0-44 COMPASS: 0-79
_____ RDG 0043	Academic Reading ACT: 0-18 SAT: 0-469 ASSET: 0-42 COMPASS: 0-82
_____ MTH 0003	Elementary Algebra ACT: 0-15 SAT: 0-389 ASSET: 0-32 COMPASS: 0-24
_____ MTH 0013	Intermediate Algebra Mandated ACT: 16-18; Suggested ACT: 19-20 Mandated SAT: 390-459; Suggested SAT 460-480 Mandated ASSET: 33-38; Suggested ASSET: 40-48 Mandated COMPASS: 25-40

All admission materials must be sent to the Office of University Relations/Admissions by an official of the high school and should be in that office no later than the date of registration.

Henderson may accept students in grades 9-12 as part-time students for academic credit. Each student must be recommended by the high school principal, have a minimum ACT score of 19 in English, reading, math and composite on national norms, have a minimum grade point average of 2.50 (A=4.0), or meet other performance criteria which justify waiver of test scores and grade average. The student's high school status will be disturbed to the least possible extent.

Admission From Another Institution

Advanced standing on credits from an accredited institution will be allowed when a certified transcript and a letter of honorable dismissal from the college previously attended are sent to the Office of University Relations/Admissions of this institution from the Registrar of the other institution. If the student is on suspension, it will be necessary for a letter to accompany the transcript showing that the student could re-enter the institution from which he or she is transferring. The student cannot earn degree credit from Henderson or any other institution while on suspension from a previous college or university. Transfer students on probation must participate in a program of the Office of Academic/Career Services.

Transfer students must have at least a 2.00 cumulative grade point average in order to be admitted to the university, based on Henderson's computation of courses. Only grades of "C" or higher will transfer. However, all grades (with the exception of remedial courses) will be used to determine Henderson's student transfer admission eligibility. Remedial courses do not transfer for college credit and do not count in the cumulative grade point average. Transferable course work from accredited institutions will be posted to the Henderson transcript, but the grades from those institutions will not be used to calculate the cumulative grade point average.

Students may petition to transfer up to 7 hours of "D" grades with the following stipulations:

1. Courses must satisfy Henderson Liberal Arts Core requirements.
2. Transfer students must petition by the end of the first semester or summer term in attendance at HSU.
3. Henderson students taking courses at other institutions must petition by the end of the semester or summer term after the course grade is awarded.
4. The transfer of "D" grades in the Liberal Arts Core is irrevocable.

In evaluating transcripts of transfer students, the entire cumulative record will be accepted regardless of the fact that a student's record may show credits from one or more colleges.

A student may transfer a maximum of 60 semester hours of credit from a junior college. **A student who has earned 60 hours of credit from all schools attended may not earn additional hours of degree credit at a two-year institution.** The university reserves the right to determine the number of hours of credit to be accepted toward a degree. All course grades from previous institutions will be utilized in determining the academic status of the student. Transfer students majoring in a program within the Ellis College of Arts and Sciences must complete a minimum of nine upper-division hours at Henderson State University in their major.

A student who earned 90 hours of credit from all schools attended may not earn and transfer additional hours of degree credit from another four-year school. The minimum credit requirement for residency is 30 hours. Students who take more than 30 hours at Henderson must complete the last 30 semester hours on campus, except that six of the last 36 may be complete by extension, transfer, or correspondence with previous approval. (Fall 2012)

A maximum of six hours of religion will be accepted for degree credit. The Registrar and the Committee on Admissions and Adjustments will administer this section.

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

Admission of Undergraduate International Students

International students wishing to apply to attend Henderson State University as undergraduate students must submit the following:

- A completed, signed and dated application for admission of international students.
- A \$30 non-refundable application fee paid in U.S. dollars in the form of a bank draft, money order, or personal check.
- Students from countries where English is not the first language must submit official Test of English as a Foreign Language (TOEFL) scores of at least 500 paper based, 173 computer based, or 61 Internet based. The Henderson State University code number is 6272. A score of 5 on International English Language Testing System (IELTS) is also acceptable.
- A completed and certified financial statement form verifying that you can financially support yourself for one academic year while a student in the United States.
- A certified transcript in English--listing courses, examinations, grades, and marks, including proof of graduation.
- Official results from the ACT or SAT Test.
- Application files must be complete by May 31 for admission for the fall semester and October 31 for admission in the spring semester.

When the above requirements are satisfactorily completed, you will receive a letter of admission and an I-20 form. In order to obtain your travel visa to enter the United States you must present these documents to the American Consulate or Embassy in your country.

New international students are required to arrive at Henderson on certain days at the beginning of the semester in order to attend orientation. Please confirm with the International Programs Office at Henderson for specific dates for arrival and orientation for the semester in which you are entering Henderson.

Upon arrival, international students must pay the total cost for tuition, fees, room and board, and mandatory health insurance. All new international students are required to live in the university residence halls.

All international students admitted to Henderson State University must purchase the mandatory health insurance and must enroll in a minimum of 12 credit hours each semester in order to remain in good standing according to the F-1 Visa regulations prescribed by the USCIS.

International students wishing to transfer from another college or university in the United States must:

- Fill out the International Student Admissions Application. Please check that you are a transfer student.
- Submit official transcripts from the American university that you are currently attending.
- Send a completed and certified financial statement form verifying that you can financially support yourself for one academic year.
- Go to our website, print out the transfer form, fill out the top half and submit it to the school you are currently attending. Once the form is completed by the International Advisor or Director at your current school, send it to the Office of International Programs at Henderson.

For the most current information on international student admissions, please see our website at <http://www.hsu.edu/international>.

Other Methods of Admission

Students who wish to take a specific class for recreation or personal improvement may be admitted to take one course for one semester only without having to provide official transcripts. Students are not eligible to be admitted in this manner if it has been determined they do not otherwise qualify for admission. Individuals may choose to be admitted as non-degree seeking students if they meet all admission requirements.

State Minimum Core

Students who plan to transfer to another public institution in Arkansas may complete the following courses to meet up to 35 hours of general education.

English/ Communication

Six (6) hours required from the following:

ENG 1463, Freshman English A **and**
ENG 1473, Freshman Eng. B **or** ENG 1803, Honors Freshman English

Three (3) hours required:

COM 2013 Oral Communication

Mathematics

Three (3) hours required from the following:

MTH 1243, College Algebra **or**
MTH 1275, Precalculus Math **or**
Any higher-level mathematics course

Natural Science

Four (4) hours required from the following:

BIO 1013, Introduction to Biology and
BIO 1021, Introduction to Biology Lab or
BIO 2104, General Botany or
BIO 2114, General Zoology

Four (4) hours required from the following:

CHM 1004, Introduction to Chemistry or
PHY 1024, Introduction to Astronomy or
CHM 1014, University Chemistry or
CHM 1034, General Chemistry or
PHY 2034, General Physics or
PHY 2234, University Physics I

Three (3) hours required from the following:

ART 2033, Humanities: Art or
THA 2033, Humanities: Theatre Arts or
MUS 2033, Humanities: Music or
HUM 2093, Fine Arts (Honors)

Three (3) hours required:

ENG 2013, World Lit I or
ENG 2023, World Lit II or
ENG 2683, Masters of Western Lit.

Social Sciences

Three (3) hours required from the following:

HIS 2053, U.S. to 1877 or
HIS 2063, U.S. since 1877 or
PSC 1013, American National Government

Three (3) hours required from the following:

HIS 1013, World Civilization to 1660 or
HIS 1023, World Civilization since 1660 or
HIS 1043, World Civilization since 1660 (Honors)

GUARANTEED EIGHT-SEMESTER DEGREE COMPLETION PROGRAM

Pursuant to Act 1014 of 2005, qualified first-time freshmen may elect to participate in a guaranteed eight-semester degree completion program for most bachelor's degree programs. The list of degree majors that are included in the eight-semester degree completion program is published in the [Freshman Catalog Supplement](#) available on the Henderson website. First-time freshmen must accept or waive participation in the guaranteed eight-semester degree completion program.

When choosing to participate in the guaranteed eight-semester degree completion program, a student accepts responsibility for monitoring his/her progress toward a degree and for making choices that will lead to graduation in four years. A first-time freshman is not eligible for this program if any of these conditions are applicable:

1. The student has not declared a major.
2. The student is required to complete one or more remedial courses.

3. The student's area of study is not included in the list of eligible degree programs.

The eight-semester degree completion plan will be voided for the following reasons:

1. The student's cumulative grade point average drops below 2.00.
2. The student fails to complete a minimum of 31 hours each academic year.
3. The student does not accept any available course section that can be accommodated in his/her class schedule.
4. The student changes his/her major or minor.
5. The student falls below full time enrollment at any time during any semester.
6. The student fails to follow exactly the eight-semester degree plan for his/her major.
7. The student drops or fails a course in the eight-semester degree plan.
8. The student earns an unsatisfactory grade in any course that requires a grade of "C" or better.
9. The student fails to meet departmental or school/college requirements pertaining to grades or standardized test scores.

ACADEMIC REGULATIONS

Remedial courses in mathematics, reading, and English are additive to the 120 hours normally required for graduation. Students are required to enroll in necessary remedial courses each fall and spring semester until all remediation is

completed.

Students may not enroll in upper-division courses (3000-4000) until all remedial requirements have been met.

Credit is not awarded for remedial courses and will not be computed in the cumulative grade point. However, the grades for remedial courses will be computed in the semester/term grade point average and will apply to academic standards (suspension/probation).

In order to be granted a bachelor's degree, the candidate must have satisfied the requirements of scholarship and character; and

1. Have completed with a passing grade a course of at least 120 semester hours of work with a 2.00 cumulative average (see grade point system below) on all work.
2. Not more than 30 hours shall have a grade lower than "C," and no grade lower than "C" will be accepted in a teaching field, a major, minor, courses required for licensure or the required professional education courses. The chair of the department involved may, however, approve an alternate course rather than require that a "D" course be repeated.
3. Forty-two semester hours of the student's credit must be in junior and senior level college courses. Intermediate foreign language may be counted to meet this requirement if taken during the junior or senior years.
4. Have satisfactorily completed the English proficiency requirement.
5. Students may take part in the May commencement if they are within seven hours of degree completion and enroll in the deficit courses the following summer terms.

The unit of reckoning credit is the semester hour, which denotes one hour of recitations or equivalent per week. Two hours of laboratory are counted as equivalent of one recitation.

A one-semester course in American history or American government in college is required by state law before any degree may be granted.

A planned program of instruction in conservation is a part of the general education program. This meets state requirements for such instruction for all students preparing to be teachers.

A veteran with a minimum of 24 months of active military service may apply for four semester hours of credit in physical education. A veteran with 12 months service may apply for two hours.

Grading and Classification System

The "A" is given only for superior achievement and to a relatively small number of excellent scholars. The grade "B" represents good achievement. The grade "C" is given for average achievement, and the grade "D" for poor but passing work. The grade "F" is given for failing work. The grade "W" indicates withdrawal

from the third week through the 10th business day after mid-semester grades are issued, and during the second week of a summer term. The grade "WP" indicates withdrawal with a passing grade. The grade "WF" indicates withdrawal with a failing grade.

"I" is assigned when the student, for reasons sufficient to the instructor, has not been able to complete some vital portion of the work. Until the work is completed, the "I" is not computed in the grade point average. If the incomplete work is not made up in one calendar year following the semester's end, the grade automatically will become an "F" unless extension of time is granted by the dean of that school or college.

Students wishing to dispute a grade must do so within the first 60 days of the fall semester for spring and summer courses, or the first 60 days of the spring semester for fall courses.

In recording and computing the student's records, a grade point system is employed. The following grade points are used for each semester hour of credit: A = 4 points; B = 3 points; C = 2 points; D = 1 point; and F = 0.

The grade point system outlined above shall be used in determining eligibility for participation in all extra-curricular activities such as athletics; all intercollegiate competition; fraternity and sorority membership; the awarding of honors, such as membership in Alpha Chi and other honorary organizations; and placement on the Dean's List and Honor Roll.

A freshman is a student who has less than 30 semester hours of credit.

A sophomore is a student who has 30 or more semester hours of credit and less than 60 hours.

A junior is a student who has 60 or more semester hours of credit and less than 90 hours.

A senior is a student who has 90 or more semester hours of credit.

The university distinguishes carefully between lower level and senior college work. Senior college courses are indicated by numbers from 300x to 499x, inclusive. A senior may not elect a freshman course for credit unless the course is required for graduation. Before registering in 4000 level courses, students must have completed 30 hours credit or have the approval of the chair of the department offering the courses.

Auditing Courses

A student may audit a class for no credit only on the approval of the instructor. Auditing of a class is allowed on a space-available basis, and regular fees and enrollment procedures are required. However, the student will not be permitted to take the final examination and no credit hours earned nor any indication of the level of performance will appear on the transcript entry. Audit enrollments do not fulfill requirements for load considerations by the Veterans Administration or financial aid. A student who completes an audited course will receive an "AU" grade.

Students auditing a course are expected to make a commitment to their education by attending classes regularly. If the auditing student fails to meet the regular attendance requirement as defined by the instructor, the instructor may drop the student with a "W" grade.

Students who initially enroll in a course for credit may be permitted to change their enrollment to audit during the first three days of the fall and spring semesters, and the first two days of a summer term. The appropriate form must be filed in the Office of the Registrar during this time period.

During the term that a course is being audited, the audit cannot be changed to credit. However, the student may enroll in the same course for credit at a later semester. Coursework must be completed during the semester that credit is earned.

Academic Standards

A student will be placed on academic probation whenever his/her cumulative grade point average falls below 2.00.

A student once placed on probation remains on probation until his/her grade point deficit is erased. A student on probation who does not make at least a 2.00 average during a semester shall be suspended for one semester. A student who has returned on probation following a period of academic suspension or who has been reinstated by the Admissions and Adjustments Committee shall earn at least a 2.00 average each semester while on probation in order to continue as a student. A second suspension will be for one calendar year. If a student is suspended for a combination of three times for academic reasons at this institution or any other, he/she will be dismissed from the university.

Summer school is not considered in the application of suspension or reinstatement. However, students will be placed on probation or removed from probation based upon the cumulative grade point average at the end of each grading period in the summer.

A transfer student will not be admitted who is not eligible to enroll at the institution of higher learning previously attended or who submits a record below the minimum requirements of Henderson.

All letter grades and hours of courses scheduled will be used to compute averages except as described in the section entitled "Repetition of Courses."

A student will not be dropped for academic reasons without having been placed on probation or admitted on probation/condition. A student placed on probation (or one already on probation) may continue in school if his or her cumulative average at the end of the subsequent semester will remove the student from probation, or if his or her semester average for the subsequent semester is 2.00 or above.

A student who is suspended may appeal to the Admissions and Adjustments Committee for earlier re-entry, and a student who is dismissed may appeal for re-admission.

Repetition of Courses and Grade Forgiveness

Undergraduate students may repeat any course at their option. Credit for the course is granted only once unless the course is designated a repeatable course. The last grade and credit hours for a repeated course are used for computing a student's grade point average and for awarding credit hours applicable towards a degree or certificate, even if the last grade is lower than the previous grade and credit hours (**grade forgiveness**). **Only courses repeated at Henderson may be used for grade forgiveness. Courses repeated at another school will satisfy degree requirements, but will not count in the cumulative grade point average. In these cases, Henderson course grades will continue to count for the purpose of computing grade point average.** A grade of "W", "WP", or "NC" will not replace a previous grade or credit hours for a course.

Academic Clemency

Academic clemency may be granted to any returning student who has not been enrolled in any institution of higher education for a minimum period of three years. Returning students who meet that criteria must petition for clemency during their first semester enrolled for course work; however, clemency will not be granted until a student has completed 15 hours after requesting clemency with a minimum grade point average of 2.5; student will be notified in writing by the Registrar of action taken regarding clemency. If clemency is awarded, all previous grades prior to the date of petition for clemency will not be counted in a student's new grade point average; the "slate will be wiped clean;" the awarding of clemency should be noted on a student's transcripts. Clemency covers all hours earned during the terms for which it is granted. Students are required to submit petitions for academic clemency to the Registrar. Transfer students who received clemency at another institution may petition for clemency; however, they must meet Henderson criteria to be eligible for clemency at Henderson.

Student Load

Normally a student enrolled for 11 semester hours or less will not be considered a full-time student. A regularly enrolled student is urged to enroll in at least 15 semester hours.

The maximum load for a regularly enrolled student is 18 semester hours. Students of exceptional ability may be granted permission to take additional hours of work. Students may not enroll in more than 23 hours in a semester, nor receive more than 23 hours credit from all schools attended in a semester. Correspondence courses are counted in this load. In-service teachers have a maximum load of six hours. The maximum load for a summer session is seven hours per term.

Academic Course-Load Limitation (Restriction)

Henderson State University has set a standard of scholastic achievement that every student must reach. Students who have cumulative GPAs below 2.00 at Henderson will be placed on academic probation. These students will be electronically flagged, and a maximum course-load limit of fifteen credit hours (15) will be implemented. Course-load limitations will be determined by cumulative GPA and scholarship requirements. A semester course-load limitation includes enrollment in all classes whether taken on campus, at another university, on-line, or through correspondence. Courses beyond the 15-hour limit taken simultaneously at other institutions will not be recognized by Henderson. Students placed on academic probation will be notified of academic status through Henderson email accounts following final grade posting. Academic probation status will also be indicated on unoffi-

cial transcripts which students can access through *myHenderson*. It is the individual student's responsibility to be aware of his/her academic status. If a student has a cumulative GPA below 2.00 after final grade posting and has pre-registered for more than 15 hours, his/her schedule will be reviewed by both the Academic Advising Center staff and the student's major advisor and adjusted accordingly. Students on probation must have schedule changes approved through the Academic Advising Center. In addition to the course-load restriction, students requiring remediation will be required to report to the Academic Advising Center for additional support services. All restrictions will be lifted when the individual student achieves good academic standing by earning a cumulative 2.00 GPA or above.

Remediation Students: Major/Load Restrictions

Students requiring remediation in **more** than one subject area will be limited to enrolling in a maximum of 15 credit hours per semester until remediation is completed. Students requiring remediation will be required to enroll in necessary remedial courses each fall and spring semester until all remediation is completed. (See catalog under "Academic Regulations" for further details). These students will be advised through the Academic Advising Center. Students who require remediation in only one area are not subject to the above restrictions.

Residence Requirements

The minimum residence requirement for the granting of any degree is one academic year or its equivalent. The minimum credit requirement is 30 hours, and the minimum number of weeks in residence is 32. Students who earn more than 30 hours at Henderson must earn the last 30 semester hours on campus, except that six of the last 36 may be earned by extension, transfer, or correspondence with previous approval. Henderson course credits earned at off-campus sites may be applied to the 30 hours residency requirement.

Thirty semester hours of the credit required for a degree may be earned by correspondence, CLEP, Advanced Placement, or credit by exam. A maximum of nine hours toward a master's degree may be earned in the off-campus program. However, with special permission, the limit may be increased to 12 hours.

Changes in Enrollment

Forms and information for dropping or adding a course may be secured in the Office of the Registrar. A \$5.00 fee is required for each add and/or drop form.

Withdraw from the University or Drop a Course

Information and/or forms for officially withdrawing from the university may be secured from the Office of the Vice President for Student Services, Womack 102F. Forms for dropping a course may be secured from the Office of the Registrar. No grade is recorded on the transcript for a dropped course or official withdrawal from the university during the first two weeks of a semester or the first week of a summer term. A grade of "W" is given if the student drops a course or withdraws from the university from the third week through the 10th business day after mid-semester grades are issued, and during the second week of a summer term. Dropped courses or withdrawals after this time are designated as "WF" if the student is failing and "WP" if the student has a grade of "A", "B", "C", or "D." A student who ceases to attend class(es) without dropping or withdrawing after the sixth week may receive an "F." However, if at a later date, a student submits

evidence verified by the Office of the Vice President for Student Services that he or she left school due to circumstances over which the student exercised no control, the instructor may award a grade of "WP" if evidence is available to show that the student was passing at the time. Drop forms must be completed by faculty and submitted to the Registrar.

A failing grade will be given when a student is failing in a course and missed the final examination without a satisfactory explanation.

Drop or withdrawal should be completed one week prior to the end of regular classes. If the student cannot get to campus, withdrawal from the semester may be completed by calling the Office of the Vice President for Student Services for official instructions.

In order to comply with state reporting mandates, a student who is not attending class must be dropped by the faculty member by the census date. The census date is the eleventh class day of a fall or spring semester and the fifth class day of a summer term. Any student who has not logged on or participated in an online class will be considered to have not attended the class and will be dropped by the census date. A student who has been dropped from a class may not be added back at a later date unless a significant, verifiable, extenuating circumstance beyond the control of the student caused the absence. In any circumstance, it is the student's responsibility to contact the faculty member prior to the census date in regard to absences.

Attendance

The university assumes that regular class attendance is essential to its academic operations. Students not attending regularly scheduled classes are considered absent. Faculty members have the responsibility to deal with absences, to decide makeup work required, if any, and to drop students for absences that exceed the instructor's policy. Lists of students who are to be absent while representing the university should be made available to faculty members prior to the event. All such reports of absence are for information. However, faculty members will give consideration to permitting these students to complete makeup work. While students are personally responsible for the academic consequences of a poor attendance record, faculty members are under obligation to inform students in writing of their interpretation of absence regulations as they pertain to each course. This notification should be given to the student at the beginning of the semester as part of the course syllabus.

If any student accumulates absences to the extent that it lowers his or her standing in the class, it shall be the duty of the instructor to notify the Center for Student Success and Transition. The instructor will have full and final authority in awarding a student a grade of "F" in a course because of absences. Students who interfere with course discipline may be suspended from class. Permanent exclusion will necessitate a conference with the Office of Judicial Affairs.

Conferring of Degrees

The formal commencement exercises of the university occur at the close of the fall and spring semesters.

Students must enroll in and be in the process of completing the final courses

required for graduation in order to take part in commencement. They may take part in the May commencement and complete the remainder of degree requirements during the summer if they lack 7 or fewer hours. Students may not take part in the December commencement if they are required to take any courses in the spring semester or beyond.

College Level Examination Program

Students are eligible to earn credit through the College Level Examination Program. Students may take the Subject Examination in Freshman College Composition for credit in Freshman English. Subject Examinations are also available in many other subjects including American History, Biology, and College Algebra. Students may take the General Examination in Humanities.

Credit is entered on the transcript when the student has completed at least 15 hours at Henderson with at least a "C" average.

Credit may be earned by any student on any Subject Examination provided credit has not been earned in a more advanced course. For additional information or to secure registration forms, contact the Director of Testing in CAS 121.

Correspondence Courses

Students must receive written approval prior to having credit awarded for correspondence courses. The registrar will approve courses for general education, and all other courses must be accepted by the appropriate chair. The written approval must be in the students' files in the registrar's office before credit is awarded.

Online Course Definitions

Enhanced Course – is a traditional face-to-face course that meets in the physical classroom. Technology is used to enhance the content that is delivered in the physical classroom. Course materials and hand-outs such as the syllabus, reading materials or Power Point presentations are posted in the course shell on the ANGEL LMS. Students are expected to attend all classes. Textbook or e-textbook may or may not be used.

Partially Online Course (also known as a blended or hybrid course) - combines face-to-face classroom instruction with computer-based learning. Partially Online courses may mean a significant part of the course content will be delivered online via the course shell on the ANGEL LMS thus possibly reducing classroom seat time. Technology is used to enhance the course content as well as to replace some in-class face-to-face content delivery via the ANGEL LMS, Tegrity, WIMBA or other university approved content delivery systems. Students are expected to attend the face-to-face classes as scheduled and cover the material for the online portion either at a scheduled time (synchronous) OR on the students own schedule (asynchronous). Textbook or e-textbook may or may not be used. ANGEL LMS components that are typically utilized in a Partially Online Course can be but are not limited to: gradable assessments, discussion groups, closed course e-mail, group projects, Tegrity lectures, WIMBA Live classroom meetings, etc. **PARTIALLY ONLINE COURSES ARE POSTED IN THE PRINTED SCHEDULE AS PARTIALLY ONLINE SO THAT STUDENTS MAY HAVE THE ADVANCE EXPECTATION THAT THEY WILL BE REQUIRED TO UTILIZE TECHNOLOGY.**

Fully Online Course – a course that does not have classroom meetings with the possible exception of an orientation day at the start of the semester (in a classroom or in the professor’s office) and/or scheduled exams in a lab or testing center. All course content is delivered via the ANGEL LMS and/or Tegrity and/or WIMBA or other university approved content delivery systems. Students are expected to cover the material for the online classes either at a scheduled time (synchronous) OR on the students own schedule (asynchronous). Textbook or e-textbook may or may not be used. ANGEL LMS components that are typically utilized in a Fully Online Course can be but are not limited to: gradable assessments, discussion groups, closed course e-mail, group projects Tegrity lectures, WIMBA Live classroom meetings, etc. **FULLY ONLINE COURSES ARE POSTED IN THE PRINTED SCHEDULE AS FULLY ONLINE SO THAT STUDENTS MAY HAVE THE ADVANCE EXPECTATION THAT THEY WILL BE REQUIRED TO UTILIZE TECHNOLOGY.**

Restricted Days

“Restricted Days” are the two class days prior to final exams. No tests, exams, or quizzes will be given during Restricted Days with the exception of laboratory courses and physical education activity courses. No extracurricular or other organized student activities will be scheduled during Restricted Days as well as the subsequent weekend through final exams. Final exams will be given at the assigned times.

Advanced Placement

The Advanced Placement Program gives students the opportunity to pursue college-level studies while still in high school. Henderson awards credit based on an AP exam score of 3 or above.

International Baccalaureate Program Credit

The International Baccalaureate Program is a rigorous high school course of study for highly motivated students. Students who complete IB exams at the higher lever (HL) may receive course credits at Henderson. Original grade reports must be sent from IB to Henderson in order to determine the number of credits to be awarded. Approved IB credit will be added to the Henderson transcript when the student completes 15 credit hours at HSU with a minimum 2.00 grade point average.

IB EXAM	SCORE	HENDERSON COURSE	CREDITS
Art/Design	4	ART 2033-Humanities: Art.....	3
Biology	4	BIO 1013-Introduction to Biology	3
	4	BIO 1021-Introduction to Biology Lab	1
Chemistry	4	CHM 1004-Introduction to Chemistry	4
	5	CHM 1014-University Chemistry I.....	4
	6	CHM 1024-University Chemistry II.....	4
Computer Studies	4	CSC 2003-Introduction to Computers	3

	5	CSC 1104-Foundations of Computer Science I.....	4
	6	CSC 1114-Foundations of Computer Science II.....	4
Economics	5	ECO 2013-Principles of Macroeconomic	3
	5	ECO 2023-Principles of Microeconomic	3
English	4	ENG 1463-Freshman English A	3
	5	ENG 1473-Freshman English B	3
French	4	FRE 1013/1023-French 1 and 2.....	6
	5	FRE 2033-French 3	3
	6	FRE 2043-French 4	3
Geography	4	GEO 1023-Introduction to Geography	3
German	4	GER 1013/1023-German 1 and 2	6
	5	GER 2033-German 3	3
	6	GER 2043-German 4	3
History, Americas	5	HIS 2053/2063-US to and since 186	6
Mathematics	4	MTH 1243-College Algebra.....	3
	5	MTH 1295-Calculus I.....	5
Philosophy	4	PHI 2013-Introduction to Philosophy.....	3
Physics	4	PHY 2034-General Physics I.....	4
	5	PHY 2044-General Physics II	4
Psychology	4	PSY 1013-General Psychology	3
Social and Cultural Anthropology			
	4	ANT 2013-Introduction to Cultural Anthropology.....	3
Spanish	4	SPA 1013/1023-Spanish 1 and 2	6
	5	SPA 2033-Spanish 3	3
	6	SPA 2043-Spanish 4	3
Theatre	4	THA 2033-Humanities: Theatre Arts	3

Credit by Departmental Exams

Students may be given permission to earn credit by a departmental examination. Permission of the instructor and appropriate academic administrators is required, and students must enroll in the course. A grade of "CR" is awarded if credit is earned.

Dean's List/Honor Roll

These designations are based on credits completed during the fall/spring semesters. Students must earn a minimum of twelve hours credit to qualify.

Dean's List	4.00 semester grade point average
Honor Roll	3.50 semester grade point average

Graduation with Distinction

Students may graduate with distinction status according to the following criteria:

Cum Laude	3.50 - 3.749
Magna Cum Laude	3.75 - 3.849
Summa Cum Laude	3.85 - above

Distinction status is determined by the cumulative grade point average at the beginning of a student's final semester. Students must earn a minimum of 60 hours in residence from Henderson in order to qualify to graduate with distinction.

Transcript Policy

Requests for transcripts must be submitted in written form with the signature of the student. There is no charge for these transactions. A limit of 10 transcripts per request is allowed.

STUDENT RESPONSIBILITIES

Gaining Admission to the University

Admission to Henderson State University is by application. A student interested in attending Henderson should contact the Office of University Relations/Admissions for the necessary information and forms. Students may apply online at www.hsu.edu. Students are notified when their application is approved.

Each transcript is to be signed by the Registrar or other proper certifying official, is to bear the institutional seal, and is to be sent directly to the Office of University Relations/Admissions at Henderson.

Transcripts should bear a statement that the students have been given an honorable dismissal by the university from which they are transferring.

Students who do not have all admission materials in may not be permitted to register until they have filled in a special form by which they accept a probationary status.

Keeping Academic Records

Students must familiarize themselves with curricular requirements, course sequences (indicated by course number and pre-requisites), upper and lower division requirements, the unit of credit, the normal study load limit, and the regulations governing student employment in order to be able to plan satisfactory programs.

Students should plan each semester's work in advance as official class schedules are published and submit the planned schedules to their advisors for record and approval. In cases in which it becomes necessary to deviate from tentative plans because of closed classes, schedule conflicts, and other difficulties which could not be anticipated, the students should revise their tentative plans with their advisors. Students who have not selected a major will normally be advised by

faculty members and personnel from the University Counseling Center.

Failure to withdraw from the semester in accordance with university regulations may result in a grade of "F" in all courses in progress. Forms and information for officially withdrawing from the university may be secured from the Office of the vice President for Student Services.

Registering Motor Vehicles

Each student is required to register any motor vehicle that is to be operated on campus. Motor vehicle registration is a part of the regular registration procedure. An identification decal is to be displayed either on the right side of the rear bumper or on the outside lower right corner of the rear window. Motor vehicle registration is not considered complete until the decal is displayed in the proper manner.

Failure of a student to register a motor vehicle under the above requirements may mean forfeiture of the privilege to operate a vehicle on the campus.

Returning Borrowed Items

Students will meet in full all obligations to the university and make a full accounting of all equipment and materials lent or charged to them by the university. Library items and other items borrowed for a limited time are to be returned on schedule.

Complying with University Standards

Students, faculty, and administration participate in the formulation and maintenance of the social and scholastic standards. It is expected that students will demonstrate the qualities of character, scholarship, and good conduct demanded by the standards established.

It is understood that all persons who rent a room in university housing agree to comply with the existing rules and regulations governing student performance. These rules and regulations may be changed at the discretion of the university officials.

Occupants are responsible for the care of school property in the rooms they occupy. The university reserves the right to inspect all living quarters on the campus and to reassign an occupant's accommodations.

The university does not grant nor issue teaching licenses. Applications must be made through the HSU Teacher Licensure Officer to the Division of Certification of the Office of the State Commissioner of Education. An official transcript, appropriate scores on the PPST and PRAXIS II Exams, and the endorsement of the Teacher Licensure Officer at HSU are necessary for licensure.

Academic Integrity

An instructor may dismiss or suspend from a class any student who is disruptive, who violates university regulation, or who engages in academic dishonesty. Students who engage in academic dishonesty or disruptive behavior may be reported to the department chair and to the appropriate academic dean who will issue letters outlining the action taken to the student, the instructor, and the department chair of his/her declared major. If deemed appropriate, the student may be referred to the Office of Judicial Affairs for university disciplinary action.

Academic dishonesty includes but is not limited to:

- a. any use of external assistance during an examination
- b. any intentional falsification or invention of data or citation in an academic exercise
- c. and any form of plagiarism

Plagiarism and academic dishonesty include but are not limited to the following behaviors:

- a. using any part of another's work without acknowledgement of the source
- b. using a paper in more than one class without the instructor's permission
- c. using another's homework or take-home exams for academic credit without the consent of the instructor
- d. and accessing or sharing restricted information through electronic means without the consent of the instructor

Students who violate any of the above will be subject to the following guidelines:

- a. The faculty member may assign a grade of "F" to the assignment.
- b. The faculty member may drop the student from the class with a grade of "F;" no "W" or "WP" grades will be assigned in these cases.
- c. Offenses of any of the above may result in the suspension from the university or other disciplinary action.

To determine academic integrity, a faculty member may use various means, including plagiarism software.

Procedural Requirements for Obtaining a Diploma

Candidates must contact the chair of the department in which they are majoring and minoring to have their academic records evaluated for compliance with degree requirements in their major. This should be accomplished during the semester prior to the one in which the degree is to be awarded. After the degree form has been signed by the department chair, it should be presented to the Office of the Registrar for evaluation by that office. Each candidate must make an application for a degree, stating the exact name which is to appear on the diploma and giving the academic cap and gown sizes.

Each candidate must pay a graduation fee after his or her last registration. A student who has previously paid a graduation fee, but who failed to graduate at the time expected, must pay a duplicate graduation fee.

All financial indebtedness to the university must be cleared prior to graduation.

STUDENT SERVICES, FACILITIES, ACTIVITIES

DIVISION OF STUDENT SERVICES

The Division of Student Services is committed to providing a full array of efficiently delivered student services which are developmentally based. In addition, the various departments within the division offer an excellent program of organizations, events, and activities designed to provide co-curricular learning opportunities.

Financial Aid

Financial aid is money provided from outside the family to help students pay college expenses. Financial aid includes scholarships, grants, loans, and work programs. Eligibility for most aid programs is determined based on financial need. Financial aid programs are subject to availability of funds and to federal, state, and institutional guidelines.

Students should complete the Free Application for Federal Student Aid online at www.fafsa.gov by the priority deadline of April 15. Based on the U.S. Department of Education formula, the information submitted will determine the family's expected family contribution, (EFC) or the amount the family should be able to provide. Financial need is calculated by subtracting the EFC from the school's cost of attendance.

To be eligible for federal student aid, students must (1) demonstrate financial need (for most programs); (2) have a high school diploma or a recognized equivalent; (3) be a U.S. citizen or eligible non-citizen; (4) comply with Selective Service registration, if required; (5) have a valid Social Security number; (6) be accepted for enrollment as a regular student in an eligible degree or certificate program; (7) meet satisfactory academic progress standards set by the school you will attend; (8) not be in default on a federal student loan and not owe money on a federal student grant; and (9) certify federal student aid will be used only for educational purposes.

Satisfactory Progress Policy:

By law, a student must be making satisfactory academic progress toward a degree in order to receive Title IV aid, regardless of whether he or she has previously received such aid. At Henderson State University, all three requirements as defined below must be met for a student to receive federal financial aid.

SUCCESSFUL COMPLETION OF 66.67% OF COURSEWORK ATTEMPTED:

All students must successfully complete at least 66.67% of all courses attempted each term/semester at HSU. Successful completion of a course is defined as a passing grade. Grades of W, WF, WP, F, NC, or I are not considered successful completion. Repeated courses are included in attempted credits and any courses with passing grades are treated as earned. Audits are not included in attempted or earned credits. A student's official enrollment status will be determined on the 11th class day during fall/spring terms and the 5th class day during summer terms.

It is the student's responsibility to notify the Office of Financial Aid when a grade change has been posted to the transcript.

MINIMUM GRADE POINT AVERAGE:

The cumulative Grade Point Average (GPA) as posted on the HSU transcript will be reviewed. (Remedial classes are not computed into GPA.)

Minimum cumulative (GPA) for Undergraduate students: 2.00
Minimum cumulative (GPA) for Graduate students: 3.00

MAXIMUM TIME FRAME:

Federal regulations require schools to establish a maximum time frame in which to complete a program. By law, the maximum time frame for completion of an undergraduate degree cannot exceed 150% of the published length of the program. The number of hours depends on the academic level:

Undergraduate – 180 attempted hours
Graduate Degree –90 attempted hours

All enrollment periods count toward maximum time frames, regardless of a change in degree or major or whether or not aid was received. Withdrawals, drops, repeated courses, and all accepted transfer hours are counted toward maximum time frame. Remedial courses do not count toward the maximum time frame.

SAP will be evaluated at the end of spring semester for the previous pre-summer term, first summer term, second summer term, fall and spring semesters. Ineligible notices will be sent through campus email to students who failed to meet all three requirements to maintain satisfactory academic progress.

Students who fail to meet all three requirements will be ineligible for federal financial aid for any future terms/semesters. Students must file an appeal to be considered for reinstatement of eligibility.

A student with extenuating circumstances may submit an appeal as indicated in **Student Appeal Instructions**. Examples of extenuating circumstances include: Student suffered serious illness, injury, or disability; loss due to natural disaster; involuntary call to active military duty; victim of crime or abuse; significant breakdown of family relationship or serious illness, injury or death of close relative.

All decisions of the Appeals Committee are final. There is no further appeals process. Unless an appeal is granted for extenuating circumstances, a student can regain eligibility only by coming into compliance with all the above standards of satisfactory academic progress.

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STUDENT APPEAL INSTRUCTIONS

A student with extenuating circumstances may submit an appeal as indicated in the instructions below. Examples of extenuating circumstances include: Student suffered serious illness, injury, or disability; loss due to natural disaster; involuntary call to active military duty; victim of crime or abuse; significant breakdown of family relationship or serious illness, injury or death of immediate family member.

Submit appeal letter and all supporting documentation to the Financial Aid Office or to this email: scholarshipsandappeals@hsu.edu. Email subject line must contain your name and APPEAL. (John Doe APPEAL) Scanners for copies of documentation are located in the Huie Library. **DOCUMENTATION IS REQUIRED AND MUST BE SUBMITTED WITH YOUR APPEAL LETTER,**

NOT SEPARATELY.

Please submit a typed, personal letter of appeal with the following information:

1. Explain the reason you have not met the satisfactory progress requirements to be eligible to receive federal financial aid and for what semester you are appealing reinstatement of eligibility. (Why did you not complete the required number of hours, GPA, or why did you not complete a degree within the maximum timeframe?)
2. Explain how your situation has changed and what you will do to improve your academic performance in order to meet the requirements in the future.
3. Submit documentation to confirm any extenuating circumstances that prevented you from meeting the satisfactory progress requirements. **DOCUMENTATION IS REQUIRED AND MUST INCLUDE SPECIFIC DATES AND TIME PERIODS.** Documentation may include, but is not limited to the following:
 - a. Statement from medical or mental health provider, on letterhead and signed, that confirms your medical condition and that you are able to return to school without restrictions.
 - b. Copy of bill with date services provided for physical or mental health.
 - c. Death certificate or obituary.
 - d. Court documents, police reports, insurance damage reports.
 - e. Letters from clergy, lawyer, employer, on letterhead and signed.
 - f. Letters from faculty, advisor, or others who are aware of your situation; must be signed and include name, title, address and telephone number.
 - g. Copy of application for graduation if filed and signed by Registrar.
4. Sign and date your letter.
5. At the bottom of your letter, include your printed name, student ID number (not your login), complete mailing address, and your anticipated graduation date.

Submitting an appeal does NOT guarantee your aid will be reinstated. If your appeal is approved, you will be notified by email and given a probationary semester. At the end of the probationary semester you must meet all standards of the Satisfactory Progress Policy, or you must meet all stipulations set by the Committee.

The Committee's decision will be sent to your Henderson email address. All decisions of the Appeals Committee are final. There is no further appeals process.

Grants

Federal Pell Grants are need-based grants for undergraduate students. The award amount is determined by the student's EFC, the cost of attendance, the student's enrollment status, and whether the student attends the full academic year.

Federal Supplemental Educational Opportunity Grants (FSEOG) are need-based grants for undergraduate students with exceptional financial need.

Federal Pell Grant recipients receive priority for FSEOG funds. The award amount varies and is dependent on the student's need and availability of funds.

Employment

The **Federal College Work-Study Program** provides eligible students with part-time employment to help meet their educational expenses. Undergraduate and graduate students with demonstrated financial need who are enrolled at least half-time are eligible for part-time work, usually 12 to 15 hours per week. Work-Study payroll checks will be disbursed at least once a month.

The University also has an institutional work study program for students with special skills and abilities who are enrolled full-time. Henderson contributes 100 percent of the funds for this program.

Loans

Federal Perkins Loans are need-based, low-interest loans provided through the school, based on funds available, to full-time or part-time undergraduate and graduate students who demonstrate financial need. Repayment to the school begins nine months after the recipient graduates, leaves school, or drops below half-time enrollment.

Subsidized Direct Stafford Loans are need-based, low-interest loans provided to eligible undergraduate students attending at least half-time. The U.S. Department of Education pays the interest on the loan while the student is in school at least half-time. Repayment begins six months after the recipient graduates, leaves school, or drops below half-time enrollment.

Unsubsidized Direct Stafford Loans are non-need-based, low-interest loans provided to eligible undergraduate and graduate students attending at least half-time. The student must first be determined ineligible for a **Subsidized Direct Stafford Loan**. The U.S. Department of Education does not pay the interest on an unsubsidized loan. Repayment begins six months after the recipient graduates, leaves school, or drops below half-time enrollment.

All first-time borrowers are required to complete online entrance counseling before loan funds can be disbursed. Exit counseling is required each time a loan recipient graduates, leaves school, or drops below half-time enrollment.

Direct Parent Loans for Undergraduate Students (PLUS) are non-need-based loans available to creditworthy parents of dependent undergraduate students attending at least half-time. Repayment begins within 60 days of final disbursement.

Academic Scholarships

Henderson scholarships are awarded on a first-come, first-served basis as long as institutional scholarship funds are available. Applicants who meet the scholarship deadline are not guaranteed a scholarship. Only a limited number of scholarships in each category will be awarded to out-of-state students. Students must be admitted to the university and have a minimum ACT subscore of 19 in English, Math, and Reading before being considered for a scholarship. ACT scores cannot be more than 5 years old.

Enrolled students are not eligible to apply for first-time freshman scholarships or upgrades after classes begin. All scholarships are limited to funds available. Priority deadline is noted on the scholarship application.

Scholarships are awarded for consecutive fall and spring terms and do not cover summer terms. Students cannot be awarded more than one academic scholarship.

Scholarship awards can be applied only to tuition, fees assessed to all general students*, room or board (university-owned housing). Scholarship funds not needed for tuition, fees, room or board cannot be applied to any other costs. Scholarship awards have no cash value and cannot be refunded. *Fees do not include: Application to Graduate School Fee, Course Change Fee, Graduation Application Late Fee, Graduation Fee, Late Registration Fee, Traffic Fines, Late Payment Fee, Library Fines, Housing Deposits, Housing Damage Fee, Duplicate ID Fee. (Fees do include Mandatory Course Fees as well as specific Course Related Fees and Vehicle Decal Fee).

The terms and conditions of all academic scholarships and each subsequent renewal are subject to change and will be governed by the then current university scholarship policies located at <http://www.hsu.edu/scholarships/>. Students awarded an academic scholarship should refer to the terms and conditions on the award letter.

HSU Distinguished Freshmen Scholarship: (\$14,000 Per Year) This scholarship may be offered to high school graduates with an ACT composite score of 30-36 and a 3.25 cumulative high school grade point average, or who have been identified as a National Merit Finalist or Semifinalist. An interview is required. The scholarship is renewable for eight consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

HSU Presidential Scholarship: (\$10,000 Per Year) This scholarship may be offered to high school graduates with an ACT composite score of 27-29 and a 3.00 cumulative high school grade point average. The scholarship is renewable for eight consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

University Centurium Scholarship: (\$6,500 Per Year) This scholarship may be offered to high school graduates with an ACT composite of 24-26 and a 3.00 cumulative high school grade point average. The scholarship is renewable for eight consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

Valedictorian/Salutatorian Scholarship: (\$5,000 Per Year) This scholarship may be offered to high school graduates with an ACT composite of 19 and a 3.00 cumulative high school grade point average and must be Valedictorian/Salutatorian. The scholarship is renewable for eight consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

Red and Gray Leadership Scholarship: (\$2,500 Per Year) This scholarship may be offered to high school graduates with an ACT composite of 19-23 and a 2.75 cumulative high school grade point average. The scholarship is renewable for eight consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

Community College Transfer Scholarship: (\$6,000 Per Year) This scholarship may be offered to community college transfer students with a minimum of 60 transferable credit hours or an associate's degree with a 3.00 cumulative grade point average. Students who have completed at least an associate's degree at a community college and earned no more than 15 transferable credit hours at any university, including Henderson State University, are eligible as long as other criteria are met. The scholarship is renewable for four consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

Community College President's Scholarship: (\$5,000 Per Year) A scholarship will be available to the president of each Arkansas public community college to award to a selected student to attend Henderson State University. The scholarship is renewable for four consecutive semesters or until the completion of an undergraduate degree, whichever comes first.

Performance Scholarships

Art Scholarships of \$445 per semester are awarded to advanced Art Majors who are recommended by the professors in the areas of Painting, Printmaking, Photography, Ceramics and Digital Art. The scholarships are attached to assistantships in each area. To apply, contact the major professor in the area you are interested in serving.

Athletic Scholarships are awarded in the twelve intercollegiate HSU sports. Scholarships are awarded for varying amounts per the recommendation of the head coach.

Band Scholarships are awarded to talented band students who are recommended by the appropriate music instructor and the Director of Bands. Amounts vary and are renewable each year. To apply, contact the Director of Bands.

Cheer Scholarships of varying amounts are awarded to students selected through a tryout process to represent HSU at various athletic and school events. To apply, contact the Dean of Students.

Choral Scholarships are awarded to talented choir students who are recommended by the appropriate music instructor and the Director of Choral Studies. Scholarship amounts vary and are renewable each year. To apply, contact the Director of Choral Studies.

Dance Scholarships are awarded by the dance program on a limited basis to talented students who participate in Dance Company activities. To apply, contact the Director of the Dance program.

Forensics Scholarships are awarded on a limited basis to promising students who participate in intercollegiate debate and who maintain a 2.50 cumulative grade point average. To apply, contact the Department of Communication and Theatre Arts.

Keyboard Scholarships are awarded to talented keyboard students who are recommended by the appropriate music instructor and the Director of Keyboard Studies. Scholarship amounts vary and are renewable each year. To apply, contact the Director of Keyboard Studies.

Miss HSU Scholarships are awarded to the winner of the Miss HSU Pageant each spring semester. The winner will represent HSU at various events and at the Miss Arkansas Pageant. For more information, contact the Dean of Students.

Oracle Scholarships are awarded on a limited basis to students interested in journalism and in working with the Henderson school newspaper. To apply, contact the Oracle sponsor for qualifications and requirements.

Radio Station Scholarships are awarded on a limited basis to students interested in working with the Henderson radio station. To apply, contact the radio station sponsor for qualifications and requirements.

Star Scholarships are awarded on a limited basis to students for participation in the preparation of the Henderson yearbook. To apply, contact the yearbook sponsor.

String Scholarships are awarded to talented string students who are recommended by the appropriate music instructor and the Orchestra Director. Amounts vary and are renewable each year. To apply, contact the Orchestra Director.

Television Scholarships are awarded on a limited basis to advanced television students who are interested in producing programming for HTV. To apply, contact the advisor of HTV.

Theatre Scholarships are awarded by the theatre program on a limited basis to talented students who participate in university theatre activities. To apply, contact the Director of Theatre.

Faculty/Staff Remission of Tuition: Available to employees (and their dependents as determined by status as an income tax exemption) who are employed at least one-half time by the University. (Adjunct faculty, Board of Trustee members' dependents and other temporary employees do not qualify for the benefit.) This is a fringe benefit to the employee and is not a student scholarship. For current criteria, refer to most recent revision of the remission form available on the Henderson website.

Out-Of-State Waiver: Out-of-state waivers are limited. For current criteria, refer to most recent revision of the waiver form available on the Henderson website or contact the Office of Financial Aid.

Conditions & Institutional Scholarship Requirements

Academic Scholarships

Recipients must enroll in a minimum of fifteen (15) credit hours each term and complete a minimum of 30 hours with a minimum 3.00 cumulative grade point average at the end of spring term. **HSU Distinguished Scholarship recipients must have a minimum 3.25 cumulative grade point average at the end of spring term. Red and Gray Leadership recipients must have a minimum 2.75 cumulative grade point average at the end of the spring term.** Retention criteria will be reviewed at the end of each spring term. Scholarships are cancelled for subsequent terms if retention criteria are not fully met. Cancellation notices are

sent to the recipient's Henderson email account.

Definition of the term complete: receive a grade (A, B, C, or D).

Probation for Academic Scholarships

This option is allowed only one time. If scholarship is lost a second time this option is not available. If scholarship is not retained at the end of spring due to hours completed or grade point average, the scholarship recipient may regain eligibility for the following fall term by completing the required number of hours and grade point average during summer terms at Henderson State University. Hours to regain scholarship eligibility must be taken at Henderson State University. No transfer hours are allowed to regain scholarship eligibility.

Performance Scholarships

A new high school graduate/incoming first semester freshman recipient must enroll in and complete a minimum of 12 hours for the first fall semester following high school graduation and 15 hours for every semester thereafter. Minimum GPA requirements to retain the scholarship are determined by the department offering the scholarship.

Out-Of-State Waivers

For current criteria, refer to most recent revision of the waiver form available on the Henderson website or contact the Office of Financial Aid.

Other Scholarships

For other possible scholarships, students should contact Henderson's academic departments, Alumni Services, TRIO, and ROTC programs. Criteria and award amounts vary.

Other Aid Sources

Students are encouraged to investigate additional aid programs offered by: Americorps (www.americorps.org); Arkansas Department of Higher Education (www.adhe.edu); Arkansas Department of Career Education (ace.arkansas.gov); U. S. Department of Veterans Affairs (www.gibill.va.gov); and U. S. Armed Forces (www.studentaid.ed.gov/military) (www.todaymilitary.com).

Many companies, businesses, and labor organizations have aid programs for employees and their dependents. Foundations, religious organizations, civic groups, community organizations, and associations connected with specific academic majors may offer scholarships. The Office of Financial Aid and high school counselors may have applications and additional information.

The Garrison Center

The Martin B. Garrison Activity and Conference Center is the activities and information hub for the university family. The activity area includes two tartan-surface basketball courts, a low-impact cardio-vascular fitness room and three racquetball courts. The conference area provides ample meeting space for student organizations, faculty meetings and off-campus conferences. The center is also home to the student newspaper *the Oracle*, the *Star* yearbook, the student radio station KSWH FM 99.9, the Reddie Café, the Student Activities Board, the Student

Government Association, the Center for Career Development, and the Academic Advising Center. Scheduling for the Garrison Center is done through the administrative offices of the Garrison Center and all university scheduling is maintained on the central calendar. To schedule campus-related activities or events on or off campus, call 870-230-5228 or go by Room L112A in the Garrison Center.

Judicial Affairs

Overall disciplinary authority is vested in the Vice President for Student Services. The Dean of Judicial Affairs has been designated by the vice president to administer the Student Code of Conduct. The dean functions as the campus judicial officer and has overall responsibility for the judicial process.

The Student Code of Conduct of Henderson State University is intended to protect the rights, personal security, and property of individuals and groups within the university community, as well as the university itself. In addition, the Student Code of Conduct prohibits behavior which is detrimental to learning or group living or is contrary to the goals of the university. The code informs the university community of expected behavior, describes prohibited conduct, and details the disciplinary procedures and sanctions applicable for the violations of this code.

The Office of Judicial Affairs also provides programs and information regarding safety issues for the university community. This office is located in the Garrison Center GAL112. Phone number is 870-230-5420.

Residence Life

HSU has a MANDATORY on campus residency requirement. All single, full-time students attending the university under age 21 who have completed 59 or fewer hours prior to the first day of classes for the term and are not living with parents or legal guardians within a 60-mile radius of the university are required to live in university housing facilities and participate in a meal plan. Attaining the age requirement does not void contractual agreements made for university housing; provided, however, that a student who will attain the age of 21 prior to the first day of classes for the following spring semester may request a one-semester housing contract/and further provided that a student under 21 who satisfactorily completes 60 or more hours during the first semester may be released from the second semester of the housing contract. A non-refundable application fee is required before the application can be processed.

A student who is a military veteran with at least two years of service is exempted from these housing requirements.

Students may not be released to live off-campus after completing a contractual agreement with the university without approval of the Office of Residence Life. The contract is for a nine-month period for the fall and spring semesters.

An accurate address is required of all students at the time of registration. Any change of address should be reported immediately to the Office of Residence Life. Serious disciplinary action may be taken should these rules be violated.

Daily maid or janitor service is furnished for halls, lounges, and other public areas. Occupants care for their assigned rooms. Regular room inspections will be made by residence hall staff.

The university will not discriminate in the assigning of students to housing on the basis of race, religious affiliation, or national origin.

The University Residence Life Program plays a vital role in the overall educational development of students. A democratic self-governing system exists in each residence hall for the purpose of conducting its own internal affairs and of coordinating many interesting, educational, and entertaining programs.

Students should make arrangements for housing as early as possible. Make all inquiries concerning housing to the Director of Residence Life.

Students who are not enrolled in at least 12 hours must secure permission from the Director of Residence Life to live in university housing.

First-Year Experience Program

Residence Life administers Henderson's FYE (First-Year Experience) Program. The First-Year Experience Program is a collaboration of services, programs, and people dedicated to helping new students at HSU become successful and well-oriented members of the campus community. FYE assures that the university is responsive to the needs of students just entering college life. FYE is about students and for students; the program is designed for them, since they are the key to the university structure and its future.

For more information on the FYE Program contact 870.230.5083.

Student Activities

The Office of Student Activities, located in the Garrison Center, is generally responsible for coordinating a varied and comprehensive program of co-curricular activities for Henderson students. University orientation programs, intramural sports, leadership development, student activities board, spirit squad, family day and various other programs are coordinated through this office. All student activities must be scheduled on the Garrison Center planning calendar.

Student Health and Counseling Center

Student Health and Counseling Center services are available to Henderson State University under-graduates and graduate students who pay student health fees. The center is located on the first floor of Mooney Hall and is staffed with Registered Nurses, Mental Health Counselors and an Advanced Practice Registered Nurse (APRN). The primary mission of the Center is to enhance the quality of life for HSU student's mental and physical health through assessments, consultations, referrals, screenings, and wellness programs in a confidential setting. Students are encouraged to use the Student Health and Counseling Center as a primary resource for their health needs and concerns.

As a condition of enrollment, Arkansas requires all students born after 1956 to have proof of immunization for measles mumps and rubella. All freshmen and international students are required to have 2 MMR's (measles, mumps, rubella). All other students are required to have proof of one measles, one mumps and one rubella vaccine. Immunizations records may be faxed to 870-230-5064.

Student Programs

The Office of Student Programs, located in the Garrison Center, is responsible for the supervision of student organizations, the Spirit Squad, and for coordinating the Miss Henderson Pageant. The university has over 90 student organizations, including governing councils, honorary organizations, service organizations, departmental organizations, communication media, religious organizations, and national social fraternities and sororities. A listing of these organizations is available in the Student Guide located on the Henderson State University web page (www.hsu.edu).

University Police

Providing for the safety and security of members of the university community and of university property is the responsibility of the Henderson State University Police Department. Officers are trained and certified under the guidelines of the Arkansas Commission on Law Enforcement Standards and Training established by Act #452 of 1975. The University Police Department, working closely with state and local law enforcement agencies, operates as the law enforcement agency for the university community.

Members of the university community will find the University Police officers valuable resource persons for information on laws, policies, and procedures which are applicable to the campus. Visitors to the university can depend on them for information and directions. To take advantage of their services, flag down a passing patrol car or, during regular office hours, call the University Police Department at 870-230-5098. To contact an officer after hours or on weekends, call the Arkadelphia Police Department, 870-246-4545, and they will radio the University Police officer on duty.

University Relations/Admissions

The Office of University Relations/Admissions is committed to assisting students in making the transition from high school or community college to the university campus. University Relations/Admissions is located in Womack Hall and provides informational material and campus tours for interested students and their parents Monday through Friday at 10:00 a.m. and 1:00 p.m.

To arrange a campus tour or request information about Henderson's academic programs, financial aid and scholarships, or student life, call 1-800-228-7333, or 870-230-5028, or write to Office of University Relations/Admissions, P.O. Box 7560, Arkadelphia, AR 71999-0001. Fax 870-230-5066. Email: admissions@hsu.edu.

OTHER FACILITIES/SERVICES/ACTIVITIES

Academic Advising Center

The Academic Advising Center (AAC) houses a dedicated team of professionals whose primary responsibility is to support students' academic success. Its student-centered staff advises students as they develop meaningful academic plans compatible with their educational and life goals. The AAC is designed mainly to serve students who are undecided about their major, those under thirty (30) hours earned requiring remediation, those on academic probation (under a 2.00 cumulative GPA), and those admitted conditionally.

Supplemental Instruction (SI), the First-Generation Student Mentoring Program, and the Early Alert Reporting service are administered from this department.

SI targets traditionally difficult academic courses and provides regularly scheduled, out-of-class, peer-facilitated sessions. SI sessions are facilitated by students who have already been successful in the same class that you are taking. These interactive sessions help you to integrate how to learn with what you learn in class.

For more information about programs and services provided through the AAC call 870.230.5077 or visit the website: www.hsu.edu/advising.

Career Development

The Center for Career Development is located on the second floor of the Garrison Activity and Conference Center and is committed to helping current students and alumni develop career and life planning skills, master job search strategies, and seek rewarding employment. We offer services including, but not limited to, personal career counseling, interview assistance, mock interviews, a Professional Clothes Closet, resume preparation, on-campus interviewing, career fairs, national and job listings, graduate school search assistance, a resource center filled with valuable information and reference materials, and Internet access to a variety of career and employer related information. The primary focus is directed towards reaching the following objectives:

Freshmen: Formulate a plan by assessing interests and values and choosing a major. Explore career ideas and options with your academic advisor and career advisor. The choices and decisions made during your college experience will influence your future.

Sophomores: Build a foundation by planning a meaningful and marketable education and developing work-related skills. If you have not declared a major, continue to meet with faculty, academic advisors, and career advisors. Explore opportunities offered through internships and volunteer work.

Juniors: Evaluate your progress through the job search process, networking opportunities and graduate studies. Identify and gather information about organizations and/or graduate studies. Know what is necessary for gaining employment or admission to graduate school.

Seniors: Decide and commit by marketing your skills, gaining interview practice and experience and establishing your credential file. Gain interview practice and experience through on-campus interviews and job fair opportunities. Make final decisions regarding employment prospects and/or graduate school.

For more information call 870.230.5442 or visit www.hsu.edu/career.

Choir, Band

The Concert Choir, the University Bands, and small musical ensembles provide special opportunities for all students interested in these activities. (Non music majors may have a maximum of four credit hours of ensemble apply toward graduation.) Student, faculty, and guest music recitals are held throughout the year.

Newspaper

The *Oracle*, a weekly student newspaper, has been published throughout the existence of the university. It aims to give complete news coverage of campus life, promote student activities, set forth the ideals of the university, give students practice in journalism, and serve as a medium for keeping alive the interest of the alumni.

Yearbook

The *Star*, the university annual, gives in pictures and in story an account of life on the campus for the year, thereby helping the student to keep alive the customs and traditions of the university.

Theatre

Participation in Henderson theatre productions is open to students of all majors through auditions and/or interviews. A season of at least four major productions is presented each year.

Dance

The Henderson Dance Company, whose members are chosen by audition, presents a spring dance concert and provides an opportunity for development of advanced skill in dance.

Radio

KSWH THE SWITCH 99.9, the university's student-run radio station, is the broadcast voice on campus. It provides round-the-clock music, updates on news, weather, university events, public service announcements, and play-by-play coverage of many athletic games.

Television

HTV is Henderson's own television studio and cable television station. HTV offers students training in all aspects of television, including production, performance, and video art. Students have the opportunity to produce their own shows not only for Cable 9, a local cable channel seen throughout Arkadelphia, but also for Henderson's Collegiate Video Exchange, a nation-wide program featuring video artwork.

Communication Lab

The Communication and Theatre Arts Department provides this lab as support for the oral communication class and as a research facility for use by students in upper-level communication classes. Students taking oral communication can work with lab tutors on constructing and practicing their speeches or work through programmed exercises for critical thinking, stage fright, etc.

Library

Huie Library is committed to excellence in providing information resources and research assistance to the Henderson community. Students have access to approximately 275,000 print books, 125,000+ ebooks, over 20,000 full-text online journals, and nearly 150 databases. Through interlibrary loan, students may make use of the collections of other libraries nationwide. Professional librarians answer

reference questions and provide research assistance. The library also offers computers and study rooms for student use and contains an art gallery. HSU students have borrowing privileges at the OBU library. For more information and access to the library's catalog and databases, go to library.hsu.edu.

Multimedia Learning Center

The campus-wide center, which is located in the Education Building, room 113, makes available to faculty, staff and students various types of equipment that may be used for Henderson related presentations or events on or off campus. The staff will deliver and setup requested equipment for use in classrooms and other events across campus. Included in the center is a media production laboratory used by students, employees and community members to create instructional material for classrooms, bulletin boards, and other projects. There is a computer lab with scanners, color printing and graphic software. The staff is available to assist with instruction on the use of all equipment.

Student Support Services

Supported by a Title IV federal assistance grant, Student Support Services provides individualized support for 300 first-generation college students who receive financial aid. Support is also provided students with disabilities who meet these criteria. The office is located in the Meier House on Henderson Street, across from Huie Library.

Disability Resource Center

The Disability Resource Center is a comprehensive program designed to promote access, retention and academic success in partnership with Henderson students with disabilities. The center, a TRIO program, is funded through the U.S. Department of Education to provide supplemental academic, technological, financial literacy, and personal support for students with disabilities.

In addition to being a TRIO program, the Disability Resource Center is the designated office at Henderson State University that 1) obtains and files disability-related documents, 2) verifies eligibility for accommodations 3) identifies in collaboration with the student and the faculty reasonable academic accommodations, and 4) develops plans in partnership with the student for the provision of individual accommodations.

The center's staff is dedicated to helping students be successful in college. Academic advisement, counseling, peer tutorial support, an assistive technology computer lab, along with provision of accommodations (e.g.: adaptive testing, alternative print formats, interpreters) are some of the services available through the center.

Staff is available to assist students in identifying and strengthening learning and organizational strategies; managing one's time, stress and relaxation techniques, business etiquette, cover letters and resume development, money management/financial literacy, and providing instruction on how to use assistive technology (e.g.: JAWS, Zoomtext, Auditory Trainers, Vibe Readers), My Henderson, Angel, Publisher, PowerPoint, and other Microsoft Office applications.

If you have need for services due to the impact of a disability (e.g.: learning

disability, psychological disorder, ADD, chronic health, mobility impairment, visual impairment, deaf/hard of hearing, Asperger's) or would like more information about the DRC contact the Disability Resource Center, Foster Hall 330, HSU Box 7594, Arkadelphia, AR 71999, telephone 870-230-5475 or drc@hsu.edu.

Night Classes

Night classes are provided on the Henderson campus and in surrounding communities. A maximum of six semester hours of credit may be carried each semester by in-service teachers in night classes.

ALUMNI SERVICES

The alumni and former students of the university maintain an organization for their mutual benefit and for the promotion of the best interests of the university. A board composed of 15-18 alumni members, five of whom are chosen each year to serve three-year terms, governs the association. The Alumni Association is responsible for a scholarship program for upperclassmen with approximately 10 scholarships awarded each spring. Awards to Distinguished Alumni are also given to graduates and former students. The "H" Award is for "meritorious service to the alumni and university over a period of years." It is given to alumni, former faculty, and friends.

The Alumni Services is responsible for the Annual Fund, which includes special fund-raising events and the Phonathon Campaign. The department also advises the Student Foundation, publishes the *Reddie Report* alumni magazine, and sponsors and plans Homecoming reunions and activities. Alumni Services oversees alumni chapters and groups throughout the state and country.

DEVELOPMENT OFFICE

The Office of Development is Henderson State University's major fund-raising department; and in the broadest sense, its purpose is to obtain gifts from the private sector to advance the stated mission of Henderson as Arkansas's Public Liberal Arts University. The Office of Development links Henderson with its external constituencies through the Annual Giving Program and the Office of Alumni Affairs. Private funds obtained through the Office of Development are held in trust for the university by The Henderson State University Foundation.

PUBLIC RELATIONS

Public Relation maintains an active partnership with the students, the staff, the faculty, and the administration to report the university's news and act as the university publication office. By consulting with Public Relations, faculty and staff can be assured that all media information, calendar of events, and print/web information is accurate.

FACILITIES

The Henderson Reddie Bookstore is located on the first floor of the Garrison Activity and Conference Center. All required textbooks and supplies are available along with imprinted clothing and gifts. General reading books, New and Noteworthy titles, Best sellers, Magazines and Faculty Authors are all stocked in the Reddie Bookstore. The bookstore is open during normal business hours of the university and extends the hours for many special events.

Teacher internship facilities are available in selected public schools of south central Arkansas. The university uses their plants and facilities for its students who plan to teach. Teacher interns are regarded as members of the faculties of the public schools.

Caddo Cafeteria offers students quality food at reasonable prices. The meals are carefully planned and offer a pleasing variety of foods.

The Davis-Baker Preschool offers half-day preschool programs for children ages 3 to 5. The morning session for three-year-olds is open from 9:00 A.M. to 12 :00 noon, with the afternoon session for four-year-olds from 12:15-3:15 P.M. The preschool is operated in connection with the Department of Family and Consumer Sciences and the Department of Curriculum and Instruction, Teachers College, Henderson, during the regular school year. The preschool is a quality approved center that follows Arkansas licensing requirements for child care centers and is accredited by Arkansas Better Beginnings. Because the enrollment is strictly limited, applications must be made considerably in advance of the opening date. Fees for attendance are assessed each semester and payable at the beginning of each semester. Inquiries about enrollment and requests for application forms may be mailed to the Director of the Davis-Baker Preschool, HSU PO Box 7724, Arkadelphia, AR, 71999, or accessed online at www.hsu.edu.

UNDERGRADUATE CURRICULUM

The student may select a plan of study leading to one of the eight baccalaureate degrees conferred by Henderson State University:

- The Bachelor of Arts
- The Bachelor of Fine Arts
- The Bachelor of Music
- The Bachelor of Science
- The Bachelor of Science in Education
- The Bachelor of Science in Nursing
- The Bachelor of General Studies
- The Bachelor of Business Administration

Students must complete a survey course in American History or American Government in order to receive any degree from the university.

Courses are listed by schools and colleges, under departmental heading. The subject fields are arranged alphabetically under each department; i.e., Geography, History, etc., under Social Sciences. Preceding the offerings in each field are listed the requirements for the major and minor in that field. The Dean of the School or College may make such modifications of the departmental requirements as are necessary to fit the needs of the individual student.

Freshman and sophomore courses are numbered 100x to 299x inclusive and are preceded by departmental designation. Senior College courses are numbered 300x to 499x inclusive.

Courses numbered 500x to 699x are taken for graduate credit.

The fourth figure of the course number following the three numbers shown above indicates the semester hours of credit.

A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than: (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practica, studio work, and other academic work leading toward to the award of credit hours.

LIBERAL ARTS CORE

Mission of the Liberal Arts Core

The mission of the Liberal Arts Core is to cultivate the skills, knowledge, and intellectual curiosity that are essential in every field of study, and which support a full and productive life. The University's Liberal Arts Core requirements introduce students to a variety of learning perspectives and methods of inquiry that combine to foster an appreciation for different ways of viewing, knowing, and engaging the world.

The curriculum emphasizes the acquisition of essential skills; chief among these are analytical and critical thinking, oral and written communication, and quantitative reasoning. Through the study of the liberal arts and sciences, the curriculum seeks to develop each student's understanding of self in relation to others. The Liberal Arts Core curriculum provides the foundation to acquire a mastery of a particular field of study, and enables graduates to participate as concerned, intelligent citizens of a rapidly changing, richly diverse, and increasingly interconnected world.

Henderson Seminar (1 hour)

While not part of the Liberal Arts Core, GEN 1031 Henderson Seminar is required of all freshmen during the first semester. Students who fail the class have the option to retake it during their second semester. This course must be taken at the freshman level.

Liberal Arts Core Requirements (45 hours)

Note: The State of Arkansas requires all students with ACT scores below 19 in Reading, English, and/or Mathematics to be remediated before taking college level courses in these subjects. Henderson offers the following courses to fulfill

this requirement. Credit hours earned in these courses do not count towards a degree.

Assessment-Related Courses

(Should be completed during freshman year and prior to taking upper division courses)

___ ENG 0423 Basic English ACT: 0-18 SAT: 0-469 ASSET: 0-44 COMPASS: 0-79	___ RDG 0043 Academic Reading ACT: 0-18 SAT: 0-469 ASSET: 0-42 COMPASS: 0-82
___ MTH 0003 Elementary Algebra ACT: 0-15 SAT: 0-389 ASSET: 0-32 COMPASS: 0-24	___ MTH 0013 Intermediate Algebra Mandated ACT: 16-18; Suggested ACT: 19-20 Mandated SAT: 390-459 Mandated ASSET: 33-39; Suggested ASSET: 40-48 Mandated COMPASS: 25-40

*MTH 0003 is sufficient remediation for students wishing to take Mathematics for the Liberal Arts and Mathematics Through Practical Applications. Those required to take College Algebra must complete Intermediate Algebra as the remediation course.

Students may count no more than 7 hours of “D” in the Liberal Arts Core. Students must earn grades of “C” or better in Freshman English A and B. Grades of “C” or better are also required in courses used to meet the Writing Across The Curriculum requirements.

Students must earn a minimum of 42 upper-level (junior/senior) hours in order to graduate. Most of these courses will be taken in the student’s chosen major, however, any upper level course approved in the Liberal Arts Core will also count towards this requirement. Foreign language at the intermediate level may count as upper level if taken during the junior or senior year.

Essential Skills

Students who successfully complete the essential skills component of the Liberal Arts Core will understand and appreciate the central role writing and critical thinking play in becoming an active student of the liberal arts. By fulfilling the essential skills requirements, students will be able to think coherently, write clearly and effectively, read with understanding and appreciation, speak effectively, demonstrate fundamental mathematical skills, and practice lifetime fitness skills. Throughout the Liberal Arts Core curriculum, students will develop skills for the appropriate use of various forms of technology.

Freshman English/Writing: (6 hours)

ENG 1463	Freshman English A and
ENG 1473	Freshman English B or
ENG 1803	Freshman English - Honors

Students with a score of 25 or higher on the English and Reading sections of the same ACT (or equivalent test) will be awarded credit for ENG 1463 (Freshman

English A) after completion of 15 hours at Henderson with a 2.00 or higher grade point average and ENG 1473 (Freshman English B) with a grade of “C” or better.

Communication: (3 hours)

Com 2013 Oral Communication

Mathematics: (3 hours)

Students majoring in business, aviation, computer science, mathematics, and natural sciences must have College Algebra or a more advanced mathematics course.

Choose one:

MTH 1033 Mathematics for Liberal Arts
MTH 1083 Mathematics Through Practical Applications
MTH 1213 Algebra for the Elementary and Middle Grades
 (for P-4 and 4-8 majors only)
MTH 1243 College Algebra
MTH 1253 Plane Trigonometry
MTH 1273 Precalculus Mathematics
 *Or any mathematics course more advanced than
 Precalculus*

Physical Well-Being: (1 hour)

Choose one:

HPR 1011 Lifetime Fitness Concepts
HPR ___1 P. E. Activity
 *An HPE methods course may satisfy the one-hour
 activity course. MSC1011 Introduction to ROTC,
 MSC1021 Introduction to Leadership, OR one year
 or more of active duty military service will also
 satisfy this requirement.*

Academic Enrichment

Students should consult with their major area advisor before registering for enrichment courses as some majors have specific course requirements.

Fine Arts and Humanities: (6 hours)

Students who successfully complete the Fine Arts and Humanities requirements will have the ability to respond or react to a given artistic creation using a range of tools that include aesthetic sensitivity, personal experience, understanding of social context, and a variety of cultural/historical references. Students will be able to demonstrate through their writing, observations, questions and discussions, familiarity with a significant number of influential and representative works.

Choose one:

ENG 2013 World Literature I
ENG 2023 World Literature II
ENG 2683 Masters of Western Literature
ENG 2793 Masters of Western Literature—Honors

Choose one:

ART 2033 Humanities: Art

ART 2603

Humanities: Studio Art

HUM 2093	Fine Arts: Honors
MUS 2033	Humanities: Music
MUS 4363 or 4373	Music history (for music majors-see Music Dept. pages)
THA 2033	Humanities: Theatre Arts

Social Sciences: (9 hours)

The courses in the social sciences are designed to assist students in obtaining a functional knowledge of the history of civilization and of our country in particular; give them an understanding of political systems abroad and in the United States; help them adjust to the physical and social environment; teach them the value of cooperation and tolerance in a free society; and encourage them to participate as concerned, intelligent citizens. The following courses provide a research-based perspective for studying the effects of cultural and social forces on individuals, groups, and institutions.

Choose one:

HIS 1013	World Civilization to 1660
HIS 1023	World Civilization since 1660
HIS 1043	World Civilization since 1660—Honors

Choose one:

HIS 2053	United States History to 1877
HIS 2063	United States History since 1877
PSC 1013	American National Government

Choose one:

ANT 2013	Introduction to Cultural Anthropology
ECO 2013	Macroeconomics
ECO 2023	Microeconomics
GEO 1023	Introduction to Geography
GEO 2163	World Geography
PSC 1023	State and Local Government
PSY 1013	General Psychology
PSY 1073	General Psychology--Honors
SOC 1013	Introduction to Sociology

Or any Civilization, U.S. History, or American National Government course listed above not used to fulfill another requirement. No more than nine hours of HIS courses can count towards the core.

Natural Science: (8 hours)

Upon successful completion of the requirements in natural science, students will be able to demonstrate an understanding of how scientific theories are evaluated and applied. They will understand the physical universe and recognize some of the issues in both the physical and life sciences that influence society. Students will be familiar with the technical language and basic theories of science that inform personal and public decision making.

Choose one:

BIO 1013/1021	Introduction to Biology (with lab)
BIO 2104	General Botany
BIO 2114	General Zoology

Choose one:

CHM1004	Introduction to Chemistry
CHM1014	University Chemistry I
CHM1034	General Chemistry Non-Majors
CHM1044	General Organic and Biochemistry
PHY 1024	Introduction to Astronomy
PHY 2034	General Physics I
PHY 2234	University Physics I

Non-Western Culture: (3 hours)

In a rapidly changing world, understanding cultural differences is important in fostering a perspective of global concern and acceptance of a range of cultural responses. Students completing the Non-Western Culture requirement will appreciate the complexity and diversity of world cultures. They will develop an understanding of how culture influences behavior, and in turn, how cultural differences impact intercultural interactions.

Choose one:

ANT 3043	North American Indians
ANT 4053	World Cultures
ART 4103	Art of the Non-Western World
EDU 4543	Teaching People of Other Cultures
ENG 3043	Non-Western Literature
GEN 4083	Study Abroad: Non-Western (requires travel)
GEO 3173	Geography of the Pacific
HIS 4673	Asian Civilizations
HIS 4683	The Modern Middle East
HIS 4693	African History
HPR 3973	History and Philosophy of Non-Western Leisure, Culture, Wellness and Sport
MUS 3473	Survey of Non-Western Music
NSG 3643	Trans-cultural Health Care
PHI 3023	Religions of the World
PHY 4293	Non-Western Cosmology
PSC 4233	Comparative Politics in the Middle East
PSC 4243	Comparative Politics in Africa
PSC 4253	South Asian Politics
PSY 3043	Cross-Cultural Psychology
PSY 3053	Multicultural Mental Health
SOC 4063	World Cultures
THA 3483	Theatre of the Non-Western World

Core Elective: (3 hours)

Electives offer students opportunities to explore personal interests, add variety to their studies, and advance particular academic, career, or professional goals.

Choose one:

FCS 2103	Nutrition
FCS 3163	Nutritional Needs of Young Children
FRE 1013	French 1 (or any higher level French)
GER 1013	German 1 (or any higher level German)
HUM2153	Introduction to Women's and Gender Studies
PHI 2013	Introduction to Philosophy

PHI 2083	Introduction to Philosophy—Honors
PHI 3113	Ethics
PHI 4043	Ancient Philosophy
PHI 4053	Modern Philosophy
PHS 3154	Physical Science for Teachers
SPA 1013	Spanish 1 (or any higher level Spanish)

Or any course listed in the Liberal Arts Core that has not been used to fulfill any other category.

Writing Across the Curriculum Requirements

The projected outcomes of students' skills, habits, and attitudes, while distinguishable, are not separable; they blend together to produce the ability to write well and to think critically. Cognition, writing process, and the written product interact and mutually reinforce one another.

Required: Must pass with a grade of “C” or better. (3 hours)

Choose one:

ENG 3313	University Writing
ENG 3613	Technical Writing
ENG 4453	Advanced Composition
MMC 4223	Magazine and Feature Writing
MMC 4293	Creative Nonfiction
NSG 3603	Healthcare Research for Evidence Based Practice

Writing Intensive (WI) Requirements: Must pass with a grade of “C” or better.

While not a part of the Liberal Arts Core, each student must take one 3000-4000 level writing intensive course in the major. Approved courses are identified in the Catalog, Registration Bulletin, and on the transcript as (WI). It is the responsibility of the chair/director/supervisor of the student's major, and the registrar, to “certify” that the upper-level writing requirement has been met.

Double Majors and Awarding Two Degrees

A student may earn two majors provided that the student meets all requirements for the degree and:

1. All requirements for both majors are completed at the time of graduation; and
2. Both majors are appropriate for the degree that is being earned.

A student is not required to earn more than 120 hours provided all requirements are met as stated above.

Students who desire to earn two undergraduate degrees must graduate with the first degree and then complete a minimum of 30 additional hours including all requirements for the second degree. This would require a minimum of 150 hours. Requirements must be met for each degree to include a minimum of 30 hours in residence.

THE SENIOR COLLEGE

The purpose of the last two years of college is to give each student additional knowledge in a selected field of learning, including two or more fields of specialization, and the specialized and professional courses necessary to meet degree requirements.

See Graduation Requirements in the "Regulations and Procedures" section of this Catalog for degree requirements. Students will participate in the program to assess student academic achievement and complete other standardized tests required by the university. Students must earn grades of "C" or better in Freshman English A and B to meet the university **English Proficiency Requirement**.

Bachelor of Business Administration

A candidate for the Bachelor of Business Administration degree is required to complete the university requirements for the Liberal Arts Core described in this Catalog. B.B.A. candidates should earn at least 50 percent of their hours in courses taken outside the School of Business.

All candidates for the B.B.A. degree must complete the 42-hour "business core" which consists of a broad variety of business courses and requirements for a selected major.

All candidates for the B.B.A. degree must take an exit exam designed to measure the candidates' knowledge of core business concepts. Exam results are part of the School of Business Assessment Program and are used to evaluate curriculum content and delivery to our students over time and compared to other programs.

Major fields of specialization include accounting and business administration with a required option in business information systems, entrepreneurship, finance, management, or marketing. Depending upon the choice of major, between 13 and 32 hours are required.

The B.B.A. degree does not require a minor field, but a business student is encouraged to minor in a non-business field. The specific course requirements are given in the various sections of the catalog. The minor will require 12-20 hours of which 3 hours must be junior/senior level.

Minor fields for the B.B.A. are the following: Anthropology, Aviation, Biology, Chemistry, Communication, Computer Science (Math), Criminal Justice, English, Family and Consumer Sciences, French, Geography, German, History, Human Diversity, Human Services, Innovative Media, International Studies, Logic, Mass Media, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Recreation, Sociology, Spanish, Women's and Gender Studies, and Writing Specialization.

Bachelor of Science in Education (or Education Track BA/BS)

A candidate for the Bachelor of Science in Education degree is required to complete the university requirements for general education. Transfer students must meet those requirements set by the Arkansas Department of Education, subject to college regulations as stated in the "Regulations and Procedures" section of this Catalog. Any teacher licensure requirement that is not included in the Liberal Arts Core must be taken in addition to the Liberal Arts Core. All academic and Praxis

testing requirements for teacher licensure in Arkansas must be completed.

All teacher education candidates must complete the 29-hour Principles of Learning and Teaching core or its equivalency. This core consists of three specified modules and internship. It is strongly recommended that students concurrently enroll in the courses designated in each module. **Modules should be taken in their designated sequence.** See specific Principles of Learning and Teaching Core requirements listed under Department of Curriculum and Instruction in the "Teachers College" section of this Catalog.

I. Bachelor of Science in Education—**Early Childhood (P-4) Education**

In addition to the university's Liberal Arts Core and the Principles of Learning and Teaching Core, Early Childhood Education majors (primary through grade 4) must take at least 50 hours of specified early childhood courses. See specific early childhood course requirements listed under Department of Curriculum and Instruction in the "Teachers College" section of this Catalog.

II. Bachelor of Science in Education—**Middle Childhood (4-8) Education**

Middle Childhood Education majors (grades 4 through 8) may select from two specialty areas: 1) middle school language arts/social studies or 2) middle school math/science. In addition to the university's Liberal Arts Core and the Principles of Learning and Teaching Core, Middle Childhood Education majors must take specified middle school core courses and designated courses for selected specialty areas. See specific middle childhood education course requirements listed under Department of Curriculum and Instruction in the "Teachers College" section of this Catalog.

III. Bachelor of Science in Education (or BA/BS with Teacher Licensure)
Secondary Education Areas (7-12) or P-12 Licensure Areas

Teaching Field Major (minimum of 30 semester hours)

A teaching field or major for the Bachelor of Science in Education degree or Education Track BA/BS requires at least 30 semester hours, at least nine of which must be at the Senior College level. In certain areas, special curricula are required. The major must be in one of the following teaching fields and must include the requirements for a license to teach in the selected area: art, communication/theatre arts, English, family and consumer sciences, mathematics, music (instrumental/vocal), physical education, social sciences, Spanish, or business and technology education as authorized by the Arkansas Department of Education. Specific courses required for teaching fields, majors and minors are listed in the "Departments and Courses of Instruction" section of this catalog, as are required professional education courses. **Requirements for teacher licensure in the State of Arkansas must be completed.** NOTE: In the area of social sciences, the major and minor requirements are combined.

Students may complete a Bachelor of Science in Education degree in **business and technology education, art, health and physical education, or social studies** that is designed to prepare them for teaching in a P-12 or grades 7 through 12 educational setting. In addition to completing the university's Liberal Arts Core and the Principles of Learning and Teaching Core described in a later section, students who seek a BSE degree in these disciplines must complete requirements for the major and, as a result, must develop a major

degree plan with content-area advisors within those specific departments. The Business and Technology Education degree program is administered through the Department of Curriculum and Instruction.

Students who wish to teach **family and consumer sciences, math, English, drama, speech, music** or **Spanish** will complete a bachelor of science or a bachelor of arts degree in the major discipline. In addition to completing the university's Liberal Arts Core and the Principles of Learning and Teaching Core described in a later section, students who seek a BA or BS degree in these disciplines must complete requirements for the major and, as a result, must develop a major degree plan with content-area advisors within those specific departments.

Bachelor of Arts **Hours**

1. General Education..... 45
Includes Physical Education.

2. A course in U.S. History or a course in American Government in college is required by state law before any degree is granted.

3. Foreign Language 6-12

Credit in two or more languages will not satisfy the requirement. Students must offer six hours in intermediate level or above of a principal modern foreign language.

4. A Major..... 24-36

A major for the Bachelor of Arts degree requires 24-36 hours, at least nine of which must be at the Senior College level.

Major and minor fields of specialization for the Bachelor of Arts degree are as follows: accounting (minor), anthropology (minor), aviation (minor), biology (minor), business administration (minor), chemistry (minor), child and family dynamics (minor), communication, computer science (minor), criminal justice (minor), dance (minor), English, French (minor), geography (minor), German (minor), history, human diversity, human services (minor), logic (minor), mass media, mathematics, (minor), music, philosophy (minor), photography, physics (minor), political science, psychology, public administration, recreation, sociology, Spanish, theatre arts, Women's and Gender Studies (minor), writing for the media (minor), writing specialization (minor).

Specific course requirements for a major or minor in the various areas are listed under "Schools and Courses of Instruction" section of this catalog.

5. Minor 12-18

A minor for the Bachelor of Arts degree requires at least 12 semester hours, at least three of which must be at the Senior College level. Minor fields, types of minors, and limitations on courses accepted are given under the major. If foreign language is used as a minor, 15 semester hours of college courses are required.

Bachelor of Science **Hours**

- 1. General Education.....45

Includes two semesters of physical education. ECO 2013 or 2023 will meet three hours of the social sciences requirement.

- 2. American history and government requirement is the same as for the Bachelor of Arts degree.

- 3. Mathematics.....12

If the major is Mathematics, University Chemistry and Physics are required. If the major is Computer Science, University Chemistry or General Physics is required. Intermediate Algebra cannot be used to meet the 12-hour mathematics requirement. Programs in human services, recreation, family and consumer sciences, and aviation provide for 12 required hours other than mathematics. Biology majors may select 12 hours of mathematics or six hours of mathematics and eight hours of physics.

- 4. Major - a minimum of.....30

A major for the Bachelor of Science degree requires 30 semester hours.

Senior hours, restricted and related area requirements, and basic course limitations for a major or minor are the same as given for the Bachelor of Arts degree above.

Major fields of specialization are limited to the following subject fields: aviation, biology, chemistry, computer science, family and consumer sciences, human services, mathematics, med tech, physics, psychology, and recreation. Specific course requirements for a major or minor are given in the various sections of this catalog.

- 5. Minor 12-18

A minor for the Bachelor of Science degree requires 12 to 18 semester hours, at least three of which must be at the Senior College level.

If a foreign language is selected, it should be a modern language.

Minor fields of specialization for the Bachelor of Science degree are the same as for the Bachelor of Arts degree and include chemistry and physics.

Bachelor of Music

Requirements for the above degree are listed in the "Schools and Courses of Instruction" section of this catalog.

Students taking only the minimum required courses can complete the BM in performance or composition in eight semesters, but most students in the education track must include some summer study or additional semester(s). Students changing to a music major after two or more semesters in another field of study should generally plan for at least seven semesters of music study.

Bachelor of Fine Arts **Hours**

- 1. General Education 45
- 2. American history and government requirement is the same as for the Bachelor of Arts degree.
- 3. A major 82

A major for this degree may be completed in studio art. No minor is required.

Bachelor of Science in Nursing **Hours**

- 1. General Education 45
- 2. Pre-nursing support courses 15-18
- 3. Nursing Courses 60

Specific course requirements for a major are listed under the Department of Nursing section of this catalog.

Bachelor of General Studies Degree Program

The BGS program is designed to utilize existing university resources in developing a personalized, challenging plan of study. Students most suitable to the BGS program are those who 1) want to pursue a unique field of study not currently in the regular curricular offerings, 2) are undecided about career goals and wish to pursue various university resources to help them in finding a more specific path to follow; 3) desire an education motivated by self-interest with no specific intent to use the degree for career purposes; or 4) who need a degree to advance in their chosen profession or to go on to graduate school, but the type of degree is not specified by their employer or graduate program of choice. While empowered to make many curricular decisions themselves, students in the BGS program work closely with their advisors to ensure they graduate with those skills critical to the mission of Henderson State University.

The plan of study for each student must be developed with an advisor and approved before officially registering as a BGS student. A list of possible courses for each area of emphasis and for the technology component must be included.

A minimum of 15 semester hours of credit must be earned **after a student has enrolled in the Bachelor of General Studies program, in order for the student to be qualified and eligible to receive the BGS degree (the 15 credit clock will not start until the following semester for those changing their majors after midterm)**. These 15 hours do not supersede the Henderson residing policy. In developing the plan of study, students are reminded that at least 42 hours must be taken at the junior and/or senior level. A maximum of seven hours of “D” will be accepted in the LAC and elective area, but a grade of “C” or better is required in all other areas.

Degree requirements:

- Liberal Arts Core 45

Critical Thinking/Technology 12
(must take courses from at least 2 different areas)

Areas of Emphases - 15 hours each 45
(must have at least 15 hours from a single discipline but no more than 30 from one emphasis area)

Electives (to complete 120-hour degree)

Emphasis Areas: (15 hours each)

Aviation

Business

Education A (EDE/EDU/EDM/SPE)

Education B (HPE/HPR/ATP)

Eng/Foreign Language/Philosophy

Family and Consumer Sciences

Fine Arts (no more than 3 areas)

Mathematics and Computer Science

Military Science

Recreation

Sociology/Psychology

Sciences

Social Sciences

Pre-Nursing

Interdisciplinary (Courses to be selected by student and advisor, with approval of advisor. Maximum of 15 hours in Interdisciplinary studies.)

Writing Intensive Requirement:

Students must complete a total of 1 writing intensive courses (WI) representing two different emphasis areas.

Proficiency Profile Exam:

All BGS majors must take the Proficiency Profile exam during their final semester as part of their graduation requirement.

PRE-PROFESSIONAL STUDIES

The university offers programs providing for the completion of entrance requirements of most professional schools. Students may elect to complete the basic requirements and transfer to a professional school or may elect to earn a degree from Henderson prior to transferring.

Students are urged to contact the professional school of their choice for specific entrance and test requirements. The programs outlined below are given to assist students and will meet requirements of most schools. Advisors will provide additional information to students.

Program for Pre-Law

Generally, it is advisable for pre-law students to pursue an undergraduate program in the liberal arts in order to obtain a broad liberal education and increased

cultural awareness. Beyond this basic preparation, future law students should select a major relevant to the specialized interests of their future career. Two classic majors for pre-law students which provide excellent preparation for admission to law school are history and political science. Many pre-law students choose to major in one of these two fields and minor in the other. Students who have a special interest in criminal law may wish to consider minoring in criminal justice. For those who have an interest in tax law or related areas, a major in one of the areas of business may be appropriate.

The pre-law student should contact the pre-law advisor in the Department of Social Sciences, who can provide guidance in the selection of courses and can also provide information about requirements. The pre-law advisor can also provide information about the Department of Social Sciences annual Sidney S. McMath Pre-law Conference and Banquet. The conference is named in honor of the late Sidney S. McMath, a Henderson alumnus who was Governor of Arkansas from 1949 to 1953. Held every spring, the conference features a keynote address by a prominent member of the Arkansas bar. During the past decade, keynote speakers have included two Chief Justices of the Arkansas Supreme Court, two Federal District Judges, one Judge of the Arkansas Court of Appeals, two former United States Senators who are also former Arkansas Governors, a former Arkansas Congressman who is also a former Arkansas Attorney General, a Deputy Attorney General of Arkansas, a President of the Arkansas Conference of the American Civil Liberties Union, and the late Governor McMath himself. In addition, representatives of law schools and local attorneys are present to answer questions about admission to law school and the practice of the law.

Program for Pre-Engineering

Pre-engineering students acquire technology-based problem-solving skills in a traditional liberal arts context, laboratory experiences, computer-based data acquisition and analysis. Computer simulations are used in all physics and engineering classes.

The pre-engineering curriculum is based on the core courses listed below. The curriculum is flexible and can be tailored to allow you to achieve your goals. Let us know your goals and we will suggest a personal curriculum adapted to your plans.

Pre-Engineering Core:

First Year (Fall)		Hours
MTH	1273	Precalculus.....3
CHM	1014	University Chemistry I .....4
ENG	1463	Freshman English A .....3
First Year (Spring)		Hours
PHY	2234	University Physics I.....4
MTH	1295	Calculus I.....5
CHM	1024	University Chemistry II .....4
ENG	1473	Freshman English B .....3
Second Year (Fall)		Hours
PHY	2244	University Physics II .....4
MTH	2045	Calculus II .....5

Second Year (Spring)		
MTH	3103	Calculus III.....3

Recommended Engineering courses:

First Year (Fall)		
EGR	1201	Introduction to Engineering.....3

First Year (Spring)		
EGR	1413	Engineering Graphics (AutoCAD) .....3

Second Year (Fall)		
EGR	2253	Engineering Computer Solutions.....3

Second Year (Spring)		
EGR	3434	Digital Electronics .....4

The three-semester-hour course, Introduction to Engineering, is recommend for the fall semester of year one. As a part of this course, students explore engineering careers and compare the curricula of colleges of engineering. This directed investigation allows students to make the most of their pre-engineering experience. Courses beyond the pre-engineering core are selected to achieve individual goals developed during the Introduction to Engineering course.

The three-semester-hour AutoCAD-based course, Engineering Graphics, is recommended for spring semester during either year one or year two. After completion of Calculus I and University Physics I, the three-semester-hour course Engineering Computer Solutions may be selected during the fall semester. Following University Physics II the four-semester-hour laboratory-based course Digital Electronics is an option.

Engineering Internship credit is available subject to the approval of the pre-engineering advisor for students involved in appropriate work experience under the supervision of an engineer.

Programs for Pre-Dentistry, Pre-Medicine, Pre-Optometry, Pre-Physical Therapy, Pre-Veterinary

Below is the pre-admission course work required for acceptance into a professional school. Students interested in one of these areas must confer with an advisor for their area of interest. Admission to one of these professional schools almost always requires a four year degree, therefore your advisor should be a faculty member in the area in which you will major.

Pre-Dental Hygiene

Most HSU pre-dental hygiene students apply to and enter the University of Arkansas for Medical Sciences. The course requirements for application to this school are given below. Other dental hygiene associate programs could have additional or different requirements.

8 hrs biology	Introduction to Biology or Zoology and Microbiology with labs
4 hrs chemistry	Gen. Chemistry

3 hrs math	College Algebra
3 hrs computer science	Introduction to computer science
6 hrs English	English A and English B
3 hrs history	U.S. History to 1877 or U.S. History since 1877 or American National Government
3 hrs speech	Oral Communication
3 hrs Psychology	Gen. Psychology
3 hrs Sociology	Introduction to Sociology

Pre-Dentistry

Most HSU pre-dental students apply to and attend the University of Tennessee's College of Dentistry. The course requirements for application to this school are given below. Other dental schools could have additional or different requirements.

8 hrs biology	General Zoology and General Botany with labs
20 hrs chemistry	Univ. Chemistry I & II, Organic Chemistry I & II, and Biochemistry with labs
6 hrs English	English A and English B
8 hrs physics	Gen. Physics I & II or Univ. Physics I & II with labs
4 hrs	Other biology: Histology, Microbiology, or comparative anatomy with labs

Recommended electives include genetics, comparative anatomy, developmental biology, cell biology, histology, microbiology, molecular biology, physiology, and neurobiology.

Pre-Medical

Most HSU pre-medical students apply to and attend the University of Arkansas for Medical Science School of Medicine. The course requirements for application to this school are given below. Other medical schools could have additional or different requirements.

12 hrs biology	Zoology, Botany, and Genetics with labs
16 hrs chemistry	University Chemistry I & II and Organic Chemistry I & II
3 hrs biochemistry	Biochemistry
8 hrs physics	Gen. Physics I & II or Univ. Physics I & II with labs
3 hrs statistics	MTH3163, STA2323, PSY2143, SOC3103
6 hrs English	English A and English B
6 hrs social science	Psychology & Sociology are strongly recommended

Strongly recommended courses are in the areas of BIOLOGY: embryology, histology, cellular and molecular biology. PHYSICS and MATH: computer science. BEHAVIORAL SCIENCE: sociology, physical or cultural anthropology, human ecology, general and special psychology. HUMANITIES: facility in understanding written and spoken English is fundamental to precise communication.

Pre-Optometry

Most HSU pre-optometry students apply to and attend the Southern College of Optometry. The course requirements for application to this school are given be-

low. Other optometry schools could have additional or different requirements.

12 hrs biology	General Zoology, General Botany and Microbiology with labs
20 hrs chemistry	Univ. Chemistry I & II, Organic Chemistry I & II, and Biochemistry with labs
6 hrs English	English A and English B
8 hrs physics	Gen. Physics I & II or Univ. Physics I & II with labs
8 hrs math	Calculus I and Statistics
3 hrs psychology	General Psychology
6 hrs social science	Sociology, psychology, history, political science, philosophy, geography, etc.

Pre-Physical Therapy

Most HSU pre-physical therapy students apply to and enter the physical therapy program at the University of Central Arkansas. The course requirements for application to this school are given below. Other physical therapy programs could have additional or different requirements.

22 hrs biology	Human Anatomy and Physiology I & II, Animal Histology, and Cell Biology with labs; two upper division animal-based courses
8 hrs chemistry	Univ. Chemistry I & II or Gen. Chemistry and Gen. Organic & Biochemistry with labs
8 hrs physics	Gen. Physics I & II with labs
6 hrs psychology	Gen. Psychology and one elective
3 hrs statistics	Statistics or Experimental Statistics or Statistical Methods
1 hr medical terminology	Medical Terminology

Pre-Veterinary

Most HSU pre-veterinary students apply to and attend the Louisiana State University's School of Veterinary Medicine. The course requirements for application to this school are given below. Other veterinary schools could have additional or different requirements.

12 hrs biology	General Zoology, General Botany and Microbiology with labs
20 hrs chemistry	Univ. Chemistry I & II, Organic Chemistry I & II, and Biochemistry with labs
6 hrs English	English A and English B
8 hrs physics	Gen. Physics I & II or Univ. Physics I & II with labs
6 hrs math	College algebra or Precalculus, and trigonometry
3 hrs speech	Oral communications

Additional biology and chemistry electives are recommended for all pre-professional students. The number and names of the elective biology and chemistry courses depend upon the student's major. Most students who choose one of these professions are either biology or chemistry majors. It would be best for a student to seek advice from the department in which they intend to major.

Professional Baccalaureate Degree

A student who completes 90 hours of college credit with a minimum of 30 of the last 36 hours in residence at Henderson with at least a 2.00 grade point average and graduates from an accredited professional school in medicine, dentistry, law, veterinary medicine, or osteopathy may be awarded a professional baccalaureate degree.

Program for Pre-Pharmacy

Below are the courses required for acceptance into the College of Pharmacy at the University of Arkansas for Medical Sciences. A minimum of three years is recommended for this required course work.

Core Courses

5 hrs math	MTH 2045 Calculus I
16 hrs chemistry	CHM 1014/CHM1024 Univ. Chemistry I & II and labs CHM 3063/CHM3051 Organic Chemistry I and lab and CHM3073/CHM3131 Organic Chemistry II and lab
12 hrs biology	BIO 2114 General Zoology and lab BIO 2014 General Botany and lab BIO 3094 Microbiology and lab
4 hrs physics	PHY 2034 General Physics I and lab

Non-core Courses

9 hrs English	ENG1463/ENG1473 Freshman English A & B Or Honors English and a higher English course
3 hrs communication	COM 2013 Oral Communications
3 hrs business	ECO 2013 Microeconomics Or ECO 2023 Macroeconomics Or ACC 2013 Principles of Accounting

9 hrs recommend Selectives:

CHM 2084	Quantitative Analysis
MTH 2045	Calculus II
MTH 2323	Statistical Methods
PHY 2044	General Physics II and lab
ENG 2133	Logic and Argument
BIO 3314	Animal Physiology
BIO 3054	Genetics and lab
BIO 4214	Cell Biology and lab
CHM 4283/4381	Biochemistry and lab

The courses listed above fulfill the requirements for the University of Arkansas for Medical Sciences. A total of 69 hours are required. Humanities electives (humanities, literature, social sciences, history) are taken to complete the required 69 hours. Other requirements in mathematics must be met prior to taking Calculus I. Consult with a pre-pharmacy advisor for options and curriculum requirements for other pharmacy schools. The Biology and Chemistry department and the UAMS Pharmacy School recommend at least three years completing the required course

work. Acceptance into a professional school is not guaranteed therefore it is wise to work toward a four year degree as you take these courses.

Medical Technology

Dr. John T. Long, Advisor-Baptist Health School of Medical Technology

Jennie Manees, Program Director, Henderson Adjunct Instructor

Medical Technology is a profession which is practiced almost exclusively in hospitals or diagnostic clinics. Medical technologists perform laboratory tests on blood and body fluids to determine the presence or absence of disease, to monitor the response of treatment and to assist in health maintenance.

The Ellis College of Arts and Sciences, in cooperation with the Baptist Medical Center in Little Rock, offers a Bachelor of Science degree in medical technology. Three years of the program are obtained on the Henderson campus. The fourth year is completed at the Baptist Medical Center in Little Rock or at an approved hospital-associated teaching laboratory.

Upon completion of the fourth year clinical program, the graduate is eligible to apply for the various certification examinations.

Degree Requirements:

1. Completion of a minimum of 90 semester hours described below with at least a 2.00 GPA is necessary for application to the clinical curriculum. In order to receive credit toward a degree from the university, the student must apply and be admitted to Henderson prior to enrolling in the clinical curriculum in medical technology. In all cases, students will be required to complete nine months of residence at Henderson State University with a minimum of 30 hours of residence credit.
2. Acceptance into the clinical program in medical technology at Baptist Medical Center.
3. Completion of the clinical curriculum with a minimum GPA of 2.00.

On-Campus Curriculum	Hours
A. General Education Component	38
B. Specific General Education and Other Required Courses:	
BIO 2114, 3094, 3544, and 4 hours Jr.-Sr. electives	16
CHM 1014, 1024, 2084, 3051, 3063, and 3073, 3131	20
Electives	3-4
Total Hours	81-82

Recommended Electives: Parasitology (BIO 3444), Biochemistry (CHM 4283), and Introduction to Computers (CSC 2003).

A minor is required for graduation from Henderson. A minor in biology is obtained by taking CHM2104 Botany. A minor in chemistry is obtained by taking the 20 hours of required courses listed above.

Clinical Curriculum	Hours
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Seminar I - Laboratory Fundamentals.....	1
Seminar II.....	2
Immunology.....	2
Management and Educational	
Topics.....	1
Body Fluids.....	1
Immunohematology.....	2
Clinical Microbiology.....	4
Clinical Chemistry.....	4
Hematology.....	4
Internship I.....	4
Internship II.....	4
Internship III.....	3
Internship IV.....	6
Total Hours.....	38

Clinical Courses in Medical Technology

MTC 4001. Seminar I - Laboratory Fundamentals. Introduction to the hospital laboratory including phlebotomy and medical terminology; attendance at laboratory inservice.

MTC 4302. Seminar II. Attendance at laboratory inservice; presentation of inservice including visual aids; review for comprehensive exam.

MTC 4102. Immunology. Principles of basic immunoglobulin structure and antigen-antibody reactions with application to clinical immunology procedures.

MTC 4401. Management and Educational Topics. Introduction to basic principles of management and educational principles.

MTC 4201. Body Fluids. Chemical, physical and microscopic study of urine, cerebrospinal and other body fluids.

MTC 4202. Immunohematology. Genetic theory of human blood groups and fundamentals of transfusion practice and components therapy.

MTC 4104 Clinical Microbiology. Study of human pathogenic microorganisms including bacteria, mycobacteria, fungi and parasites, with emphasis on clinical isolation and identification techniques.

MTC 4204. Clinical Chemistry. Study of analyses in serum with emphasis on clinical significance, diagnostic utility, and detection methods, including immunoassay and toxicology.

MTC 4304. Hematology. Study of hematopoiesis, anemias, leukemias, hemoglobinopathies, coagulation, and principles of hematological testing.

MTC 4504. Internship I. Clinical training in the following areas of hospital laboratory: hematology and coagulation. Includes operation of instrumentation and quality control practices.

MTC 4604. Internship II. Clinical training in the following area of the hospi-

tal laboratory: Chemistry & Urinalysis. Includes operation of instrumentation and quality control practices.

MTC 4103. Internship III. Clinical training in the following area of the hospital laboratory: Blood Bank/Serology. Includes operation of instrumentation and quality control practices.

MTC 4206. Internship IV. Clinical training in the following area of the hospital laboratory: Microbiology. Includes operation of instrumentation and quality control practices.

Radiography

Ms. Janice O'Donnell, Advisor-Baptist Health Schools Little Rock

Judy Pile, Director, Henderson Adjunct Instructor; Brenda Simmons, Program Director, Henderson Adjunct Instructor; Suzy Bullard, Clinical Coordinator, Henderson Adjunct Instructor

Radiographers are medical professionals responsible for performing diagnostic x-ray examinations using ionizing radiation.

The Ellis College of Arts and Sciences, in cooperation with the Baptist Health Schools in Little Rock, offers a Bachelor of Science degree in radiography. Two years of the program are completed on the Henderson campus. The third and fourth years are completed at the Baptist Health Schools in Little Rock or at an approved hospital-associated teaching laboratory.

Upon completion of the final year of study at Baptist, graduates are eligible to apply for the various certification examinations.

Degree Requirements:

1. Completion of a minimum of 65 semester hours (described below) is necessary for application to the clinical curriculum. The student must apply and be admitted to Henderson prior to enrolling in the clinical curriculum in radiography. Transfer students must complete at least 30 hours through Henderson State University. All general education course requirements must be completed by the end of the Summer I term prior to enrollment in the affiliate professional program which begins each July. Students must present a statement of eligibility to apply to the professional program, signed by the University radiography advisor.
2. Acceptance into the clinical program in radiography at Baptist Medical Center.
3. Completion of the clinical curriculum with a minimum GPA of 2.00.

On Campus Curriculum

Hours

A. Specific General Education and Other Required Courses:	
BIO 1013/1021.....	12
PSY 1013, 3063	6
PHY 2034, 2044.....	8
CSC 2003 or 2163.....	3
HPR 2782 (or elective agreeable to the advisor).....	2
PHI 3113	3

B. General Education Component remaining	37
Total Hours	65

Clinical Curriculum

Junior Year

Junior Year: Summer II Semester (6 hours)

RAD	3001	Introduction to Radiography
RAD	3064	Clinical Education I
RAD	3081	Image Analysis I

Junior Year: Fall Semester (12 hours)

RAD	3011	Spiritual Perspectives in Healthcare (No Degree Credit)
RAD	3021	Medical Terminology
RAD	3032	Image Processing
RAD	3042	Radiographic Procedures I (Contrast Media) (No Degree Credit)
RAD	3051	Medical Ethics and Law
RAD	3103	Radiographic Procedures II
RAD	3114	Clinical Education II
RAD	3151	Radiation Production and Characteristics I

Junior Year: Spring Semester (12 hours)

RAD	3073	Patient Care in the Radiological Sciences
RAD	3143	Radiographic Procedures III (Routine/Pediatrics) (No Degree Credit)
RAD	3164	Clinical Education III
RAD	3121	Image Analysis II (No Degree Credit)
RAD	2202	Radiation Production and Characteristics II
RAD	3092	Digital/Film Image Acquisition and Display I
RAD	3211	Radiographic Procedures IV (Special Procedures) (No Degree Credit)
RAD	3251	Imaging Equipment (CT, Ultrasound, Nuclear Medicine, MRI)

Senior Year

Senior Year: Summer Term II

RAD	322X	Clinical Education IV (No Degree Credit)
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Senior Year: Fall Semester (14 hours)

RAD	4133	Digital/Film Image Acquisition and Display II
RAD	4282	Radiographic Pathology
RAD	4291	Introduction to Quality Assurance
RAD	3191	Image Analysis III
RAD	4243	Radiographic Procedures V
RAD	4264	Clinical Education V

Senior Year Spring Semester (16 hours)

RAD	4231	Image Analysis IV
RAD	4182	Principles of Radiation Protection

RAD	4171	Principles of Radiation Biology	
RAD	4309	Clinical Education VI	
RAD	4273	Senior Seminars (Review)	
Total Hours			60

Courses in Radiography

RAD 3001. Introduction to Radiography. The student is oriented to the structure, policies, and procedures of the school, Radiology Department, and hospital. A brief history of medicine and Radiology is reviewed. The student is acquainted with professional organizations, licensure and career opportunities. The basic principles of radiation protection are introduced. The course includes the following number of contact hours: Theory - 23 contact hours.

RAD 3011. Spiritual Perspectives in Healthcare. A study of the concept of spiritual perspectives of the whole person and the relationship of this to health care practice. An examination of the major religions as avenues of spiritual expression is also discussed. The impact of spiritualness on illness and healing is also explored. The course includes the following number of contact hours: Theory - 15 contact hours.

RAD 3021. Medical Terminology. To work effectively in Radiology, it is necessary to understand the language of medicine. The student learns the word-building system of medical terminology; prefixes, suffixes and root or stem words relating to the body and its systems. Terms, abbreviations and symbols especially pertinent to medical imaging are studied with emphasis on understanding the meaning of such words and their proper usage in medicine. The course includes the following number of contact hours: Theory - 22 contact hours.

RAD 3032. Image Processing. Provides the student with a thorough knowledge of processing chemistry, the various systems of automatic processors, and the radiographic image characteristics. The design and structure of the processing room and appropriate accessories are discussed. The causes of, elimination of and artifacts on film/images are learned, as well as means of silver reclamation. The course includes the following number of contact hours: Theory- 30 contact hours.

RAD 3042. Radiographic Procedures I (Contrast Media). This course is the first in a sequence of courses that instructs the student in the radiographic positioning of the anatomic structures and organs of the body, correlated with Human Structure and Function. In addition to the basic radiographic positions and procedures, special or supplementary radiographic views and studies using contrast media are also discussed. The course includes the following number of contact hours: Theory - 40 contact hours.

RAD 3051. Medical Ethics and Law. Content is designed to provide a fundamental background in ethics. The historical and philosophical base of ethics, as well as the elements of ethical behavior, are discussed. The student will examine a variety of ethical issues and dilemmas found in clinical practice; an introduction to legal terminology, concepts and principles will also be presented. Topics include misconduct, malpractice, legal and professional standards and the ASRT scope of practice. The importance of proper documentation and informed consent is empha-

sized. The course includes the following number of contact hours: Theory - 15 contact hours.

RAD 3064. Clinical Education I. There are a total of six (6) clinical categories or practicums in this clinical education program. All clinical experiences correlate with the student's academic education. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. The course includes the following number of contact hours: Clinical Laboratory - 220 contact hours.

RAD 3073. Patient Care in the Radiological Sciences. A study of the concepts of care of the patient in radiology, including both physical and psychological conditions. General nursing procedures, patient preparation for radiographic procedures, the basic forms of contrast media and the precautions for administering such, and emergency care are discussed. The student prepares to deal with patients in a manner that does not add further discomfort or injury, nor hinder recovery. Basic concepts of IV therapy, and vital signs are obtained in this course. The newly enrolled student radiographer is required to document they have completed the "Healthcare Provider CPR Course" at American Heart Association Standards, before school starts. This requirement is to be completed at the student's expense. The student must re-certify prior to graduation at their own expense to be job ready. The course includes the following number of contact hours. Theory - 50 contact hours.

RAD 3081. Image Analysis I. There are a series of four Image Analysis courses designed to correlate with clinical and academics. Content is designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. The course includes the following number of contact hours: Theory - 22 contact hours.

RAD 3092. Digital/Film Image Acquisition and Display I. Content is designed to impart an understanding of the components, principles and operation of digital and film based imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems. Principles of digital system quality assurance and maintenance are presented. The course includes the following number of contact hours: Theory - 40 contact hours.

RAD 3103. Radiographic Procedures II. This course is a continuation of course RAD 3042 with an emphasis on basic radiographic positioning of the lower and upper anatomic structures, correlated with Human Structure and Function. The course includes the following number of contact hours: Theory - 45 contact hours.

RAD 3114. Clinical Education II. This is a continuation of course RAD 3064. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. The course includes the following number of contact hours: Clinical Laboratory - 220 contact hours.

RAD 3121. Image Analysis II. A continuation of course RAD 3081. Content is designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. The course includes the following number of contact hours: Theory - 22 contact hours.

RAD 4133. Digital/Film Image Acquisition and Display II. A continuation of course RAD 3092. Content is designed to impart an understanding of the components, principles and operation of digital and film based imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems. Principles of digital system quality assurance and maintenance are presented. The course includes the following number of contact hours: Theory - 50 contact hours.

RAD 3143. Radiographic Procedures III (Routine and Pediatrics). A continuation of course RAD 3103 (Routine and Pediatrics) to include the positioning of bones of the spine and skull. A study of special problems in radiography of children is emphasized and routine positioning for radiography of children is taught. The course includes the following number of contact hours: Theory - 50 contact hours.

RAD 3151. Radiation Production and Characteristics I. A study of the general theories of physics at atomic and subatomic levels, electrostatics and electronics related to radiographic practice, x-ray tubes and transforms, circuits and equipment. The production of x-radiation, its properties, measurements and interaction with matter are studied. The course includes the following number of contact hours: Theory - 25 contact hours.

RAD 3164. Clinical Education III. This is a continuation of course RAD 3114. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality

ty management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. The course includes the following number of contact hours: Clinical Laboratory-200 contact hours.

RAD 4171. Principles of Radiation Biology. A study of the effects of ionizing radiations on living tissues. Included are discussions on relative sensitivity and resistance of organ systems, cellular and systematic response to radiation, and in-utero response to radiation. The acute and latent effects of radiation are also discussed. The course includes the following number of contact hours: Theory - 20 contact hours.

RAD 4182. Principles of Radiation Protection. A study of the interactions of radiation with matter, its biological effects, and the need for protection. Methods for minimizing exposure to patients, maximum permissible dose equivalents, personnel monitoring, shielding, and methods of measuring ionizing radiation are discussed. The course includes the following number of contact hours: Theory - 30 contact hours.

RAD 3191. Image Analysis III. A continuation of course RAD 3121. Content is designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. The course includes the following number of contact hours: Theory - 22 contact hours.

RAD 2202. Radiation Production and Characteristics II. A continuation of course RAD 3151 with an emphasis on x-ray tubes, transformers, rectifiers, circuits and equipment types. The course includes the following number of contact hours: Theory - 30 contact hours.

RAD 3211. Radiographic Procedures IV (Special Procedures). A continuation of course RAD 3143 introducing the student to specialized procedures. The course includes the following number of contact hours: Theory - 20 contact hours.

RAD 322X. Clinical Education IV. This is a continuation of course RAD 3164. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. The course includes the following number of contact hours: Clinical Laboratory - 460 contact hours.

RAD 4231. Image Analysis IV. A continuation of course RAD 3191. Content is designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. The course includes the following number of

contact hours: Theory - 22 contact hours.

RAD 4243. Radiographic Procedures V. A continuation of course RAD 3211. Content is designed to emphasize certain special views used to demonstrate specific anatomical parts which are difficult to see in routine positioning. Daily oral quizzes are given. This course also provides a review of routine positioning. Students will review body rotations, central ray locations, tube tilts, anatomy, and structures shown. The course includes the following number of contact hours: Theory - 57 contact hours.

RAD 3251. Imaging Equipment (Ultrasound, Nuclear Medicine, MRI). Introduces the student to various methods of recording images, fundamentals of maintenance and relates principles of diagnostic imaging to the process of image production and the specific equipment it requires. Content includes image intensification, magnification, tomography and digital. The student is acquainted with advanced imaging techniques, including Computed Tomography, Ultrasound, Nuclear Medicine and Magnetic Resonance Imaging. The course includes the following number of contact hours: Theory - 16 contact hours.

RAD 4264. Clinical Education V. This is a continuation of course RAD 322X. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. The course includes the following number of contact hours: Clinical Laboratory - 220 contact hours.

RAD 4273. Senior Seminar (Review). Review sessions in those courses deemed critical for the Registry examination. Students are also given simulated Registry examinations to aid in preparation and familiarization with conditions under which the Registry is given. Computer review is also scheduled during this time. The course includes the following number of contact hours: Theory - 57 contact hours.

RAD 4282. Radiographic Pathology. An introduction to the concepts of disease. Trauma/physical injury, the systemic classification of disease, and repair and replacement of tissue are discussed. The course includes the following number of contact hours: Theory- 40 contact hours.

RAD 4291. Introduction to Quality Assurance. A study of the evaluation of radiographic systems to assure consistency in the production of quality images. The regulations governing quality assurance and the techniques, equipment and procedures for attaining it are discussed. The course includes the following number of contact hours: Theory - 16 contact hours.

RAD 4309. Clinical Education VI. This is a continuation of course RAD 4264. Clinical practice experiences and competencies are evaluated in this course. It is designed to allow the student to sequentially develop, apply, critically analyze,

integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. All clinical practice experiences are designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure: Clinical Laboratory – 440 Contact Hours.

THE HONORS COLLEGE

Dr. David Thomson, Director

Honors Faculty: Dr. Ahmad, Ms. Alexander, Dr. Atchley, Dr. Barron, Dr. Beggs, Dr. Durand, Dr. Evans, Dr. Jackson, Dr. McDaniel, Dr. D. Smith, Dr. Williamson, Dr. Worth

The Honors College is an integrated set of courses, seminars, colloquia, honors contracts, independent study projects, and other events designed to add unique dimensions and depth to the capable student's university experience within the context of the goals of the university mission. The college is supervised and evaluated by the Honors committee. The committee recommends admission and retention standards, plans the Honors Colloquium and Honors Seminar, and reviews proposals for departmental and school honors independent studies and honors contracts. The committee is responsible to the University Academic Council. A faculty member is named by the president to serve as Honors College Director and to chair the Honors Committee.

Objectives of the Honors College:

1. To identify students who have unusually high academic ability and interest as Henderson State University Honors College Scholars;
2. To provide these students with special advising while they are in the Honors College;
3. To involve the Honor Scholars with faculty members who are dedicated to the goals of honors scholarship and who provide challenging and rewarding opportunities for study and dialogue;
4. To offer a measure of recognition to students who participate in a minimum number of Honors courses, colloquia, seminars, honors contracts, and independent studies;
5. To encourage participating students and faculty to continue to excel in their scholarly and teaching vocations;
6. To contribute to the enrichment of the university's academic climate;
7. To enhance the ability of Henderson Honor Scholars to deal successfully with the challenges of their vocations and lives beyond the university.

Admission to the Honors College

Entering freshmen with a composite ACT score of 26 or higher are eligible to

apply for admission to the Honors College. Sophomore students with a cumulative grade point average of 3.25 or higher may petition the committee for admission to the college. Upper-class students may petition to take specific honors courses without being admitted to the college.

Requirements of the Honors College

A student should maintain a minimum cumulative grade point average of 3.25 while taking a minimum of 28 hours of course work each academic year. Students who complete 24 hours of "Honors" designated course work, achieve a minimum cumulative grade point average of 3.25, and satisfy all other requirements for graduation will receive their diplomas with the distinction of "Henderson State University Honors College Scholar."

During the freshman and sophomore years, students should take at least 12 of the following 18 hours of Liberal Arts Core honors courses:

- ENG 1803 Freshman English-Honors
- ENG 2793 Masters of Western Literature-Honors
- HIS 1043 World Civilization since 1660-Honors
- HUM 2093 Fine Arts-Honors
- PHI 2083 Introduction to Philosophy-Honors
- PSY 1073 General Psychology-Honors

During the junior and senior years, students are required to take at least 12 hours of "Honors" designated courses at the 3000 and 4000 levels. At least 6 of these hours must be satisfied by honors contract work in courses in the student's major field of study. Students usually satisfy the remaining 6-hour requirement by completing the following courses:

- HUM 3073 Honors Colloquium
- HUM 3083 Honors Seminar

However, students may consult with the honors director regarding options for completing these 6 hours of the upper-level requirement.

Honors College Courses:

ENG 1803. Freshman English-Honors. This general education course develops the ability to read literature with appreciation and critical acumen, and to write effective compositions characterized by correctness, clarity, coherence, completeness, economy, and specificity. Substitutes for ENG 1473, Freshman English B.

ENG 2793. Masters of Western Literature-Honors. A general education course designed to provide the student with the opportunity to read, analyze, evaluate, discuss, and come to appreciate representative works by such masters of Western literature as Homer, Sophocles, Virgil, Dante, Chaucer, Montaigne, Cervantes, Shakespeare, Milton, Voltaire, Swift, Goethe, Wordsworth, Keats,

Emerson, Whitman, Tennyson, Dostoevsky, Ibsen, Joyce, O'Neill, and Faulkner. Group and individual projects will augment the curriculum. Prerequisites: ENG 1463, ENG 1473 (or equivalent preparation) with a "C" or better, and honors standing. Counts toward the English major and minor.

HIS 1043. World Civilization Since 1660 □ **Honors.** A survey of civilization focusing on the evolution of ideas, politics, and society in civilization since 1660. Enrollment limited to honors students.

HUM 2093. Fine Arts □ **Honors.** An interdisciplinary general education honors course examining the concurrent historical and theoretical developments in the arts, music, and theatre.

HUM 3073. Honors Colloquium. An interdisciplinary course designed to focus on crucial current issues which can be addressed from a variety of academic disciplines. Will count toward satisfying the 24-hour "Honors" course requirement, but will not satisfy general education or major or minor requirements. May be repeated with change of topic for a maximum of 6 hours credit.

HUM 3083. Honors Seminar. An interdisciplinary study of a topic or issue which can be examined from the perspectives of the disciplines in arts, sciences, business, and education. It may be accepted as an elective in meeting major or minor requirements with the approval of the appropriate department chair and dean. May be repeated with change of topic for a maximum of 6 hours credit.

HUM 4061 □ **3. Independent Study** □ **Honors.** An opportunity for students who wish to pursue an independent study project with "Honors" designation. The project must be approved by the Honors Committee and the appropriate chair and dean. A maximum of six hours may be applied to a degree.

PHI 2083. Introduction to Philosophy □ **Honors.** An exploration of some fundamental problems of human life and its meaning. Critical thinking about the nature of human knowledge and belief, the character of ultimate reality, and the status of values and the shape of moral life will be stressed. Enrollment limited to honors students.

PSY 1073. General Psychology-Honors. This course is an experimentally based and writing-intensive introduction to the science of behavior, examining overt actions and covert mental processes, addressing all aspects of life including biological, cognitive, developmental, ethical, social, and spiritual dimensions. Weekly seminar readings and discussions explore psychological scholars such as Freud, James, Köhler, Lewin, Münsterberg, Skinner, and Watson. Students may choose to lead seminar sessions of all stripes examining other historical figures and topics inherent to the discipline of psychology.

HUM 4061-3. Independent Study-Honors. An opportunity for students who wish to pursue an independent study project with "Honors" designation. The project must be approved by the Honors Committee and the appropriate chair and dean. A maximum of six hours may be applied to a degree.

PHI 2083. Introduction to Philosophy-Honors. An exploration of some fundamental problems of human life and its meaning. Critical thinking about the nature of human knowledge and belief, the character of ultimate reality, and the status of values and the shape of moral life will be stressed. Enrollment limited to

honors students.

*Each student should consult with his/her advisor concerning specific departmental honors requirements established for each academic major.

**MATT LOCKE ELLIS COLLEGE
OF ARTS AND SCIENCES**

Dr. Maralyn Sommer, Dean
Dr. John Hardee, Associate Dean

The Matt Locke Ellis College of Arts and Sciences was named after Henderson's 10th president and one of its most distinguished graduates.

The mission of the Ellis College is to offer a superior academic program based on a comprehensive core of courses in the arts and sciences. The full integration of this liberal education component into the four-year undergraduate curriculum is designed to enable all Henderson students to do the following: think logically and critically; communicate effectively; appreciate the diversity of all cultures; understand the physical universe; participate in society as concerned, intelligent citizens; and appreciate appropriate uses of technology. This core of courses provides the foundation for all majors within the Ellis College of Arts and Sciences as well as the School of Business and Teachers College, Henderson.

The challenge accepted by the faculty is to help Henderson students build a bridge to the future based firmly on a knowledge and appreciation of the arts, sciences, languages, literature, philosophy, history and culture. A strong liberal education is now recognized as essential preparation for all leaders of the future. The university and the Ellis College are dedicated to a strong general education core and to excellence in the teaching of the liberal arts.

The dedicated professional faculty welcomes students into the Ellis College for an opportunity to work together as a community of scholars and learners to promote critical and creative thinking, effective written and spoken communication, and creative activity in the arts and sciences.

A. B. SCHOLARS PROGRAM

The Ellis College A. B. Scholars Program is designed to provide the exceptional student with opportunities to participate in an integrated and in-depth study in the liberal arts. Courses in the program are designed to maximize subject integration and interaction and provide unique experiences in the liberal arts disciplines. The program will be coordinated with the Honors College. Faculty for the program are selected from the Ellis College faculty.

Students in the program must complete the requirements for the Bachelor of Arts degree and major requirements for a discipline in the Ellis College. A minor in liberal arts is required.

Degree Requirements	Hours
Liberal Arts Core Courses.....	45
Major for a B.A. degree	30+
Liberal Arts Minor	18
Foreign Language	<u>6-12</u>

Electives for a total of 124 hours 120

Liberal Arts Core Minor Requirements*	Hours
Freshman English	6
Civilization	6
Humanities: Art/Music/Theatre	6
World Literature.....	6
American National Government	3
U. S. History	6
Philosophy	6
Natural Sciences.....	11
College Algebra or above.....	3
Oral Communication.....	3
Physical Education.....	2
One academic discipline approved by advisor	6

*Three hours must be at the junior/senior level.

Candidates for the B.A. degree who are not in the A. B. Scholars Program may earn a liberal arts minor by completing the general education and minor requirements described above.

ART

Ms. Katherine Strause, Associate Professor, Chair, Mr. Calvert, Associate Professor, Ms Duvall, Assistant Professor, Dr. Gerhold, Assistant Professor, Ms. Searles, Assistant Professor, Mr. Stoddard, Professor, Dr. Warren, Associate Professor

The Department of Art promotes sensitivity, self awareness, and personal growth through participation in creative work; it provides a sound art education program for those who wish to teach; it develops high levels of competency in students who seek careers as independent artists, craftsmen, or digital and graphic designers; it enlarges the students' understanding of their cultural heritage; and it furnishes both the traditional degree seeking student and the amateur with experiences that enable them to become intelligent and discriminating, lifelong appreciators of art.

Portfolio Review for Transfer Students

A transfer student intending to enroll in an art degree program is required to present for evaluation by the art staff examples of work produced in art courses completed at the institution(s) previously attended. Should significant deficiencies be identified, the student will be required to enroll in the course or courses appropriate for strengthening perceived weaknesses.

**Bachelor of Science in Education Degree
Art Component (49 hours)**

Studio Courses (40 hours):		Hours
ART 1022	Public School Art.....	2
ART 1043	Design I.....	3

ART 1053	Design II	3
ART 1063	Ceramics I	3
ART 1793	Digital Skills	3
ART 1073	Drawing I	3
ART 2733	3-Dimensional Design	3
ART 2083	Drawing II	3
ART 2273	Painting I	3
ART 4223	Sculpture I	3
ART 4912	Senior Exhibition I	2
ART 3XXX or 4XXX	UPPER LEVEL ELECTIVE	3

PICK ONE FROM THE FOLLOWING:

ART 2243	Printmaking 1 or	3
ART 2373	Introduction to Screenprinting	3

PICK ONE FROM THE FOLLOWING:

ART 4213	Printmaking II or	3
ART 3123	Painting II or	3
ART 3113	Ceramics II	3

Art History (9 hours):

ART 3143	History of Art to Renaissance	3
ART 4703	History of Western Art-Renaissance to Present	3
Pick one from the following:		
ART 4103	Art of the Non-Western World	3
ART 4293	Contemporary Art	3
ART 4783	History of Photography	3

Education Component (17 hours):

**2.5 GPA + passing Praxis Core Exam for Teacher Ed admission.
Application to TCH required at end of Sophomore Year.
Education Modules should be taken in their designated sequence.**

Principles of Learning and Teaching Module I

EDU 2000L	Educator Preparation Orientation	0
EDU 2423	Introduction to Education	3
EDU 2043	Educational Technology	3

Principles of Learning and Teaching Module II

SPE 3013	Psychology of the Exceptional Child	3
EDU 3123	Educational Psychology or	3
EDU 4XX3	Classroom Management (7-12)	3

Principles of Learning and Teaching Module III

ART 4662	Special Methods: Art Elementary	2
ART 4873	Special Methods: Art Secondary	3

*** Art Majors seeking teacher licensure are strongly encouraged to take the Classroom Management course.**

Internship Semester: (12 hours)

EDU 4256	Clinical Internship	6
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EDU 4216 Art Internship6

Education Assessment Requirements:

PRAXIS CORE EXAM:

Reading 156
 Writing 162
 Math 150

PRAXIS II:

ART: Content and Analysis 161

PLT EXAM P-12:

PLT Early Childhood 157 **or**
 PLT 5-9 160 **or**
 PLT 7-12 157

**Bachelor of Fine Arts/Digital Art and Design (Graphic Design) Degree
 Art Courses (78 hours):**

Hours

ART 1793	Digital Skills	3
ART 1043	Design I	3
ART 1053	Design II	3
ART 1073	Drawing I	3
ART 2083	Drawing II	3
ART 2273	Painting I	3
ART 2243	Printmaking I or	3
ART 2373	Intro to Screenprinting or	3
ART 4213	Printmaking II	3
ART 2383	Photo I	3
ART 2733	3-Dimensional Design	3
ART 1063	Ceramics I or	3
ART 4223	Sculpture I	3
ART 2613	The Digital Image	3
ART 3363	Concept and Layout	3
ART 3463	The Digital Page	3
ART 3803	Interactive Design	3
ART 4413	Design and Production	3
ART 4403	Illustration & Design or	3
ART 4263	Illustration for Publication	3

9 Hr. Art History from:

ART 4103	Art of the Non-Western World.....	3
ART 3143	History of Art to the Renaissance	3
ART 4703	History of Western Art-Renaissance to Present ...	3
ART 4293	Contemporary Art	3
ART 4783	History of Photography	3

6 Hr. Upper Level Art Elective (one must be a media graphic course)

ART 4823	Motion Graphics or	3
ART 4833	3-D Modeling or	3
ART 4813	Digital Media Seminar or	3
ART 3443	Photo II or	3

ART 4393	Life Drawing or.....	3
ART 4583	Advanced Studio Media and Design.....	3
	May be repeated for up to 6 credit hours	
	Or other 4000 level advanced studio on the advice of your advisor	

Art Seminar and Senior Exit Courses:

ART 2921	Art Seminar (repeated twice during sophomore year)....	2
ART 3921	Art Seminar repeated twice during junior year.....	2
ART 4912	Senior Exhibition.....	2
ART 4436	Field Experience.....	6
ART 4583	Advanced Studio Media and Design.....	3

**For the Bachelor of Fine Arts - Studio Art Degree
Art Courses (78 hours):**

Hours

ART 1793	Digital Skills.....	3
ART 1043	Design I.....	3
ART 1053	Design II.....	3
ART 1073	Drawing I.....	3
ART 2083	Drawing II.....	3
ART 2733	3-Dimensional Design.....	3
ART 2273	Painting 1.....	3
ART 2243	Printmaking I or.....	3
ART 2373	Introduction to Screenprinting or.....	3
ART 4213	Printmaking II.....	3
ART 2383	Photography I.....	3
ART 4393	Life Drawing.....	3
ART 1063	Ceramics I.....	3
ART 4223	Sculpture I.....	3

Pick 3 hours from the following 2D:

ART 3123	Painting II.....	3
ART 2373	Screen-printing or.....	3
ART 4213	Printmaking II.....	3
ART 3443	Photography II.....	3

Pick 3 hours from the following 3D:

ART 3113	Ceramics II.....	3
ART 4253	Sculpture II.....	3

Art History (15 hours):

ART 4103	Non-Western Art History.....	3
ART 3143	History of Art to Renaissance.....	3
ART 4703	History of Western Art-Renaissance to Present...3	3
ART 4293	Contemporary Art.....	3
ART 4783	History of Photography.....	3
ART 4723	Independent Study Art History*.....	3
	*Requires permissions of the instructor and completion of 9 hours Art History previously	

Electives (15 hours):

ART 4343	Art Apprenticeship.....	3
	Or other 4000 level advanced studio on the advice of your advisor	

Art Seminar and Senior Exhibition (6 hours):

ART	2921	Art Seminar repeated twice during sophomore year ...	2
ART	3921	Art Seminar repeated twice during junior year	2
ART	4912	Senior Exhibition	2

Elective Semester:

An additional elective semester can be taken and is designed to give students an opportunity to do advanced project work in media design. It is possible to acquire these hours within the four years with summer school. Planning for these hours should begin in the junior year if possible.

The Art Department requires the following Assessment components:

First Departmental Review:

Occurs during the fall of freshman year. (Includes transfer students and those with 2 semesters or less in the art department). Group Review/Evaluation/Discussion by art faculty and students.

Second Departmental Review:

Occurs during the spring of the sophomore year. (3 + SEMESTERS of ART classes). Group student review of 10 works + Sketchbook by art faculty.

Third Departmental Review:

Occurs one year prior to ART 4912 Senior Exhibition for BSE ART Majors and one year prior to graduation for BFA Digital and Studio Total of 5 + semesters of art classes. Individual student review in preparation for senior experience & exhibition of 15 works (minimum) by art faculty to verify strength and direction of student progress.

Senior Exhibition

A senior exhibition is a requirement for all undergraduate degrees. Ordinarily, in the last semester, each student will exhibit a selection of his/her artwork as approved by a committee of three full time faculty members.

For B.S.E. Majors:

Prior to his/her final semester, the student must arrange for the senior exhibition director and art education advisor to review work intended for the senior exhibition. Reviewers will evaluate, identify any deficiencies, and advise the student. Work not reviewed may not be included in the senior exhibition. The exhibit may be in any medium or combination of media. The university may exercise the right to retain one work from the exhibit.

For B.F.A. Majors:

In the Senior Exhibition course (ART 4912), will assemble a body of work as the culmination of his or her undergraduate art experience. This selection of work will be a major part of the student's professional portfolio; will be exhibited as a course requirement in ART 4912. A set of photographic slides (20 slides images) or a CD rom (20 images at 300 dpi and 4 "on the smallest slide) will record the exhibit and will be retained by the art department. The university may exercise the right to retain one work from the exhibit as a part of the department's permanent collection.

Requirements for Minor in Art:

Eighteen (18) hours are required with the following suggestions according to emphasis interest. (We also suggest the Humanities general education choice be ART 2033 Art: Humanities).

Studio Arts Minor (18 hours):

2D:

ART	1073	Drawing I.....	3
ART	2083	Drawing II	3
ART	1043	Design I	3
ART	1053	Design II	3

6 hours may be selected from:

ART	2383	Photo I	3
ART	2273	Painting I	3
ART	2243	Print I, 4213 Print II or 2373 Screenprinting	3
ART	4393	Life Drawing or other advanced drawing/illustration..	3

3D:

ART	1073	Drawing I.....	3
ART	1043	Design I	3
ART	2733	3D Design.....	3
ART	1063	Ceramics I	3
		or	
ART	4223	Sculpture I	3

6 hours may be selected from:

ART 3113	Ceramics II	3
ART 4253	Sculpture II	3

Or Advanced Studio, Ceramics or Sculpture by permission of the instructor.

Art History Minor (18 hours):

15 hours required:

ART 2033	Humanities, Art	3
ART 4103	Art of the Non-Western World	3
ART 3143	History of Art to the Renaissance	3
ART 4703	History of Art/Renaissance to Present	3
ART 4293	Contemporary Art	3

3 hours may be selected from:

ART 4783	History of Photography	3
ART 4723	Special Studies in Art History	3

Minor students must have permission of the instructor to take this course.

Photography Minor (18 hours):

12 hours required:

ART 2383	Photo I	3
ART 3443	Photo II	3
ART 4783	History of Photography	3
ART 4563	Special Problems Photography	3

6 hours may be selected from:

ART 4763	Photographic Lighting Techniques	3
ART 4773	Alternative Photo Printing Techniques	3
ART 4563	Special Problems Photography	3

Minor students must have permission of the instructor to take this course.

Digital Art and Design Minor (24 hours):

15 hours required:

ART 1043	Design I	3
ART 1053	Design II	3
ART 1793	Digital Skills for Artists	3
ART 3613	The Digital Image	3
ART 3463	The Digital Page	3

9 hours may be selected from:

ART 3363	Concepts and Layout	3
ART 4413	Design and Production	3
	**prerequisite: ART 3363	
ART 3803	Interactive Design	3
ART 4823	Motion Graphics	3
	**prerequisite: ART 3803	
ART 4833	3D Computer Modeling	3
	**prerequisite: ART 3803	
ART 4263	Illustration for Publication	3

Minor students must have permission of the instructor to take this course.

Courses in Art

ART 1022. Public School Art. Development and implementation of art curriculum for the elementary grades. Experience with appropriate art materials.

ART 1043. Design I. Fundamentals used in the production of two-dimensional art including design theory, materials, tools, compositional theory, and vocabulary.

ART 1053. Design II. A continuation of the study of design including color theory. Prerequisite: ART1043.

ART 1063. Ceramics I. Introduction to creative work in ceramics utilizing beginning wheel and hand building techniques.

ART 1073. Drawing I. An introductory course in drawing techniques and media.

ART 1793. Digital Skills for Artists. A foundation level course taken by all majors seeking the BFA degree or a BSE degree in art. Students learn the use of digital tools to accomplish tasks such as scanning images, storing files, working on a network, creating vector graphic and bitmap graphic images, and effective use of the internet for research, and social networking, etc. This course is designed for students with all levels of computer experience. Design projects are used to teach the concepts and digital tools available to artists.

ART 2033. Humanities: Art. An Art Appreciation course including slides and lecture.

ART 2083. Drawing II. A continuation of the study of drawing with more advanced projects and media experiences, including on-site drawing and drawing in a series. Prerequisite: ART 1043, 1073.

ART 2243. Printmaking I. An introduction to intaglio, relief, and planographic printmaking techniques. Prerequisites: ART 1043, 1053, 1073 or permission of instructor.

ART 2273. Painting I. An introduction to painting. Prerequisites: ART 1043, 1053, 1073 or permission of instructor.

ART 2353. Technical Skills for the Designer. An introduction to tools, materials and procedures basic to structured design and illustration as employed by the artist and designer.

ART 2373. Introduction to Screen-printing. Basic screen-printing techniques. Prerequisites: ART 1043, 1053, 1073 or permission of instructor.

ART 2383. Photography I. Explanation of the camera and how to use it properly; basic film development and printing techniques; introduction to the aesthetics of photography.

ART 2603. Humanities: Art Studio. A course primarily designed for family and consumer sciences and non-art majors incorporating art appreciation and studio

art activities.

ART 2733. Three-Dimensional Design. An introduction to principles basic to the production of three-dimensional art. Prerequisites: ART 1043, 1053

ART 2921, 3921. Art Seminar. (Art Majors only) Designed to build student's professional skills, offering students the opportunity to meet professional artists and see their work, students will experience new techniques and ideas and be given instruction in the following methods: building professional level portfolios both in hard copy and for the web; photographing and labeling artwork; interviewing for internships and professional positions; writing resumes and artists statements; mounting, framing and professionally presenting works of art and design. This course is also the setting for sophomore and Junior Reviews. May be repeated for credit.

ART 4103. (WI) Art of the Non-Western World. Survey of non-Western cultures and their art. Such cultures as Africa, Oceania, Islam, India, China and Japan will be examined through their visual arts.

ART 3113. Ceramics II. Continuing projects using wheel and/or building techniques and glaze formulations. Prerequisite: ART 1063.

ART 3123. Painting II. More advanced painting projects. Prerequisite: ART 2273.

ART 3143. (WI) History of Art to the Renaissance. Survey of the important developments in art from prehistoric times to 1400.

ART 4283, 5283. Kiln Construction. The construction of kilns for both low and high fire ceramic ware.

ART 3363. Concept and Layout. This course builds on the knowledge gained in Digital Publishing. Students begin focusing on the art of page design and idea development. Important techniques in this course are designing with type, idea development, thumb nailing, and concept construction. Concepts taught in the course include effective visual communication, creative thinking, and finding and creating references. Projects involve exercises such as logo and poster design. Prerequisites: ART 1793, 3463, 3613.

ART 3443. Photography II. A continuation of Photography I in which students explore advanced photographic and darkroom techniques. Prerequisite: ART 2383.

ART 3463. The Digital Page. This course gives students the knowledge they need to begin producing print and web and media-based graphic design. The tools and skills for using typography, grid systems, and other elements, and principles of pages design are the focus of this course. An intermediate skill level using Adobe Illustrator and Photoshop is required. Prerequisite: ART 1043, ART 1053, ART 1793, ART 3613 and ART 2353.

ART 3613. The Digital Image. Students master digital imaging and image making techniques in this project driven course. This course includes an introduction to the concepts needed for print illustration, 3D modeling, interactive design, and motion graphics. Methods taught in this course allow artists and designers to

explore the blending of several mediums simultaneously. Prerequisites: ART 1043, and 1793. Students may be admitted by permission of the instructor. Photo I is helpful.

ART 3653. Independent Study-Honors. Independent study in specialized area determined by instructor and student. Limited to honors student qualified by appropriate grade point average.

ART 4743, 5743. Papermaking Studio. Explores the art and process of contemporary and traditional forms of handmade papermaking. Related subjects such as plants for papermaking, bookmaking, watermarking, marbling, dying, pulp painting and pulp casting will be explored as well. Issues such as the chemistry of paper, the impact of paper on the environment, archival qualities of paper and the history of paper will be examined. Both western and non-western process will be used. The graduate level will require a research project and paper on a related topic.

ART 3803. Interactive Design. Building on the experience gained in Concept and Layout, and the Digital Page, each student produces a computer-based, interactive project. Tools such as Macromedia's Flash are used to teach students the concepts of scripting and animation for web or CD-based interactive design. Principles taught in this course include interface and navigation design, animation, and digital sound production. Prerequisites: ART 3463, 3363, 3613.

ART 4093. Experimental and Contemporary Media.

ART 4153. Book Arts. Course is designed to provide students an in depth experience in book arts, and specifically in the Artist's book (those that combine structure or technique, format, visual images and presentation). Students will be introduced to a variety of book form techniques and concepts.

ART 4171. Exhibition Techniques. Problems concerning the planning, preparation, and display of visual art exhibits. Art majors only.

ART 4183. Advanced Studio-Ceramics. Advanced projects. May be repeated for credit.

ART 4213. Printmaking II. A continuation of ART 2243 in which the student may extend his/her experiences by concentrating attention in any area or areas of printmaking. Prerequisite: ART 2243 or ART 2373 if screen-printing is the concentration area.

ART 4223. Sculpture I. Sculpture in various media such wood, metal, clay, and stone. Prerequisites: ART 1063, 2733.

ART 4233, 5233. (WI) History of Art. Evolution of the art of the U.S. from colonial times to the present with emphasis on painting, sculpture, and architecture. Influence of our European heritage and the distinctly American environment; physical, social, and philosophical. Slides, movies, lectures, and discussions.

ART 4253. Sculpture II. A continuation of Sculpture I in which students explore more advanced techniques such as welding and fabrication of metals.

ART 4263. Illustration for Publication. A study of illustration for such mar-

kets as children's picture books, novels, short stories, magazines, etc.

ART 4293, 5293. (WI) Contemporary Art. A seminar with an "in-depth" study of the trends in contemporary art.

ART 4303. Advanced Studio-Sculpture. Advanced projects. May be repeated for credit. Requires permission of instructor.

ART 4313. Advanced Studio-Drawing. Advanced projects. May be repeated for credit. Requires permission of instructor.

ART 4323. Advanced Studio-Painting. Advanced projects. May be repeated for credit. Requires permission of instructor.

ART 4333. Advanced Studio-Printmaking. Advanced projects. May be repeated for credit. Requires permission of instructor.

ART 4343. Art Apprenticeship. Pre-arranged and supervised on the job experience for the art studio major. An apprenticeship in a museum, studio, gallery, or other art related establishment.

ART 4393. Life Drawing. Drawing from the model, students refine visual skills and techniques.

ART 4403. Illustration and Design. A study of illustration as used in visual communication. Work in various techniques with emphasis on concept development.

ART 4413. Design and Production. Students learn the production process through the use of print design projects with actual clients. Issues involved in the process include everything from client communication to project management. Projects are designed to build each student's portfolio and experience. Prerequisite: ART 3463, 3363.

ART 4436. Field Experience. The student will work for a graphics oriented business as an intern. Prerequisites: ART 4413, 4583, all liberal arts coursework, and a 2.75 grade point average in required art courses.

ART 4563. Advanced Studio-Photography. Advanced projects. May be repeated for credit. Requires permission of instructor.

ART 4583. Advanced Studio-Media and Design. This course is designed to be as flexible as possible to meet the needs of students in advanced stages of the Digital Art and Design BFA degree program. Students work with projects developed by a faculty advisor or a project proposed by the student themselves (this is the choice of the advisor). The emphasis is on advanced print or media design projects. Prerequisites: ART 4413, 3363 and 3803 or the permission of the instructor.

ART 4633. Advanced Studio-Life Drawing. Advanced study of life drawing techniques. May be repeated for credit.: ART 1073, 2083, 4393. Requires permission of instructor.

ART 4662. Special Methods: Art Elementary.10 hours of field experience. Special instructional methods in the teaching of elementary art (pk-5). Students are required to observe two art classrooms during the semester. Each student will re-

port to the main office of the school during the day of the observation. Students will be escorted to the teacher room. After the completion of the observation, students are required to fill out the required field observation form and turn one copy in to the Instructor and one copy in to The Office of Admissions/Clinical Experiences in the Teachers College.

ART 4703. (WI) History of Western Art - Renaissance to Present. Evolution of art in the Western World from 1400 to Modern Day.

ART 4723. Independent Study-Art History. Independent study in specialized area of art history determined by instructor and student. Requires permission of instructor.

ART 4763, 5763. Photographic Lighting Techniques. Advanced theory, technique, and equipment used by professional photographers for black and white and color; emphasis on aesthetic application in actual practice. Prerequisites: ART 2383, 3443 or permission of instructor. Rotates every 3rd semester.

ART 4773, 5773. Alternative Photographic Printing Techniques and Processes. Manipulation and extension of boundaries of traditional photography using solarization, appropriation, montage, toning, bleaching and alternative emulsions. Prerequisites: ART2383, 3443 or permission of instructor.

ART 4783, 5783. (WI) History of Photography. A survey of the important developments in photography since 1839. This course examines photographic representation and image-makers as well as the larger cultural implications of images in the media and popular culture. Slide presentations and discussions of major photographers. Rotates every 3rd semester.

ART 4813. Digital Media Seminar. Using advance tools and techniques, students produce a digital media-based opus. This course is designed to offer creative flexibility to advanced students interested in augmenting their portfolio with an advanced digital-based work. Prerequisites: ART 4583, 3803.

ART 4823. Motion Graphics. This course gives students the opportunity to explore nonlinear digital video editing and other motion-based special effects techniques. Student's work on projects tailored to their own artistic ideas. Prerequisite: ART 3803.

ART 4833. 3D Computer Modeling. This course builds on ideas and techniques gained in Digital Imaging and Interactive Design. Students are introduced to modeling tools on the computer. Through professional-level programs such as Light wave and Amapi 3D, students learn about modeling, texturing, lighting, and camera work in virtual space. Prerequisite: ART 3803.

ART 4863. Senior Seminar. An investigation of art career and graduate school opportunities through research and site visits. Areas covered include portfolio presentation, interviewing, resumes, and graduate school application. Art majors only.

ART 4873. Special Methods: Art Secondary. 10 hours of field experience. Special instructional methods in the teaching of secondary art (7-12). Students are required to observe two art classrooms during the semester. Each student will report to the main office of the school during the day of the observation. Students will be escorted to the teacher room. After the completion of the observation, stu-

dents are required to fill out the required field observation form and turn one copy in to the Instructor and one copy in to The Office of Admissions/Clinical Experiences in the Teachers College.

ART 4912. Senior Exhibition. Senior art major will assemble a representative body of work and present an exhibition as the culmination of the undergraduate experience.

BIOLOGY

Dr. James Engman, Chair; Ms. Benjamin, Dr. Bray, Ms. Crane, Dr. Finley, Dr. Fuller, Ms. Hernandez-Smith, Mr. Leible, Dr. Serviss, Ms. Smith, Dr. Tumilson

The Department of Biology offers courses designated to meet the needs of students preparing for professional careers in industry, government, and education; and to provide a strong foundation for students preparing for graduate work. Courses that develop an understanding and appreciation of the living world as a part of a liberal education are provided for all students. Appropriate courses are also offered to meet requirements for pre-professional work in pre-medical, pre-dental, pre-pharmacy, pre-physical therapy, pre-veterinary, and other paramedical areas.

Major Requirements for the Bachelor of Science Degree

Highly Recommended Courses:

BIO 1013	Introduction to Biology
CHM 1034	General Chemistry for Non-Majors
CHM 1044	General Organic and Biochemistry

Required Courses:

BIO 2104	General Botany
BIO 2114	General Zoology
BIO 3054	Genetics
BIO 3094	Microbiology
BIO 3524	General Ecology
BIO 4214	Cell Biology

Choose one of the following:

BIO 3304	Plant Physiology
BIO 3314	Animal Physiology

Choose one of the following:

BIO 3084	Comparative Anatomy and Evolution of Vertebrates
BIO 3244	Comparative Morphology and Evolution of Plants

A minimum of two additional upper-level courses in biology must be selected. These may be from the courses listed above or others listed in the Henderson catalog. Two semesters of Human Anatomy and Physiology will satisfy one of these requirements. BIO 4251, BIO 4373, and BIO 4823 may not be used for this requirement.

Total hours required for a major in biology:38-40

Additional requirements:

CHM 1014, 1024	University Chemistry
CHM 3063, 3073	Organic Chemistry I and II
CHM 3051, 3131	Organic Chemistry I and II Lab
MTH 1243, 1253	College Algebra and Plane Trigonometry, or equivalent/more advanced courses, with approval.
PHY 2034, 2044	General Physics I and II

Students must have a “C” grade or better in all courses in the major field and also in the courses listed as “additional requirements.”

The biology department highly recommends that students achieve competence in the use of computers for word processing, graph and spreadsheet construction, and PowerPoint presentations before enrolling in upper-level courses. Students should consider enrolling in Introduction to Computers (CSC 2003) if their background in computer use is weak.

Transfer Credits:

Transfer students must successfully complete three upper-level biology courses at Henderson before biology courses taken elsewhere will be considered for transfer to their degree program here. A science course taken elsewhere as freshman/sophomore class but offered at Henderson as junior/senior class may be applied to the degree, upon substitution of a junior/senior class agreed upon by the department and the student. Students already enrolled in the program should consult with the department prior to enrolling in science courses at other institutions.

Registration Policy:

Priority registration for major’s courses will be reserved for students enrolling in those courses for the first time. Biology majors wishing to repeat a course in biology must wait until the end of priority registration to enroll in that class. This includes courses that were completed and courses in which the student withdrew or was dropped. Students with extenuating circumstances may petition the department for waiver of this requirement.

Standardized Examination:

In their final semester, students are required to take a standardized examination.

Articulation agreement with Logan College of Chiropractic (3+3 Program)

Henderson State University and Logan College of Chiropractic (LCC) have established an articulation agreement that provides qualified students with the opportunity to earn a B.S. in Biology and a Doctorate of Chiropractic in six years, one year less than the normal time. Students will matriculate at HSU for a minimum of 96 semester hours, during which they will fulfill the Liberal Arts Core, 7 specified biology courses, and an additional 27 hours in specified chemistry, physics and math courses. No more than 20 credits of required courses, and *none* of the science credits may be earned via examination or transfer from another school. Logan has agreed to admit as first year doctorate of chiropractic students all Henderson students who complete this program with a cumulative GPA of 3.25 or higher. Students with a cumulative GPA of at least 2.5 but less than 3.25 will receive appropriate consideration in the admission process, but will not receive the assurance of admission. Upon completion of the first year of studies at LCC, credits may be

transferred toward the completion of the B.S. in Biology degree at HSU. Students interested in this program are encouraged to consult with the chair of the biology department for a complete set of provisions.

Requirements for a Minor in Biology

Required Courses:

BIO	2104	General Botany
BIO	2114	General Zoology

In addition to the two courses above, students choose any three of the following courses to complete a minor in biology:

BIO	3054	Genetics
BIO	3544, 3554	Human Anatomy and Physiology I and II (Together count as <u>one</u> class)
BIO	3084	Comparative Anatomy and Evolution of Vertebrates
BIO	3244	Comparative Morphology and Evolution of Plants
BIO	3094	Microbiology
BIO	3524	General Ecology
BIO	4214	Cell Biology
		Total hours required for a minor in Biology .....20

Courses in Biology

BIO 1013 (BIOL1004). Introduction to Biology. A general education course. A study of basic biological concepts and principles. Offered as separate non-majors and majors sections. The department recommends that non-science majors avoid taking this class during their freshman year.

BIO 1021 (BIOL1004). Introduction to Biology Laboratory. Experiments are performed to demonstrate the principles covered in BIO 1013. Two hours per week. Prerequisite or corequisite: BIO 1013.

BIO 2104. (BIOL1034) General Botany. The study of biological principles and concepts applied to plants. Three hours of lecture and three hours of laboratory per week.

BIO 2114 (BIOL1054). General Zoology. The study of animal relationships, with emphasis on principles, anatomy and ecology. Three (3) hours lecture and three (3) hours laboratory per week.

BIO 2174. Human Anatomy and Physiology I, (non-majors). A study of the structures and functions of human body systems. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisite: BIO 2114 or BIO 1013 and BIO 1021.

BIO 2184. Human Anatomy and Physiology II, (non-majors). A continuation of BIO 2174. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisite: BIO 2114 or BIO 1013 and BIO 1021. BIO 2174 recommended.

BIO 2283. Environmental Science. A study of how ecosystems function in terms of nutrient cycles, energy flow, and population dynamics, with considerations of imbalances in various areas of human concern such as

agriculture, resource utilization, waste disposal, energy sources, and the human population.

BIO 3054. (WI) Genetics. A study of transmission genetics followed by molecular genetics. Three (3) hours lecture and (3) three hours laboratory per week. Prerequisite: BIO 2104 or 2114.

BIO 3084. Comparative Anatomy and Evolution of Vertebrates. Traces the evolutionary history of vertebrate animals through a comparative analysis of chordate anatomy with emphasis on the ten organ systems. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisite: BIO 2114.

BIO 3094. (WI) Microbiology. A comprehensive study of microorganisms with emphasis on conceptual and applied microbiology. Three (3) hours lecture and (3) three hours laboratory per week. Prerequisites: 4 hours of biology and 4 hours of chemistry. Biology majors must complete either BIO 2104 or 2114 prior to enrolling in this course.

BIO 3244. (WI) Comparative Morphology and Evolution of Plants. Traces the evolutionary history of the plant kingdom through a comparative study of the structure and life cycles of representatives of the major groups of plants. Three (3) hours lecture and (3) three hours laboratory per week. Prerequisite: BIO 2104.

BIO 3294. Plant Taxonomy. A study of basic principles and concepts of plant identification, classification and nomenclature. Laboratory and field emphasis on the description and identification of representatives of major families of vascular plants. Prerequisite: BIO 2104.

BIO 3304. (WI) Plant Physiology. A study of plant processes including photosynthesis, carbohydrate metabolism, translocation, mineral nutrition, plant growth hormones, water relationships, and growth and development. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisites: BIO 2104; CHM 1014 and 1024.

BIO 3314. Animal Physiology. A study of the functions of animal systems with emphasis on the human. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisites: BIO 2114 and BIO 3544 or BIO 3084; CHM 1014, 1024.

BIO 3403. (WI) Herpetology. A comprehensive study of reptiles and amphibians with emphasis on specimens collected and studied in the field. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 2114.

BIO 3493. Biogeography. An in-depth study and evaluation of the factors affecting the geographic distribution of life on earth. Primary emphasis will be placed on climatic, geologic, and human influence. Dispersal mechanisms, speciation, biodiversity, and evolutionary history will also be investigated. Prerequisite: BIO 2104 and BIO 2114.

BIO 3524. (WI) General Ecology. A study of principles of ecosystem structure and dynamics including energy flow, biogeochemical cycling, community composition and succession, and the distribution and abundance of populations. Includes laboratory and field experiences with ecological problems. Two Saturday field trips required. Prerequisites: BIO 2104 and 2114.

BIO 3544. Human Anatomy and Physiology I (Majors). A study of the structures and functions of human body systems. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisite: BIO 2114 or BIO 1013 and BIO 1021.

BIO 3554. Human Anatomy and Physiology II (Majors). A continuation of BIO 3544. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisite: BIO 2114 or BIO 1013 and BIO 1021. BIO 3544 recommended.

BIO 4044. (WI) Neotropical Ecology. This course introduces students to the history, ecology, and evolution of ecosystems of the New World tropics, with emphasis on the Isthmus of Panama. Includes a strenuous and challenging three-week field component in Panama, with fieldwork in the Caribbean Sea, the Pacific Ocean, rainforest sites near the Panama Canal and a cloud forest site in the Darien Province. Prerequisites: BIO 2104 and BIO 2114, ability to swim, ride horses, and consent of the instructor. This course satisfies the liberal arts core physical education activity requirement and the non-western culture requirement.

BIO 4073. Dendrology. A study of woody plants of the local flora with emphasis on field identification, classification, and economic importance. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 2104.

BIO 4163. (WI) Entomology. A study of morphology, taxonomy, and metamorphosis of insects and related arthropods. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 2114.

BIO 4194. Animal Histology. The study of the microscopic anatomy and function of animal tissues with emphasis on the human. Three (3) hours lecture and (3) three hours laboratory per week. Prerequisites: BIO 2114, CHM 1014, 1024, and either BIO 3544, 3084, or 3314.

BIO 4203. (WI) Aquatic Ecology. A study of the structure and function of freshwater ecosystems, with emphasis on the dynamics of their physical, chemical and biological components. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisites: BIO 2114, CHM 1014 and 1024.

BIO 4214. (WI) Cell Biology. The molecular biology of the cell with emphasis on structure-function relationships. Three (3) hours lecture and three (3) hours laboratory per week. Prerequisites: eight hours of biology and CHM 1014, 1024, or consent of the instructor.

BIO 4223. (WI) Ichthyology. A comprehensive study of freshwater fishes and their food with emphasis on taxonomy, ecology and management. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 2114.

BIO 4251. Biological Laboratory Techniques. For majors only. Experience is given in planning and assisting in laboratory courses. Prerequisite: Consent of department. May be repeated once.

BIO 4273. Introduction to Geographic Information Systems. Geographic information systems (GIS) use computers to capture, store, retrieve, analyze, manipulate and display spatial data. This course introduces students to GIS, with an emphasis on environmental applications. A “hands-on” approach is taken, and the

majority of the course is devoted to developing skills in using GIS to solve problems. Includes image processing, cartographic modeling, map algebra, multi-criteria evaluation, multiple regression, and geostatistics. Prerequisites: BIO 2104, BIO 2114, and MTH 1243 or higher.

BIO 4324. (WI) Tropical Marine Biology. A field course emphasizing study of tropical marine animals and plants, with extensive study of the diverse organisms of reefs, mangroves, rocky shores and seagrass beds. Includes a field component in Belize. Prerequisites: BIO 2104 and BIO 2114, ability to swim, and consent of instructor.

BIO 4331-3. Independent Study. Study under the direct supervision of a faculty member. May be repeated. Requires chair's approval.

BIO 4343. Phycology. A study of the taxonomy, morphology, ecology, and economic importance of freshwater algae. Two (2) hours lecture and two (2) hours laboratory or field per week. Prerequisite: BIO 2104.

BIO 4353. (WI) Mammalogy. A study of the classification, ecology, natural history, economic importance, techniques and methods of collection, identification, and preservation of mammals. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 2114.

BIO 4371-3. Independent Research. Study of a contemporary biological problem under the direct supervision of a faculty member. A written scientific paper is required. Prerequisites: Twenty hours of biology and consent of the instructor. May not substitute for any core requirement. May be repeated once.

BIO 4503. Behavioral Ecology. A study of how interactions with other organisms and the environment drive the evolution of adaptive behaviors. Behaviors that are manifest in the biology of animals such as life history, reproduction, resource acquisition, sociality, and survival will be examined. Two (2) hours lecture and two (2) hours field or laboratory per week. Prerequisite: BIO 3524.

BIO 4563. Biology of Cancer. A study of current concepts and characteristics of cancer, including cancer research and cancer treatment. This course will explore the cellular and molecular mechanisms underlying cancer development with the aim of understanding how changes in the normal growth and division processes lead to the formation of tumors. Topics include the natural history of cancer, oncogenes, tumor suppressors, cancer-causing viruses, epidemiology, health care policy and current therapeutic approaches to cancer treatment and prevention. Prerequisite: BIO3054.

CHEMISTRY

Dr. John Long, Chair; Dr. Bateman, Dr. Campbell, Dr. Dunlap, Dr. Hardee, Mr. Jones, Ms. O'Donnell, Dr. Schranz.

The objectives of the Department of Chemistry are as follows: to prepare students for careers and graduate study in chemistry; and to provide pre-professional training in the fields of medicine, dentistry, pharmacy, nursing, medical technology, and allied fields.

BS Degree in Chemistry - Requirements

Hours

CHM 1014, 1024	University Chemistry	8
CHM 2084	Quantitative Analysis	4
CHM 3063, 3073	Organic Chemistry I and II	6
CHM 3051, 3131	Organic Chemistry I and II Lab	2
CHM 4113, 4143	Physical Chemistry	6
CHM 4091, 4101	Physical Chemistry Laboratory	2
CHM 4253	Chemical Literature.....	3
CHM 4181	Independent Research (required twice).....	2
CHM 4124	Advanced Inorganic	4
CHM 4154	Instrumental Analysis	4
	Hours	41

Non-chemistry requirements include:

MTH295, 2045	Calculus I & II	10
MTH1261	Intro to Math Computing	1
PHY2234, 2244	University Physics I & II.....	8
	Hour.....	18

Students preparing for medical school, pharmacy school, dental school, or veterinarian school, **with permission of the Chemistry department**, may substitute Biochemistry I & Biochemistry I Lab (CHM4283 & CHM4381) for four hours of physical chemistry (CHM4113/4091 or CHM4143/4101).

BS Degree in Chemistry/Biochemistry Track - Requirements Hours

CHM1014, 1024	University Chemistry	8
CHM 2084	Quantitative Analysis	4
CHM 3063, 3073	Organic Chemistry I and II	6
CHM 3051, 3131	Organic Chemistry I and II Lab	2
CHM 3403	Physical Chemistry for Life Sciences	3
CHM 4283, 4393	Biochemistry I and II	6
CHM 4381	Biochemistry lab	1
CHM 4253	Chemical Literature.....	3
CHM 4181	Independent Research (required twice).....	2

Non-chemistry requirements include Calculus I and University Physics I & II.

BIO2104, 2114	General Botany & Zoology and labs.....	8
BIO 3054	Genetics	4
BIO 3094	Microbiology.....	4
BIO 4124	Cell Biology.....	4
MTH 1295, 1261	Calculus I & Math Computing.....	6
PHY 2234, 2244	University Physics I & II and lab	8

Required electives: Three of the following – One must be a chemistry course. Other course options are possible with the consent of the department.

CHM4154	Instrumental Analysis	4
CHM4124	Advanced Inorganic Chemistry.....	4
CHM4274	Organic Analysis.....	4
BIO3544	Human Anatomy & Physiology I.....	4
BIO4546	Biology of Cancer	3
	Total Hours	80-81

A math ACT score of 22 or greater is required for any freshman to enroll in University Chemistry I (CHM1014).

Minor requirements are 19 hours of chemistry. The 19 hours must include CHM1014, CHM1024, CHM3063, and CHM3051. The final seven hours can come from: CHM2084 and/or any 3000/4000 level chemistry courses with the exception of Nutritional Biochemistry (CHM3313).

A grade of "C" or better is required in all prerequisites for any chemistry course.

Courses in Chemistry

CHM 1004 (CHEM1004). Introduction to Chemistry. A general education course for non-science majors. Examines the impact of chemistry on our individual wellbeing, our environment, and the world around us. Serves as an introduction to scientific methods, use of units and measurements and current topics in chemistry. Includes a two hour laboratory in which experiments are performed to demonstrate the principles covered in class. Three (3) hours lecture and two (2) hours of laboratory each week. May not be taken for credit if a more advanced chemistry course has been completed. Will not count toward major, minor, or teacher certification.

CHM 1014 (CHEM1414), 1024 (CHEM1424). University Chemistry I and II. A course in the principles of chemistry designed for majors in science, and those interested in engineering, medicine, dentistry, optometry, veterinary, medical technology, and pharmacy. Three (3) hours lecture, three (3) hours laboratory. Co-requisite or Prerequisite: College Algebra or higher math or Math ACT score 22 or above). Student must make a grade of "C" or better in CHM 1014 in order to enroll in CHM 1024.

CHM 1034 (CHEM1214). General Chemistry Non-Majors. An introductory course in inorganic chemistry. Class emphasis is directed toward the needs of students in nursing, family and consumer sciences, and others not majoring in science. Three (3) hours lecture and two (2) hours laboratory.

CHM 1044 (CHEM1224). General Organic and Biochemistry. An introductory course in organic and biochemistry designed to follow CHM 1034. Does not count toward a major in chemistry nor as a prerequisite for CHM 3063 or 4283. Three (3) hours lecture and two (2) hours laboratory. Prerequisite: CHM 1034 with a grade of "C" or better.

CHM 2084. Quantitative Analysis. The basic methodologies of quantitative analysis with emphasis on chemical equilibrium, the theories of volumetric and gravimetric analysis, and electrochemistry. Some basic instrumentation is covered in the laboratory. Two (2) hours lecture and six (6) hours laboratory. Prerequisite: CHM 1024.

CHM 3051. Organic Chemistry Laboratory I. This course will introduce students to the laboratory techniques normally associated with isolation, purification and analysis of organic compounds. Spectroscopic techniques are introduced and incorporated into the course. Experiments are designed to reinforce the concepts presented in the lecture course. Co-requisite: CHM 3063.

CHM 3063. Organic Chemistry I. A study of the chemistry of carbon-based compounds. Topics covered include bonding, 3-D molecular structure, and mechanisms of functional group reactions. Organic halides, alcohols, and ethers are studied. Three (3) hours lecture. Prerequisite: CHM 1024.

CHM 3073. Organic Chemistry II. A study of reactions of functional groups including an in-depth study of carbonyl compounds, and of benzene and related aromatic molecules. Synthetic routes to molecules of biological or pharmaceutical interest will be covered. Three (3) hours lecture. Prerequisite: CHM 3063.

CHM 3131. Organic Chemistry Laboratory II. This course will build on expertise gained in CHM 3051. Additional spectroscopic techniques are introduced. Laboratory experiments emphasize new carbon-carbon bond formation, with an emphasis towards the total synthesis of various molecules. Experiments are designed to reinforce the concepts presented in the lecture course. Co-requisite: CHM 3073.

CHM 3313. Nutritional Biochemistry. A study of the basic principles of biochemistry applied to human metabolic systems. Three (3) hours lecture. It will be offered every other year (even years) in the spring. Prerequisite: CHM 1044, or CHM 3063 and CHM 3051 with grades of "C" or better.

CHM 3403. Physical Chemistry for the Life Sciences. A course intended primarily for biology and biochemistry students. The course covers the laws of chemical thermodynamics and their application in bioenergetics, properties of solutions, electrochemistry and electrochemical phenomena in biological systems, chemical spectroscopy and its application in the quantification of biological substances, and chemical kinetics and enzyme kinetics. Prerequisites: CHM 2084, CHM 3073, MTH 1295.

CHM 4091. Physical Chemistry Laboratory I. Quantitative experiments involving physical chemistry principles in such areas as kinetics, molecular structure, and spectroscopy. Three (3) hours of laboratory. Co-requisite CHM 4113.

CHM 4101. Physical Chemistry Laboratory II. Quantitative experiments involving physical chemistry principles in such areas as thermodynamics, phase equilibria, properties of gases and surface chemistry. Three (3) hours of laboratory. Co-requisite: CHM 4143.

CHM 4113, 4143. Physical Chemistry I and II. An introduction to chemical thermodynamics, chemical kinetics, molecular dynamics and electrochemistry. Three (3) hours lecture. Prerequisite: CHM 2084, CHM 3073, PHY 2244. Co-requisite or prerequisite: MTH 2045.

CHM 4124. Advanced Inorganic Chemistry. A study of classical and recent concepts concerning the bonding, molecular structure and reactivity of inorganic compounds. Special emphasis will be placed on applied quantum mechanics, molecular symmetry, and spectroscopy. The laboratory portion of the course includes the syntheses of a variety of inorganic compounds with emphasis on techniques including microscale manipulation, inert/vacuum atmosphere, and instrumental analysis. Three (3) hours lecture, three (3) hours laboratory. Prerequisite: CHM 4113 and 4143.

CHM 4154. (WI) Instrumental Analysis. A study of the theory and use of instrumental methods in chemical analysis. Three (3) hours lecture, three (3) hours laboratory. Prerequisite: CHM 4113 and 4143.

CHM 4164. Radiochemistry. An introduction to natural and artificial radioactivity, radioactive decay processes, the detection and measurement of radiation, interaction of radiation with matter and the use and safe handling of radioisotopes. Three (3) hours lecture and three (3) hours laboratory. Prerequisites: CHM 2084 and MTH 1295.

CHM 4181-3. (WI) Independent Research. An investigation in the laboratory and literature of a chemical problem under the supervision of a faculty member. Student must consult with the faculty member before being allowed to register for the course. Credit will vary from one to three hours. May be repeated. Prerequisite: consent of instructor.

CHM 4253. (WI) Chemical Literature. A study of the reference materials available to the chemist and instruction in the use of these sources, and the written and oral presentation of topics searched. Three (3) hours lecture. Prerequisite: CHM 3073.

CHM 4263. History of the Physical Sciences. A study of the development of the physical sciences from its origins to modern times. Three (3) hours lecture. Prerequisite: junior standing or consent of department.

CHM 4274. Organic Analysis. The identification of organic compounds by modern techniques. Two (2) hours lecture, six (6) hours laboratory. Prerequisite: CHM 3073.

CHM 4283. Biochemistry I. A survey of the fundamentals of biochemistry including proteins, nucleic acids, lipids, and carbohydrates. Also discussed are the chemical kinetics of enzymes and metabolism. Modern biochemical techniques will also be emphasized. Three (3) hours lecture. Prerequisite: CHM 3073.

CHM 4292. Polymer Chemistry. Introduction to the characterization, synthesis and chemical properties of polymers. Two (2) hours lecture. Prerequisite: CHM 3073.

CHM 4301. Techniques in Laboratory Management. Experience is given in planning and conducting laboratory courses. Prerequisite: Consent of department. May be repeated once.

CHM 4393. Biochemistry II. The course continues the introduction to fundamentals of biochemistry begun in the first semester. Topics will include metabolism, signal transduction, nucleic acid metabolism and information processing. In addition, more advanced aspects of biomolecules and recent advances in the field will be examined. The course is designed for students interested in careers in the biological, chemical, and medical sciences. It will be offered every other year (odd years) in the spring. Three (3) hour lecture course. Prerequisite: CHM 4283.

CHM 4343. Advanced Organic Chemistry. Designed for chemistry majors and others intending to pursue graduate work in chemistry or a closely related field. Modern topics of organic chemistry such as asymmetric synthesis, combinatorial synthesis, organometallic coupling reactions, pericyclic reactions, and photochem-

istry will be covered with a strong emphasis on current literature. Three (3) hours lecture. Prerequisite: CHM 3073.

CHM 4351-3. Special Topics in Chemistry. This senior level elective is designed for the department to offer courses relevant to an instructor's area of expertise, to offer courses of particular interest to current students, or to address contemporary topics in chemistry not adequately covered elsewhere. May be repeated for up to six hrs total, provided topics are different. Course title to appear on transcript. One to three (1 to 3) hour lecture. Prerequisite: Upper-class standing and consent of the instructor.

CHM 4381. Biochemistry Lab. Course covering the fundamental techniques used in the biochemistry laboratory. Separation techniques for proteins, nucleic acids, lipids, and carbohydrates as well as enzyme kinetics and other advanced methods will be examined. Three (3) hours of laboratory. Prerequisite: CHM 3073. Prerequisite or Corequisite: CHM 4283.

COMMUNICATION AND THEATRE ARTS

Dr. Michael Miller, Chair; Dr. Addington, Dr. Beach, Dr. Duncan, Mr. Gast, Mr. Gilpin, Mr. Henshaw, Ms. Maddox, Dr. R. Steinmiller, Mr. M. Taylor

The Department of Communication and Theatre Arts is composed of three related areas of study: communication (COM), theatre and dance (THA), and mass media communication (MMC). The goal of the department is to promote the study and use of communication in all its varying forms as an essential ingredient in determining the quality of life. Additional goals are to prepare students for graduate study and to encourage students to explore the wide range of professional opportunities available to communication majors.

Human communication is not a single discipline, but a complex, dynamic field. The department offers coursework and co-curricular activities designed to promote the understanding, practice, and enhancement of human communication. The setting may be in a variety of situations - the classroom, the theatre, the dance floor, the broadcast studio, the newsroom, the boardroom, competitive debate, or speech events.

The department offers coursework leading to the following degrees: the Bachelor of Arts in Communication; the Bachelor of Arts in Mass Media; the Bachelor of Arts in Theatre Arts.

Minors are offered in Dance, Writing for Media, Communication, Mass Media and Theatre.

Co-curricular Activities

Practical experience is an integral part of the communication curriculum. The Henderson Forensics Team competes in both debate and individual events in Arkansas and surrounding states. The Henderson theatre program presents a number of theatrical productions each year, serving both the campus and the community. The Henderson Dance Company presents performances for the campus and the community, including the Spring Dance Concert. The Henderson FM radio station, KSWH, provides a service to the community and broadcast practicum experience for students. HTV Cable 9 provides students with hands-on experience in television

and video art production and performance, and also offers local programming for the Arkadelphia community. Digital media students also produce video for cable access and other outlets. The campus newspaper, the *Oracle*, and the university yearbook, the *Star*, provide applied journalism experience.

Coursework in Communication and Theatre Arts is taught on a rotational basis. A few courses are taught every semester; more are offered only once a year; and some are offered in alternate years. This requires students and advisors to plan schedules carefully.

A maximum of six (6) hours of practicum credit (derived from any combination of practica) may be applied toward a degree.

Degree Requirements

The following core of courses is required of all Communication (COM) and Mass Media (MMC) students. Theatre (THA) degree requirements are listed separately, below. In keeping with Henderson's role as Arkansas' public liberal arts university, this core promotes critical and creative thinking, effective written and spoken communication, and creative activity among all students in the department.

Communication and Mass Media Core		Hours
(Required of all Communication and Mass Media majors)		
MMC 1013	Mass Media in Modern Society	3
	Writing Course (Approved by advisor)	3
	Senior Research (specific to major)	1
	Senior Seminar (specific to majors)	2
	Practicum/Performance	<u>3</u>
	(at least 2 hours in specialization area)	
	Total Communication and Media Core hours	12

The following are the *additional* requirements for the specific degrees in Communication and in Mass Media.

Bachelor of Arts in Communication		Hours
COM 2153	Argument and Debate <u>OR</u>	
COM 4093	Persuasion	3
COM 4133	Rhetoric Theory	3
COM 3273	Organizational Communication	3
COM 3813	Business and Professional Communication	3
COM 3533	Interpersonal Communication	3
COM 3373	Communication Research Methods <u>OR</u>	
COM 4313	Communication Criticism	3
	Elective hours	
	(As directed by departmental advisor)	<u>12</u>
	Total hours (<i>Including Com and Media Core</i>) ...	42

Bachelor of Arts Degree in Mass Media		Hours
MMC 1023	News Writing and Reporting	3
MMC 2123	Production Methods I	3
MMC 4043	Media Law and Ethics	3

MMC 2173	Broadcast Journalism	3
MMC 3063	Internship	3
COM 3533	<u>OR</u> COM 4093 <u>OR</u> COM 3813 <u>OR</u> COM 3273.....	

Specialization Track:

Directed electives	12
Total hours (Including COM and Media Core) ..	42

Degree Requirements for the Bachelor of Arts in Theatre Arts **Hours**

THA 1303	Acting I	3
THA 2012	Theatre Dance I.....	2
THA 2103	Play Analysis	3
THA 2273	Costuming for Stage/TV/Film.....	3
THA 2293	Stage and Studio Make-up	3
THA 2573	Principles of Stagecraft	3
THA 4073	Stage Design	3
THA 4161	Senior Research	1
THA 4173	Theatre Dramaturgy	3
THA 4183	Directing	3
THA 4443	Theatre History I.....	3
THA 4463	Theatre History II.....	3
THA 4522	Senior Seminar	2
THA 1241 or 3241	Theatre Practicum	6
	Theatre Elective hours (As directed by departmental advisor)	9
	Total hours	50

***Important:** Students who major in Theatre Arts *must* take THA 2033 (Humanities: Theatre Arts) as their Fine Arts Humanities course.

Minor Requirements

The Communication and Theatre Arts Department offers minors in five areas of study. In addition to minors in Communication, Mass Media and Theatre Arts, students may minor in Dance or in Writing for Media. Requirements for each of the minors are below:

1. Communication Minor **Hours**

COM 3533	Interpersonal Communication.....	3
COM 3813	Business and Professional Speaking	3
	6 hours of approved electives.....	6
	Total	12

2. Mass Media **Hours**

MMC 1013	Mass Media in Modern Society	3
MMC 1023	News Writing and Reporting	3
MMC 2173	Broadcast Journalism	3
MMC	Elective	3
MMC	Practicum	3
	Total	15

3. Theatre Arts Minor			Hours
THA	1303	Acting 1.....	3
THA	2103	Play Analysis	3
THA	2573	Principles of Stagecraft	3
THA	4183	Directing	3
THA	1241 or 3241	Theatre Practicum	<u>2</u>
		Total hours	14

Students who plan to minor in Theatre Arts must have THA 2033 Humanities: Theatre Arts as their Fine Arts Humanities course.

4. Dance Minor			Hours
THA	2002	Ballet I.....	2
THA	3232	Choreography.....	2
THA	1262	Dance Performance	2
THA	3252	Dance History	2
		Dance Elective hours (As directed by departmental advisor)	<u>6</u>
		Total	14

5. Writing for Media Minor			Hours
MMC	1013	Mass Media in Modern Society	3
MMC	4293	Creative Nonfiction <u>OR</u>	
MMC	4223	Magazine and Feature Writing	3
MMC		Practicum	2
(Minimum of two <u>semesters</u> in practicum credits for positions with <i>Oracle</i> , <i>Star</i> , <i>HTV</i> , or <i>KSWH</i>). Practicum credits with <i>Star</i> , <i>HTV</i> and <i>KSWH</i> must be in <i>writing</i> positions and receive prior approval from Writing for Media advisor).			
Electives		Minimum of 9 credits of approved electives	<u>9</u>
		Total	17

Approved Electives for Writing for Media Minor:

MMC	3103	Advanced Reporting
MMC	3203	Sports Reporting
MMC	3493	Preproduction
MMC	4223	Magazine and Feature Writing
MMC	4293	Creative Nonfiction
MMC	4304	Online Journalism

Independent Study, Special Topics or related courses in Mass Media, Communication, Theatre or other programs may count toward the Writing for Media Minor only with *prior* approval of Writing for Media advisor for projects specifically focused on writing for the media. Maximum of three credits.

Courses in Communication and Theatre Arts

Communication

COM 1023. Oral Interpretation. Theory and practice of oral interpretation of prose, poetry, and dramatic literature. Literacy criticism and analysis provide a basis for critiquing. The course culminates in a program of oral interpretation performance.

COM 1111-2. Debate Practicum. Students enrolled will compete in individual events and various forms of debate on the Henderson Forensics Team. May be repeated. A maximum of six semester hours may be applied toward a degree. Enrollment for more than one hour credit requires the consent of the instructor.

COM 2013 (SPCH1003). Oral Communication. A course designed to guide the student in examining and understanding the communication process. Experience is provided in improvements of interpersonal communication, group discussion, and public communication.

COM 2153. Argumentation and Debate. Explores the process of forming reasons, drawing conclusions, and formally applying them to a case in discussion. Students will apply critical thinking skills to write debate cases and present them in persuasive speaking, Lincoln-Douglas, and cross examination team formats. Students will develop skill in the use of logic, reasoning, evidence, rebuttal, cross examination, and the creation of written and oral discourse that uses coherent statements leading from premise to conclusion.

COM 2503. Nonverbal Communication. An examination of the nature and function of how nonverbal message systems merge and contribute to human communication. A study of the full range of kinesics, proxemics, chronemics, and paralanguage as they relate to verbal messages.

COM 2513. Leadership and Group Communication. Integration of theory and practice of teamwork, group problem-solving and decision-making, active listening and group leadership.

COM 2603. Voice and Diction. A study of the processes of vocal production and recognition of the controllable elements in speech. Drill work for improvement of pronunciation and articulation control.

COM 3043. Directing Speech Communication Activities. A comprehensive course covering activities of the high school classroom, debate, oral interpretation, readers theatre, radio, TV, and film. Lesson plans will be developed and shared for the purpose of actual utility in the classroom. Coaching speech and theatre events for competition will be addressed.

COM 4093, 5093. Persuasion. Theoretical bases of persuasion and argumentation. Particular emphasis on principles of logical reasoning and evidence use. Students will gain experience as producers and critical consumers of persuasive messages.

COM 3111-2. Debate Practicum. (See COM 1111-2.)

COM 4133, 5133. Rhetorical Theory. Investigation of the major theories of rhetoric and the evolution of rhetorical thought. Emphasis on the role of rhetoric in shaping human experience and creating individual reality.

COM 3233. Language Development. Study of the normal acquisition of speech and language across the lifespan.

COM 3243. Readers Theatre. Theory and practice of the principles and techniques of oral interpretation and staging of literature. Emphasis on analysis and criticism of literature and program building.

COM 3273. Organizational Communication. Traditional and modern concepts of communication behavior in organizations. Process of communication and interaction in today's organizational climates. Small group decision-making, directions in leadership, human resources development, and motivation. Implementing organizational communication change.

COM 3373. (WI) Communication Research Methods. An introduction to qualitative and quantitative research, including historical, descriptive, and experimental methods. Media research as the basis for specific strategies and tactics.

COM 3413. Female/Male Communication. A study of the variable of gender as it influences verbal and nonverbal interaction between men and women. Why the verbal and nonverbal codes are different and how they may be modified to produce good communication.

COM 3423. (WI) Movie Appreciation and Enjoyment. The origin and development of film from the late 19th century to the present. Emphasis on the film as a distinctive art form. This course is a designated writing course for the theatre program.

COM 3533. Interpersonal Communication. Includes assertiveness and shyness, transactional analysis, body communication, listening, and conflict resolution.

COM 3813. Business and Professional Communication. A communication course to prepare individuals in business, industry and the professions for the diverse and rapidly changing workplace of the 21st Century. Teams will plan and execute communication tasks utilizing desktop publishing, Web publishing and multimedia presentations. Students will work individually on honing job seeking and securing skills – career research, resume writing and interviewing.

COM 4003. Special Topics in Communication. Issues in contemporary communication will be studied as appropriate in a given semester. Freedom of speech, courtroom communication, mass media influences in communication, presidential elections, and other campaigns are examples of topics that might be addressed. May be repeated.

COM 4101-3. Independent Research.

COM 4141-3. Independent Study. Open to advanced undergraduates. Students must have chair's approval to register. May be repeated.

COM 4161. (WI) Senior Research. Preparation of a prospectus for an original research project to be conducted under the direction of student's departmental advisor. The project can include creative, non-traditional components, but must consist primarily of a written component.

COM 4313. (WI) Communication Criticism. Students will develop and apply

analytical methodology to the speeches of significant American speakers.

COM 4331-3. Internship in Communication. Prearranged and supervised work in public relations, communication consulting and training, persuasion campaigns, etc. May be repeated.

COM 4403, 5403. Seminar in Communication. Shared papers on topics relative to specific student interests; semantics, linguistics, cultural barriers to communication, etc. May be repeated.

COM 4522. (WI) Senior Seminar. Research project under the direction of student's departmental advisor. Students will present a paper before faculty and other majors. Prerequisite: COM 4161.

COM 4922. Special Methods: Communication. Special methods in the teaching of communication and theatre.

Mass Media

MMC 1001-3. Yearbook Practicum. Supervised work for one semester on the campus yearbook, the *Star*. The student must have taken or be in the process of taking MMC 1023, unless waived by the instructor. The course may be repeated. A maximum of six hours may be applied toward a degree. Enrollment for more than one hour credit requires the consent of the instructor.

MMC 1013. Mass Media in Modern Society. Analysis of mass media as a social and cultural force that shapes personal values and actions. Deals with how the mass media have made the popular arts possible.

MMC 1023. News Writing and Reporting. The basic course in writing for newspapers. Study of reporting techniques, with intensive laboratory practice in gathering, evaluating, and writing the basic types of news stories. Writing for the campus newspaper, the *Oracle* and the *Star* yearbook will be required.

MMC 1091-3. Newspaper Practicum. Supervised work for one semester on the campus newspaper, the *Oracle*. The student must have taken or be in the process of taking MMC 1023, unless waived by the instructor. The course may be repeated. A maximum of six hours may be applied toward a degree. Enrollment for more than one hour credit requires the consent of the instructor.

MMC 1351. Introductory Radio Practicum. All broadcast students without in-station KSWH experience are required to take this introductory course. Each student enrolled will attend practicum classes, train with staff personnel, and shadow on-air announcers in preparation for their own air shift.

MMC 2123. Production Methods I. A survey of the various aspects of TV production: Techniques of directing, floor managing, performing; hands-on experience with studio and field equipment; writing proposals, videoscripts, storyboards.

MMC 2143. Photography I. (See ART 2383.)

MMC 2163. Radio Production. Introduction to principles and practice in radio production. Includes in-studio and on-site broadcasts. Prerequisite: Consent of the instructor.

MMC 2173. Broadcast Journalism. News gathering and reporting for television and radio: Techniques of interviewing, researching, editing, and delivery; writing for the broadcast media.

MMC 4053, 5053. Directing Publications. A comprehensive course covering both newspaper and yearbook editing and production. The newspaper section is aimed primarily at future sponsors of school newspapers; the yearbook section is designed for both future editors and future sponsors of school yearbooks.

MMC 3071-3, 5071-3. Independent Study. Open to advanced students with intellectual curiosity regarding specific problem areas. Problems must be selected with approval of major advisor before registration.

MMC 3083. Electronic Editing and Design. Collection and preparation of news stories, photographs and graphics using microcomputers and related software. Principles of editing, layout, typography, headline writing, graphic creation, and applicable press law and policy will be emphasized. Prerequisite: MMC 1023.

MMC 3103. (WI) Advanced Reporting. Complex reporting and interpretative articles, criticism, and reviews; advanced writing for the campus newspaper and the college information service; public affairs reporting for local and areas newspapers. Prerequisites: MMC 1013 and 1023.

MMC 3153. Photography II. (See ART 3443.)

MMC 3181-3. Television Broadcast Practicum. Application of television techniques and procedures for live and taped production on Cable Channel 9. May be repeated. A maximum of six hours may be applied toward a degree. Prerequisite: Production Methods II and permission of instructor.

MMC 3203. (WI) Sports Reporting. Critical analysis and evaluation of newspaper, magazine and electronic sports reporting. Extensive study and practice in the writing of sports for both print and electronic media. Special emphasis on ethics as related to sports coverage.

MMC 3213. Production Methods II. Advanced studio and field work, with a concentration on the roles of Producer and Director. Prerequisite: Production Methods I and permission of instructor.

MMC 3243. Broadcast Announcing. Historical overview of the communicator in modern media. Emphasis on improvement of speaking voice, copy reading, and commercial announcing. Consideration of television and radio specialties such as news, sports, weather, and narration. Preparation of broadcasters for on-air opportunities.

MMC 3263. Video Art. Introduction to using the video medium for self expression and/or public issues: Students are encouraged to create original works based on their own fields of interest (poetry, art, music, history, etc.), some of which will be aired on local cablevision. Permission of instructor required.

MMC 3273. Television Performance. Emphasis on front-of-camera work, with basic practice in handling studio equipment. Techniques and procedures of interviews, panel discussions, newscasting, dramatic presentation, ads, and PSA's. Open only to advanced students in Mass Media, Communication, Theatre Arts and/or

permission of instructor.

MMC 3351-3. Broadcast Practicum. Students will be instructed in the practical application of broadcasting techniques in remote handling of special events, preparation of copy, and will assist in broadcasting programs on KSWH or in video productions. May be repeated. A maximum of six hours may be applied toward a degree. Enrollment for more than one hour credit requires the consent of the instructor.

MMC 3363. Sports Broadcasting. Instruction and practice in producing sports programming both in radio and television. Actual production of Henderson sports events.

MMC 3423. (WI) Movie Appreciation and Enjoyment. The origin and development of film from the late 19th century to the present. Emphasis on the film as a distinctive art form. This course is a designated writing course for the theatre program.

MMC 3493. (WI) Preproduction.

MMC 3503. Postproduction.

MMC 4001-3, 5001-3. Yearbook Practicum. Supervised work for one semester on the campus yearbook, the *Star*. The student must have taken or be in the process of taking MMC 1023, unless waived by the instructor. The course may be repeated. A maximum of six hours may be applied toward a degree. Enrollment for more than one-hour credit requires the consent of the instructor.

MMC 4043. Media Law and Ethics. In-depth study of journalism history, law, ethics and literature and the interrelation of each with society. Special emphasis on writing in books and magazines; the evolution of the rights, privileges and restrictions of the media; and self-imposed and public restrictions on news coverage and the ethics of journalism.

MMC 4063, 4066. Internship in Journalism. Prearranged and supervised work on local and area newspapers, radio and television stations, and on public relation, publicity, and advertising staffs of civic and business groups. If taken while enrolled as a regular student, no more than three hours credit may be gained in any one semester and may be repeated to a maximum of six hours credit. Requires consent of the instructor.

MMC 4091-3, 5091-3. Newspaper Practicum. Supervised work for one semester on the campus newspaper, the *Oracle*. The student must have taken or be in the process of taking MMC 1023, unless waived by the instructor. The course may be repeated. A maximum of six hours may be applied toward a degree. Enrollment for more than one-hour credit requires the consent of the instructor.

MMC 4113. Advertising Principles and Practices. An overview of the broad field of advertising. Topics include history, law, ethics, social dynamics, economic implications, as well as advertising campaign process. The advertising process is examined from the perspectives of art, business, and science.

MMC 4193. Public Relations Techniques. A study of the policies and procedures of creating and maintaining goodwill among organizations' various publics. Examines the many aspects of public relations as a staff and management function.

Basic theories, concepts and approaches to public relations. The influencing of opinion through acceptable performance and two-way communication. Prerequisites: MMC 1023, MMC 1013, MMC 1001, or permission of instructor.

MMC 4223. (WI) Magazine and Feature Writing. A writing-intensive study of the full range of magazine journalism, as well as the application of magazine principles in contemporary newspapers. Focus will be on analyzing, targeting and writing for select professional markets, and on defining current trends in popular non-fiction writing.

MMC 4253. Broadcast Management. Instruction in all aspects of running the broadcast station: assembling a good media team; programming effective formats; demographically identifying and reaching listening audiences; meeting industry codes, policies, and regulations; budgeting in various size shops and markets; demonstrating leadership in broadcast management and ownership. Extensive use of broadcast professionals to share current management techniques.

MMC 4283. Educational Television. Teaching on television for distance learning and other applications; using video to supplement classroom lessons; teaching TV production to secondary school students; critiquing the medium.

MMC 4293, 5293. (WI) Creative Nonfiction. A readings course examining the history and art of 20th-century nonfiction prose, including autobiography, journalism, travel, science and natural history writing by such authors as Stephen Crane, James Agee, Annie Dillard, Ernest Hemingway, John McPhee, Diane Ackerman and others.

MMC 4303, 5303. Online Journalism. A course designed to introduce students to professional writing for current markets, particularly for such new media as online magazines, interactive reference works, interactive fiction, direct-distribution media, etc.

MMC 4383, 4386-6. Internship in Broadcasting. Students will be assigned as interns in area radio and television stations under the supervision of commercial station personnel. Requires consent of the instructor.

MMC 4391. (WI) Senior Research. Preparation of a prospectus for an original research project to be conducted under the supervision of a departmental advisor. The project can include creative, non-traditional components, and must include a strong written component.

MMC 4402. (WI) Senior Seminar. Research or creative project under the direction of faculty advisor. Students will present their work before faculty and other majors. Prerequisite: MMC 4391.

MMC 4443, 5443. Special Topics in Mass Media. Issues in contemporary communication will be studied as appropriate in a given semester.

MMC 4453, 5453. Seminar in Mass Media. Shared papers on topics relative to specific student interests: semantics, linguistics, cultural barriers to communication, mass media and new media topics, etc. May be repeated.

MMC 4481-3. Independent Research.

Theatre

THA 1241-3. Theatre Practicum. A laboratory course designed to provide practical experience in acting, construction and/or design of scenery, lighting, properties, costuming, and make-up for plays in production. May be repeated. A maximum of six semester hours may be applied toward a degree. Enrollment for more than one hour requires the consent of the instructor.

THA 1262. Dance Performance Practicum. Involves participation in actual performance. Study of selection of works, areas of appropriate staging, musical selections, technical aspects, auditions, rehearsals. May be repeated. A maximum of six semester hours may be applied toward a degree. Enrollment for more than one hour of credit requires the consent of the instructor.

THA 1303. Acting I. An introduction to the physical, intellectual, and emotional aspects of acting, including basic movement, script analysis, and characterization techniques. Emphasis is on realistic styles.

THA 2002. Ballet I. Introduction to the basic techniques, theories, and vocabulary of ballet.

THA 2012. Theatre Dance I. A beginning movement class designed for theatre students. The student will gain a greater awareness of movement and muscle control. The student will be exposed to the different styles of dance in theatre performance, including ballet, modern, jazz, and tap.

THA 2033 (DRAM1003). Humanities: Theatre Arts. An introductory course designed to broaden the awareness and appreciation of theater art and its place in contemporary human culture. Incorporates study of theatrical styles, history, theory, and practice using live and recorded performances. Writing component includes reviews of theatrical performances.

THA 2103. Play Analysis. An introductory course in the basic skills of play analysis, dramatic structure and theatrical style. This course includes an overview of the major genres of dramatic literature with an emphasis on the impact of critical analysis and evaluation on the work of the director, the actor, and the designer. Students will read and analyze plays in order to visualize their potential theatrical production. This course is a designated writing course for the theatre program. Prerequisite: THA 2033.

THA 2273. Costuming for Stage, TV, and Film. This course is an introduction to the fundamentals of costume production and design. It is both a theoretical and a practical laboratory course. The student will explore the process of creating costumes for theatre, dance, opera, film, and television. History and research, analysis and design, budget and management, and practical construction techniques are major units of study. Each unit is coupled with project work to give the student hands-on experience in that area.

THA 2273L. Costuming for Stage, TV, and Film Lab. Practical laboratory for TH 2273. Must be taken concurrently.

THA 2293. Stage and Studio Make-Up. A practical introductory course in make-up and wigs for theatre, dance, television and film. Make-up theory and materials, equipment, basic techniques of application, and the structure of hairpieces.

es, modern and period wigs and their maintenance will be studied. This class will include lecture/demonstrations as well as a practical laboratory element where students execute makeup application on themselves and others.

THA 2413. Theatre Seminar. Changing topics with special emphasis on problems related to the production of plays.

THA 2573. Principles of Stagecraft. A lecture/laboratory course designed to teach basic theory and practice of scenery construction, lighting, properties, and sound for theatrical production.

THA 2573L. Principles of Stagecraft Lab. Practical laboratory for THA 2573. Must be taken concurrently.

THA 2613. Voice and Diction. A study of the processes of vocal production and recognition of the controllable elements in speech. Drill work for improvement of pronunciation and articulation control.

THA 2772. Jazz Dance I. Introduction to the techniques of jazz with emphasis upon specific teaching methods.

THA 3083. Stage and Studio Lighting. An introduction to theories and methods of stage and studio lighting and design. This course presents the basic theories and techniques for lighting theatrical, television and film productions with attention given to the use of light as an artistic expression. Included is basic electricity, light color theory, the design and function of the basic lighting instruments in various productions, and design procedures. Method of instruction includes lectures, laboratory demonstrations and exercises. Students will be required to complete work as members of lighting crews on various productions, and design lighting for pieces in the Henderson Dance concert and an HTV production. Prerequisite: THA 2573 or consent of the instructor.

THA 3232. Choreography. This course is designed for the intermediate to advanced dance student. It will introduce the student to the theory and mechanics of dance composition and improvisation. Prerequisite: consent of the instructor (based on previous work and/or dance experience).

THA 3241-3. Theatre Practicum. (See THA 1241-3)

THA 3252. Dance History. A lecture course covering the evolution of dance from ancient civilizations to the present.

THA 3262. Dance Performance Practicum. (See THA 1262.)

THA 3333. Acting II. Designed for theatre arts majors. Emphasis will be on major styles and techniques of the actor's craft from the ancient Greek plays through contemporary drama. Prerequisite: THA 2303.

THA 3423. (WI) Movie Appreciation and Enjoyment. The origin and development of film from the late 19th century to the present. Emphasis on the film as a distinctive art form. This course is a designated writing course for the theatre program.

THA 3453, 5453. Stage Management. Study of the role of the stage manager,

including effective organizational and management techniques used in university, community, and professional theatres. Special emphasis on communication, leadership styles and team building. Some attention to theatre management as it relates to policy making, audience building, play selection, staff organization, and budget preparation. Prerequisite: THA 2033.

THA 3473. (WI) Women, Gender and Race in American Theatre. A course designed to heighten the student's awareness of the role that women, gender, and race have played historically and play currently in the theatre arts of the United States. This course is designed to explore the wide range of theatre that is usually referred to as theatre of diversity, "theatre of the people," "fringe theatre," or even "theatre of difference."

THA 3483. Theatre of the Non-Western World. A course designed to heighten the student's awareness of theatre arts from non-Western cultures. Theatrical traditions from continents and countries such as Africa, India, and Asia and cultures such as Islam will be included.

THA 3503. Acting for the Camera. This course is designed to introduce the student to the camera acting skills (which differ in many ways from theatre acting skills) necessary for work in the film, TV, and video industries. Students will complete assigned projects in camera acting technique, auditioning, voice-over and commercial work. There will be critiques of these projects as well as in class exercises and discussions relating to issues and problems associated with acting for the camera. Prerequisite: THA 1303 or consent of the instructor.

THA 3782. Jazz Dance II. Intermediate techniques and combinations of stylized movement.

THA 3822. Theatre Dance II. Continuation of dance for the theatre. Prerequisite: THA 2012.

THA 3922. Ballet II. Review of fundamentals of ballet. Intermediate techniques of ballet. Prerequisite: THA 2002 or equivalent.

THA 4073. Stage Design. Basic theories and techniques of scenic design, including understanding the elements of design, color theory, and the design process; drafting scale and perspective drawings; and building scenic models. Emphasis on major styles in scene design in relation to the periods of dramatic literature. Prerequisite: THA 2103 and 2573.

THA 4091-3, 5091-3. Theatre Production Techniques. Special studies in performance or design/technical aspects of theatre. Students work closely under the supervision of faculty directors or designers.

THA 4141-3, 5141-3. Independent Study. Open to advanced students with intellectual curiosity regarding specific problem areas. Problems must be selected with approval of major advisor before registration.

THA 4161. (WI) Senior Research. Preparation of a prospectus for an original creative or research project to be conducted under the direction of student's departmental advisor.

THA 4173, 5173. (WI) Theatre Dramaturgy. Seminar in the cultural and aes-

thetic principles informing and defining the theatrical performance including the exploration of text analysis, the research process necessary for the production of a script, the multiple contexts of a script in performance, and the discovery of style as it relates to the production of a script. Includes readings in classical and contemporary dramatic literature, theory, and criticism. This course is a designated writing course for the theatre program. Prerequisite: THA 2103.

THA 4183. Directing. Emphasis on the director's media, use of the stage, movement, stage picture, imposed business, characterization, casting, and rehearsals. Students will be required to direct a short play. Prerequisites: THA 1303, 2103, 2573.

THA 4373, 5373. Repertory Theatre. Production of plays as a repertory company outside of the normal co-curricular production program. Sessions consist of laboratory work preparing scenery, lighting, costumes, makeup, properties, and rehearsal of plays in production.

THA 4443, 5443. (WI) Theatre History I: Origins to 1800. A course in the history of the theatre and its literature from its origins in primitive ritual to classical Greece and Rome through the medieval period, and the European Renaissance, and the 18th century. Emphasis will be on the theatre as an institution and art form. Prerequisite: THA 2103 or consent of instructor.

THA 4463, 5463. (WI) Theatre History II: 1800 to Present. A course in the history of the theatre and its literature covering the major developments of the 19th, 20th, and 21st centuries. Emphasis will be on the theatre as an institution and art form. Prerequisite: THA 2103 or consent of instructor.

THA 4522. (WI) Senior Seminar. Creative or research project under the direction of student's departmental advisor. Students will present the project before faculty and other majors. Prerequisite: THA 4161.

THA 4542. Dance Company. A performance class which requires audition for admission. Dance Company is designed for intermediate and advanced dance students. Company members will learn new styles and techniques in ballet, modern dance, jazz, and tap and will perform in a dance concert. May be repeated. A maximum of six semester hours may be applied toward a degree.

THA 4552. Modern Dance. Fundamentals of modern dance. Exploration of modern dance theories and techniques.

ENGLISH, FOREIGN LANGUAGES, and PHILOSOPHY

Dr. Peggy Dunn Bailey, Chair; Dr. J. Adkison, Dr. Atchley, Mr. Bailey, Dr. Barron, Ms. Bass, Ms. Batson, Dr. Beggs, Mr. Gibson, Dr. Gudrian, Dr. Jeffers, Dr. Maxfield, Dr. McGinnis, Dr. Tartamella, Dr. Thomson, Dr. Todd, Ms. Wilson

The mission of the Department of English, Foreign Languages, and Philosophy is to provide students with a strong background in English, French, German, and Spanish languages and literature and in the discipline of philosophy.

The English curriculum is designed to offer students the opportunity to enhance their critical thinking, reading, and writing skills and develop knowledge and appreciation of the English language and the literatures of various traditions and

civilizations. Students majoring or minoring in English also acquire the analytic skills and aesthetic sensibilities which enable them to read, understand, appreciate, and evaluate significant works of literature and other texts. The professional mission of the department in English instruction is to produce quality graduates who possess the knowledge and skills necessary for success as public school teachers, graduate students, students of law, or professionals in the world of government and business.

The foreign language curriculum is designed to meet the varying needs for linguistic competence in today's world. The emphasis in the first two years of study is on the acquisition of functional language skills and on the development of an understanding of the contemporary cultures of the countries involved. As students progress to the more advanced levels, they further refine their communicative language skills while having the opportunity to study literature, culture, and civilization. The professional mission of the department in foreign languages is to build, first of all, a useful degree of functional language skills and cultural sensitivity. Through the study of foreign languages, students become acquainted with other modes of thought, expression, and cultural perspective and have the opportunity to experience literary masterpieces in their original languages. Courses are available leading to the major and minor in Spanish and to minors in French and German.

The philosophy curriculum is designed to provide students with the opportunities to develop the ability to think logically and critically, to speak and write effectively, to appreciate the complexity and diversity of world cultures, to understand the physical universe, and to participate as concerned, intelligent citizens in the discipline and in the wider world. The professional mission of the department in philosophy is to help students develop the ability to see the interconnectedness of all of the academic disciplines, to problem-solve in creative and interdisciplinary ways, and to acquire the skills to succeed in graduate work in philosophy and other disciplines, as students of law, or professionals in medicine, politics, education, and business.

ENGLISH

Major Requirements for the Bachelor of Arts Degree in English Hours

ENG 2013, 2023	World Literature*	6
ENG 3063, 3073	Survey of American Literature	6
ENG 3083, 3093	Survey of English Literature	6
	Directed English Electives**	<u>18</u>
Total hours required for major in English		36

*These six hours meet the liberal arts core requirement normally fulfilled by Masters of Western Literature (ENG 2683). If a student takes Masters before declaring as an English major, the 3 hours of Masters may substitute for World Lit I, but not for World Lit II.

**The department strongly recommends that students choose elective courses that will expose them to a broad range of genres and historical periods.

In order to receive a degree with a major in English, a student must complete a minimum of six (6) semester hours of upper-division work in English with a grade of "C" or better at Henderson, regardless of the number of hours of transfer credit.

Also see **Bachelor of Arts** information on page 74 of this catalog.

Requirements for the BA in English with Teacher Licensure

In addition to the requirements listed above, students seeking teacher licensure in English must earn a minimum of 9 (nine) hours of 3000- or 4000-level courses in English at Henderson (regardless of work taken elsewhere) and earn a grade of C or better in each course. ENG 4843 Special Methods: English may not be used to fulfill this requirement. Directed English Electives must include ENG 4163 Modern Grammar, ENG 4453 Advanced Composition, ENG 4563 Literature for Adolescents and Young Adults, and ENG 4103 Shakespeare. Students seeking Teacher Licensure must also complete the Professional Education Curriculum for 7-12 teachers [listed under Secondary (7-12) Education in the Teachers College chapter of this catalog] and must fulfill the requirements for Education Track BA/BS (shown in The Senior College section of Undergraduate Curricula chapter of this catalog). Students seeking Teacher Licensure must offer six (6) hours of the same foreign language.

Minor Requirements		Hours
ENG 2013, 2023	World Literature*.....	6
ENG 3063, 3073	Survey of American Literature	
	or	
ENG 3083, 3093	Survey of English Literature	6
ENG 4163	Modern Grammar.....	3
	Directed English Elective.....	3
Total hours required for minor in English **		18

*These six hours meet the liberal arts core requirement normally fulfilled by Masters of Western Literature (ENG 2683). If a student declares an English minor after having taken Masters, that student may substitute Masters for World Lit I, but not for World Lit II.

**If students minoring in English desire to be certified to teach, they must take an additional six hours of electives, including ENG 4453 Advanced Composition. English minors taking the Survey of American Literature must choose elective courses in English literature; likewise, those taking the Survey of English Literature must choose elective courses in American literature (24 hours required for certification).

Also see **Bachelor of Arts** information on page 74 of this catalog.

Writing Specialization Minor

The 18-hour writing specialization minor in English is designed for students planning to enter careers or professions, such as business, law, public administration, journalism, the sciences, and other areas in which writing ability is a crucial qualification. A student majoring in English may not declare a Writing Specialization minor. An English major may have completion of Writing Specialization requirements noted on the transcript.

Required Courses	Hours	Semester Offered
ENG 2133 Rhetoric and Argument	3	Fall
ENG 4163 Modern Grammar*	3	Fall, Summer I
ENG 3613 Technical Writing	3	Fall, Spring

ENG 4453	Advanced Composition*	3	Fall, Spring
ENG 4983	Advanced Creative Writing*+ ...	3	Spring (odd-numbered years)

One (1) elective from the following list:

- MMC 4223 Magazine and Feature Writing 3 (Check with
- MMC 4293 Creative Non-fiction..... 3 Communication
- MMC 4303 Online Journalism..... 3 and Theatre Arts Department)

Total hours required..... 18

*May count as English Major electives
 +Prerequisite: ENG 2503 Intro to Creative Writing

Courses in English

The prerequisite for all 2000-level and above English courses is satisfactory completion (with a grade of C or higher) of Freshman English (ENG 1463 and ENG 1473 or their equivalents).

ENG 0423. Basic English. A course designed for those students with ACT scores in English in a range mandated by the Arkansas Department of Higher Education. The course emphasizes a basic review of grammar and usage. Students will work on developing quality theses, topic sentences, paragraphs, and essays in preparation for the work of credit-level composition. ENG 0423 is a non-degree-credit course. If required, must be completed with a “C” or better.

ENG 1463 (ENGL1013). Freshman English A. A course designed primarily to develop in the student, by working with a variety of texts, the ability to read with understanding and appreciation, to think coherently, to gain knowledge of the structure of the language, and to write clearly and effectively. Must be completed with a “C” or better. Prerequisite: ACT score in English of 19, or equivalent score on alternate test, or a “C” or better in ENG 0423.

ENG 1473 (ENGL1023). Freshman English B. A course designed as a sequel to ENG 1463 to refine the ability to think logically and coherently; to read with understanding, critical acumen, and appreciation; to gain further knowledge of the structure of the language; and to write clearly and effectively. The study of short stories, poetry, drama, and essays provides topical ideas for essays. Must be completed with a “C” or better before enrolling in any other English course. Prerequisite: ENG 1463 with a grade of “C” or better.

ENG 1803. Honors Freshman English. A course focusing on the writing process, particularly as it relates to analysis, evaluation, and argumentation. The study of fiction, poetry, and drama provides the student the opportunity to read carefully and critically, to cultivate an appreciation of literature, and to work toward both oral and written expression characterized by clarity, coherence, completeness, economy, specificity, and correctness. Substitutes for ENG 1473, Freshman English B. Prerequisite: honors standing.

ENG 2013. World Literature I (ENGL2113). A survey of major works of world literature through the 17th century. Prerequisites: ENG 1463 and ENG 1473 (or equivalent preparation) with a "C" or better. Counts toward the English major and minor.

ENG 2023. World Literature II (ENGL2123). A survey of major works of

world literature from the 18th century to the present. Prerequisites: ENG 1463 and ENG 1473 (or equivalent preparation) with a "C" or better. Counts toward the English major and minor.

ENG 2133. Rhetoric and Argument. A writing course designed to develop reasoning skills, persuasion techniques, and revising strategies in order to maximize effectiveness of argumentation. By examining readings on both sides of controversial issues, students will learn to evaluate evidence, identify errors in logic, and prepare counterarguments. Class discussion on the readings and the issues will also give students opportunity to develop public debating skills. Does not count toward English major or minor.

ENG 2503 (ENGL2013). Introduction to Creative Writing. A combination lecture/workshop course in which students will produce and critique original works of poetry and fiction. Students will also study issues related to contemporary literary styles and publication (both in print and on the Internet). Prerequisites: Satisfactory completion of freshman English requirements. Does not count toward English major or minor.

ENG 2683 (ENGL2213). Masters of Western Literature. A general education course designed to offer students opportunities to read, analyze, evaluate, discuss, write about, and come to appreciate works by writers in the Western tradition. Begins with works from the ancient period and may continue to works from the contemporary era. Prerequisites: ENG 1463 and ENG 1473 (or equivalent preparation) with a "C" or better.

ENG 2793. Masters of Western Literature-Honors. A general education course designed to offer students opportunities to read, analyze, evaluate, discuss, write about, and come to appreciate works by writers in the Western tradition. Begins with works from the ancient period and continues to works from the contemporary era. Individual and group projects augment the curriculum. Prerequisites: ENG 1463 and ENG 1473 (or equivalent preparation) with a "C" or better.

ENG 3043. Non-Western Literature. A study of the literature of those cultures not included in the Western tradition. Texts read in the course will include those by Africans, Asians, Latin Americans, and writings from the nations of Islam. Readings may include classical non-Western works at the discretion of the instructor; however, the major focus of the course will be on more contemporary texts to provide students with some insight into divergent world views as seen through modern non-Western literature. Fulfills non-western requirement and 3 hours of English major or minor.

ENG 3063. Survey of American Literature I. A survey covering significant writers and works from the pre-colonial and/or colonial periods through the Civil War.

ENG 3073. Survey of American Literature II. A survey covering significant writers and works after the Civil War and through the contemporary period.

ENG 3083. Survey of English Literature I. A survey of British literature from the Anglo-Saxon period through the Enlightenment.

ENG 3093. Survey of English Literature II. A survey of British literature from the Romantic, Victorian, and Modern periods.

ENG 3313. University Writing. A course designed to enhance students' critical, analytical, and writing skills by working with a variety of texts. Must be completed with a "C" or better. Does not count toward the English major or minor. Can fulfill the junior/senior-level writing course requirement in the Liberal Arts Core.

ENG 3613. Technical Writing. A service course for majors in business, pre-engineering, nursing, pre-law, mass media, and the sciences. Required for Writing Specialization minor. Does not count toward the English major or minor. Can fulfill the junior/senior-level writing course requirement in the Liberal Arts Core.

ENG 4103, 5103. (WI) Shakespeare. An intensive study of the poetry and plays of William Shakespeare. Required for teacher certification in English.

ENG 4123, 5123. (WI) Renaissance Literature of England. A survey of the major historians, poets, and dramatists of the late 16th and early 17th centuries, excluding Shakespeare.

ENG 4163, 5163. Modern Grammar. An analysis of the English language through descriptive, generative, and performance models. Content includes intensive analysis of the structure and syntax of English. Required for teacher certification in English.

ENG 4173, 5173. (WI) Modern Drama. A study of American and European drama from 1890 to 1960.

ENG 4193, 5193. (WI) Victorian Literature. A study of prose and poetry of the British Victorian era.

ENG 4203, 5203. (WI) English Romantic Literature. A study of the tenets of Romanticism and a survey of significant texts of the British Romantic Period.

ENG 4213, 5213. English and Its Development. A study of the development of the English language from its earliest recorded varieties to its present-day varieties. Entails the examination of changes that have taken place in its phonology, morphology, lexicon, orthography, and syntax. To account for these changes, students will examine the language within the ebb and flow of its social, political, and intellectual contexts.

ENG 4223, 5223. (WI) American Novel. A study of significant American novelists from the early republic through the contemporary period.

ENG 4303, 5303. (WI) Literature of the American South. A study of selected authors and texts originating from and/or commenting upon the southern United States, the Caribbean, Central America, and/or South America. This course also involves the examination of Southern Literature as a category, tracing its formation, evolution, and revision from colonial times through the present.

ENG 4323, 5323. (WI) Greek Drama. A study of tragedy and comedy from the classical Greek period.

ENG 4353, 5353. (WI) Eighteenth Century English Literature. A survey of poetry and prose from the Restoration and Enlightenment through the earliest manifestations of British Romanticism.

ENG 4403, 5403. Topics in Women's Literature. This course will focus on poetry, prose, and/or drama by women. Topics will vary. For example, the course may be a survey of literature written by women of a particular period, movement, or culture, an examination of the works of an individual woman writer, or a cross-cultural exploration of a particular theme within women's literature. Course content varies, so students may take this course twice for a total of six hours of credit if the topics are different. Prerequisite: Junior standing or consent of the instructor.

ENG 4453, 5453. (WI) Advanced Composition. An emphasis on composing texts that range in form and content, including research and argumentation. Attention to scholarly and academic writing conventions is emphasized. Required for teacher certification in English. Can fulfill the junior/senior-level writing course requirement in the Liberal Arts Core.

ENG 4483, 5483. Acquisition of English as a Second Language. A course introducing the theory of acquisition of English as a second language, including the various stages of language development. It will examine the cognitive, physical, social, and emotional factors impacting on acquisition of English as a second language. Emphasis will be placed on instructional strategies promoting acquisition of English as a second language. This course is designed for students seeking an ESL Endorsement. This course does not substitute for EDU 4873, Special Methods: Foreign Language. This course does not count toward the English major or minor; this course is not applicable to the M.L.A.

ENG 4533, 5533. (WI) The Romantic Movement in American Literature. A study of the characteristics of the American Romantic Movement in literature and a survey of representative writers of the period.

ENG 4563, 5563. Literature for Adolescents and Young Adults. A study of western and nonwestern literature for and about adolescents and/or young adults; critical study, interpretation, and evaluation of the genre; examination of modes and themes found in the literature; selection of literature appropriate for use in 7th-12th grade classrooms. Selections span classic to contemporary and include the play, novel, short story, poem, graphic novel, film, and other genres appropriate for and attractive to adolescents and young adults, as well as interdisciplinary methods, media, and materials for selecting, teaching, assessing, facilitating, and encouraging student reading, including English language learners. Standards of both NCTE/CAEP and CCSS are addressed. Required for Teacher Licensure in English. Open to all students, including English majors and minors, who have satisfactorily completed Freshman English requirements.

ENG 4583, 5583. (WI) International Short Story. A study of the short story as a genre, including its history and development up to the present. Writers from various countries will be represented.

ENG 4593, 5593. (WI) English Novel: 1830-1950. A study of significant British novels of the Victorian and modern eras.

ENG 4603, 5603. (WI) Contemporary Literature. An emphasis on post-World War II American and British fiction with some attention to nonfiction, poetry, and drama.

ENG 4633, 5633. (WI) Introduction to Literary Criticism. A study of the vari-

ous approaches to literary criticism, their historical development, and their practical applications. Students will also examine the close relationship between criticism and literary research.

ENG 4643, 5643. (WI) Rhetoric and Composition. This course reviews rhetorical theories from classic through contemporary, with an emphasis on the application of theory to the teaching of composition. Includes grounding in the development of composition as an academic discipline as well as modern uses and misuses of rhetoric in the public sphere.

ENG 4653, 5653. (WI) Medieval Literature. A study of representative British, Scandinavian, Icelandic, and Continental texts dating from 450-1500 CE.

ENG 4663, 5663. (WI) Introduction to Linguistics. A survey of major historical schools of linguistics with emphasis upon contemporary theory and its application to the understanding and teaching of English.

ENG 4673, 5673. (WI) English Novel to 1830. A study of significant British novels through the early 19th century with emphasis on the evolution of the novel form.

ENG 4843. Special Methods: English. Special methods in the teaching of English. Required for Teacher Licensure in English. Does not count toward English major or minor.

ENG 4963, 5963. Special Topics. This course focuses on various genres and themes in literature and language as well as individual authors. Topics may include, but are not limited to, specialized literature and/or writing, as the professor deems appropriate. Course content varies, so students may take this course twice for a total of six hours of credit if the topics are different. Prerequisite: Junior standing or consent of the instructor.

ENG 4983, 5983. Advanced Creative Writing. In this course, students will not only continue to develop and refine the portfolios they started in Introduction to Creative Writing, but will also delve more deeply into the intellectual life of the writer. To that end, contemporary fiction and poetry will be analyzed through a series of book reviews and formal explications of individual poems, stories, plays, and other creative projects. Prerequisite: ENG 2503 or consent of instructor.

FRENCH

The French program offers courses that fulfill the foreign language requirement for the B.A. degree and more advanced courses for French minors. Freshmen and transfer students seeking a B.A. degree and choosing to satisfy the foreign language requirement by taking French are required to take FRE 1013 (French 1)—unless they have already taken and passed, at an accredited and approved institution, a university-level French course OR they have passed the appropriate CLEP test. (Students can receive up to twelve hours of CLEP credit for French, but the test must be taken before students begin taking courses in university-level French.). French courses should be taken sequentially and without interruption.

Minor requirements are 15 hours, three hours of which must be 3000-level or above.

Courses in French

FRE 1013 (FREN1013). French 1. A beginning course designed for the student having little or no knowledge of French. Emphasis on basic oral and aural skills necessary to participate in simple conversations about one's immediate environment. Development of reading and writing skills needed for basic functioning in a French-speaking situation. In the context of the development of language skills, students are introduced to contemporary culture and customs of the French-speaking world. Stress is placed on vocabulary acquisition, pronunciation and command of elementary structure.

FRE 1023 (FREN1023). French 2. A continuation of FRE 1013. Continued vocabulary acquisition, development of conversational and comprehension skills. Further development of reading and writing skills. Students learn to express a sequence of events and deal with the expression of more abstract ideas. Cultural emphasis is on the modern world with readings from contemporary sources. Prerequisite: FRE 1013 or equivalent.

FRE 1146. Intensive Elementary French. Similar to FRE 1013, 1023. Offered only as part of special programs.

FRE 2033 (FREN2013). French 3. A course designed for those having command of the basic structures of French. Further development of conversational, aural comprehension, reading and writing skills. Cultural emphasis is primarily on the modern world; however, materials selected provide insight into the roots of modern culture. Prerequisite: FRE 1023 or equivalent. (FRE 2033 is considered upper-level credit in computing the required number of hours of senior college work.)

FRE 2043 (FREN2023). French 4. A continuation of FRE 2033 designed to increase the student's conversational, comprehension, reading and writing skills. Materials are selected to provide a wide range of linguistic experience and cultural insight. Prerequisite: FRE 2033 or equivalent. (FRE 2043 is considered upper-level credit in computing the required number of hours of senior college work.)

FRE 2156. Intensive Intermediate French. Similar to French 2033, 2043. Offered only as part of special programs.

FRE 3093. Advanced French Conversation and Composition. A course designed specifically to increase the student's conversational fluency and writing proficiency on a wide variety of topics. Opportunity for individualized projects designed to meet the needs of the individual student for specialized or technical language. Prerequisite: FRE 2033 or equivalent.

FRE 3201-3. Independent Study. A course designed to meet the needs of the individual student. Prerequisite: FRE 2043. Permission to enroll must be granted by the foreign language coordinator and the instructor.

FRE 3223. French Culture and Civilization. A course of readings and lectures exploring the historical development of France emphasizing the contributions made to the arts, sciences, philosophy, and political thought. Conducted in French. Prerequisite: FRE 2033 or equivalent.

FRE 3243. Introduction to French Literature. An overview of the major periods of French literature. Provides an introduction to the "explication du texte," a writing technique commonly used in literary criticism and analysis. Reading selections include short works and excerpts in modern French. Conducted in French. Prerequisite: FRE 2033 or equivalent.

FRE 4873. Special Methods. Special Methods in the teaching of foreign language. Pre-requisite FRE 2033. Does not count toward the French minor. Cross-listed as GER 4873 and SPA 4873.

GERMAN

The German program offers courses that fulfill the foreign language requirement for the B.A. degree and more advanced courses for German minors. Freshmen and transfer students seeking a B.A. degree and choosing to satisfy the foreign language requirement by taking German are required to take GER 1013 (German 1)—unless they have already taken and passed, at an accredited and approved institution, a university-level German course OR they have passed the appropriate CLEP test. (Students can receive up to twelve hours of CLEP credit for German, but the test must be taken before students begin taking courses in university-level German.) German courses should be taken sequentially and without interruption.

Minor Requirements are 15 hours, three hours of which must be 3000□level or above.

Courses in German

GER 1013 (GERM1013). German 1. A beginning course designed for the student having little or no knowledge of German. Emphasis on basic oral and aural skills necessary to participate in simple conversations about one's immediate environment. Development of reading and writing skills needed for basic functioning in a German-speaking situation. In the context of the development of language skills, students are introduced to contemporary culture and customs of the German-speaking world. Stress is placed on vocabulary acquisition, pronunciation and command of elementary structure.

GER 1023 (GERM1023). German 2. A continuation of GER 1013. Continued vocabulary acquisition, development of conversational and comprehension skills. Further development of reading and writing skills. Students learn to express a sequence of events and deal with the expression of more abstract ideas. Cultural emphasis is on the modern world with readings from contemporary sources. Prerequisite: GER 1013 or equivalent.

GER 1146. Intensive Elementary German. Similar to GER 1013 and 1023. Offered only as part of **special** programs.

GER 2033 (GERM2013). German 3. A course designed for those having command of the basic structures of German. Further development of conversational, aural comprehension, reading and writing skills. Cultural emphasis is primarily on the modern world; however, materials selected provide insight into the roots of modern culture. Prerequisite: GER 1023 or equivalent. (GER 2033 taken at Henderson may be considered upper□level credit in computing the required number of hours of senior college work.)

GER 2043 (GERM2023). German 4. A continuation of GER 2033 designed to increase the student's conversational, comprehension, reading and writing skills. Materials are selected to provide a wide range of linguistic experience and cultural insight. Prerequisite: GER 2033 or equivalent. (GER 2043 taken at Henderson may be considered upper-level credit in computing the required number of hours of senior college work.)

GER 2156. Intensive Intermediate German. Similar to German 2033 and German 2043. Offered only as part of **special** programs.

GER 3093. Advanced German Conversation and Composition. A course designed specifically to increase the student's conversational fluency and writing proficiency on a wide variety of topics. Opportunity for individualized projects designed to meet the needs of the individual student for specialized or technical language. Prerequisite: GER 2033 or equivalent.

GER 3201□3. Independent Study. A course designed to meet the needs of the individual student. Prerequisite: GER 2043 or equivalent. Permission to enroll must be granted by the foreign languages coordinator and the instructor. Only two Independent Study classes may count toward the major.

GER 3223. German Culture and Civilization. Readings and lectures exploring the culture and civilization of the German-speaking world from prehistoric times to the present. Covers major contributions in art, architecture, music, literature, philosophy, and the sciences. Conducted in German. Prerequisite: GER 2033 or equivalent.

GER 3243. Introduction to German Literature. A historical overview of German literature providing an introduction to significant genres, major authors and periods, including the folk tradition. Reading selections include short works and excerpts in modern German. Conducted in German. Prerequisite: GER 2033 or equivalent.

GER 4873. Special Methods. Special Methods in the teaching of foreign language. Pre-requisite GER 2033. Does not count toward the German minor. Cross-listed as FRE 4873 and SPA 4873.

SPANISH

The Spanish curriculum provides students with the opportunity to learn a foreign language spoken by millions of people throughout the world and to learn about a variety of distinct Spanish-speaking cultures. The program offers courses that fulfill the foreign language requirement for the B.A. degree and more advanced courses for Spanish majors and minors. Freshmen and transfer students seeking a B.A. degree and choosing to satisfy the foreign language requirement by taking Spanish are required to take SPA 1013 (Spanish 1)—unless they have already taken and passed, at an accredited and approved institution, a university-level Spanish course OR they have passed the appropriate CLEP test. (Students can receive up to twelve hours of CLEP credit for Spanish, but the test must be taken before students begin taking courses in university-level Spanish.) Spanish courses should be taken sequentially and without interruption.

Major Requirements for the Bachelor of Arts Degree		Hours
SPA 2033 and 2043	Spanish 3 and 4	6

SPA 3063	Advanced Spanish Conversation.....	3
SPA 3073	Advanced Spanish Composition	3
Either SPA 3613 or 3623	Culture and Civ (of Spain or Lat. Am.).....	3
Either SPA 3533 or 4053	Translation or Advanced Grammar	3

Choose 2:

{SPA 3243, 3253, 4123 4133, 4513, 4523}	Hispanic/Spa. Am. Literature.....	6
	Additional Directed Electives (may include approved Study Abroad)	12
	Total Required Hours for Major.....	36

*Spanish 1 and Spanish 2 do not count toward the Spanish major in the B.A. program. Students not earning credit in Spanish 3 and 4 must take an additional 6 hours of directed electives in order to earn the required 36 hours for the major.

In order to receive a B.A. degree in Spanish from Henderson State University, a student must complete at Henderson a minimum of nine (9) semester hours of upper-division course work in Spanish with a grade of "C" or better.

Requirements for the BA in Spanish with Teacher Licensure

In addition to the requirements listed above, students seeking teacher licensure in Spanish must earn a minimum of 9 (nine) hours of 3000- or 4000-level courses in Spanish at Henderson (regardless of work taken elsewhere) and earn a grade of C or better in each course. These nine (9) hours must include SPA 4873: Special Methods. Students seeking Teacher Licensure must also complete the Professional Education Curriculum for 7-12 teachers (listed under Secondary [7-12] Education in the Teachers College chapter of this catalog) and must fulfill the requirements for Education Track BA/BS (shown in The Senior College section of Undergraduate Curricula chapter of this catalog).

Minor Requirements

Minor requirements are 18 hours, at least six hours of which must be 3000-level or above. To earn a minor in Spanish from Henderson State University, a student must pass—with a C or better—at least six hours of 3000-level or above course work in Spanish at Henderson.

Courses in Spanish

SPA 1013 (SPAN1013). Spanish 1. A beginning course designed for the student having little or no knowledge of Spanish. Emphasis on basic oral and aural skills necessary to participate in simple conversations about one's immediate environment. Development of reading and writing skills needed for basic functioning in a Spanish-speaking situation. In the context of the development of language skills, students are introduced to contemporary culture and customs of the Spanish-speaking world. Stress is placed on vocabulary acquisition, pronunciation and command of elementary structure.

SPA 1023 (SPAN1023). Spanish 2. A continuation of SPA 1013. Continued vocabulary acquisition, development of conversational and comprehension skills. Further development of reading and writing skills. Students learn to express a sequence of events and deal with the expression of more abstract ideas. Cultural em-

phasis is on the modern world with readings from contemporary sources. Prerequisite: SPA 1013 or equivalent.

SPA 1146. Intensive Spanish 1 and 2. Similar to SPA 1013, 1023. Normally offered only during summer sessions.

SPA 2033 (SPAN2013). Spanish 3. A course designed for those having command of the basic structures of Spanish. Further development of conversational, aural comprehension, reading and writing skills. Cultural emphasis is primarily on the modern world; however, materials selected provide insight into the roots of modern culture. Prerequisite: SPA 1023 or equivalent. (SPA 2033 is considered upper-level credit in computing the required number of hours of senior college work.)

SPA 2043 (SPAN2023). Spanish 4. A continuation of SPA 2033 designed to increase the student's conversational, comprehension, reading and writing skills. Materials are selected to provide a wide range of linguistic experience and cultural insight. Prerequisite: SPA 2033 or equivalent. (SPA 2043 is considered upper-level credit in computing the required number of hours of senior college work.)

SPA 2156. Intensive Spanish 3 and 4. Similar to SPA 2033, 2043. Normally offered only during summer sessions.

SPA 3063. Advanced Spanish Conversation. A course designed specifically to increase conversational fluency in Spanish. Prerequisite: SPA 2033 or equivalent. Required for majors.

SPA 3073. (WI) Spanish Composition. A course designed specifically to increase writing proficiency in Spanish. Prerequisite: SPA 2033 or equivalent. Required for majors.

SPA 3201-3. Independent Study. A course designed to meet the needs of the individual student. Prerequisite: SPA 2043. Permission to enroll must be granted by the instructor and the chair of the department.

SPA 3243. (WI) Introduction to Hispanic Literature. A historical overview of Hispanic literature providing an introduction to the works of major authors and significant genres (fiction, nonfiction, poetry, and drama). Reading selections include short works and excerpts in modern Spanish. Conducted primarily in Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 3253. (WI) Hispanic Short Story. Reading and discussion of short stories from a variety of authors, both from Spain and the New World. Special emphasis given to the contemporary period. Conducted primarily in Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 3533. (WI) Spanish Translation. A course designed for students seeking to refine their technical abilities in translating Spanish to English and English to Spanish. Particular attention is given to the linguistic and socio-linguistic issues involved in the translation. Contemporary sources such as short literary works as well as articles in a variety of fields are used as examples for the theory and practice of translation. Prerequisite: SPA 2033 or equivalent.

SPA 3613. (WI) Culture & Civilization of Spain. Readings and lectures exploring the culture and civilization of Spain from early history to the present. Conducted primarily in Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 3623. (WI) Culture & Civilization of Latin America. Readings and lectures exploring the culture and civilization of the Spanish-speaking Americas from early history to the present. Emphasis is placed on those aspects of culture which are common to all or many of the Spanish-speaking countries of the New World. Conducted primarily in Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 4053. Advanced Spanish Grammar. A course designed for students seeking to refine their technical skills, especially in the written language. Prerequisite: Completion of a minimum three hours of Spanish at or above the 3000-level.

SPA 4123. (WI) Survey of Spanish American Literature I. A survey of major works from the period of discovery to the Mexican Revolution. Prerequisite: SPA 2043 or equivalent.

SPA 4133. (WI) Survey of Spanish American Literature II. A survey of major works from the Mexican Revolution to the present. Prerequisite: SPA 2043 or equivalent.

SPA 4513. (WI) Survey of Spanish Literature I. A survey of major works from the beginning through the seventeenth century. Prerequisite: SPA 2043 or equivalent.

SPA 4523. (WI) Survey of Spanish Literature II. A survey of major works from the eighteenth century to the present. Prerequisite: SPA 2043 or equivalent.

SPA 4543. Spanish Linguistics. Advanced study of the pronunciation, word formation, and sentence structure of Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 4553. Special Topics. A course focusing on various genres, authors, and literary works in Spanish. Course content varies, but students may expect to read, discuss, and write about prose (both fiction and non-fiction), poetry, and/or drama in Spanish. Prerequisite: SPA 2033 or equivalent.

SPA 4563. Independent Study Abroad. Advanced study of Spanish and its culture(s) in a Spanish-speaking nation. Prerequisite: SPA 2033 or equivalent. Repeatable for up to twelve credit hours.

SPA 4873. Special Methods. Special Methods in the teaching of foreign language. Prerequisite: SPA 2033. Does not count toward the Spanish major or minor. Cross-listed as FRE 4873 and GER 4873.

PHILOSOPHY

The Philosophy Minor

The 15-hour minor in Philosophy consists of a core of required courses and a set of electives.

Core (9 hours), one course (3 hours) from each of the following four sections:

Introductory Component.....	3
Either PHI 2013 Introduction to Philosophy or	
PHI 2083 Honors Intro	
Historical Component.....	3
Either PHI 4043 Ancient Philosophy or	
PHI 4053 Modern Philosophy or	
PHI 4073 20 th Century Philosophy	
Logic Component.....	3
Either PHI 2133 Logic and Argument or	
ENG 2133 Rhetoric and Argument or	
MTH 2283 Discrete Mathematics	

Electives (6 hours)

Choose 2 from the following:	6
PHI 4003 Special Topics	
PHI 4043 Ancient Philosophy	
PHI 4053 Modern Philosophy	
PHI 4073 20 th Century Philosophy	
PHI 3023 Religions of the World	
PHI 3063 Independent Study	
PHI 3113 Ethics	
HIS4713/PSC3073 Social and Political Thought	
COM 3113/5113 Rhetorical Theory	
ENG 4643 Rhetoric and Composition	
ENG 4663 Introduction to Linguistics	
ENG 2133 Rhetoric and Argument	
PHI 2133 Logic and Argument	
MTH 2283 Discrete Mathematics I	

Total hours required for minor in Philosophy.....15

Courses in Philosophy

The philosophy curriculum is designed to provide students with the opportunities to develop the ability to think logically and critically, to speak and write effectively, to appreciate the complexity and diversity of world cultures, to understand the physical universe, and to participate as concerned, intelligent citizens in the discipline and in the wider world. The professional mission of the department in philosophy is to help students develop the ability to see the interconnectedness of all of the academic disciplines, to problem-solve in creative and interdisciplinary ways, and to acquire the skills to succeed in graduate work in philosophy and other disciplines, as students of law, or professionals in medicine, politics, education, and business.

PHI 2013 (PHIL1103). Introduction to Philosophy. The study of fundamental philosophical issues, such as the character of reality, the limits of human knowledge, and requirements for a good life. The focus will be on understanding and critically evaluating traditional and contemporary philosophical positions through study of the works of major philosophers, using philosophical methods of argument. Prerequisite: ENG 1473 or ENG 1803 with a C or better.

PHI 2083. Introduction to Philosophy-Honors. An exploration of some fundamental problems of human life and its meaning. Critical thinking about the nature of human knowledge and belief, the character of ultimate reality, and the status of values and the shape of moral life will be stressed. Enrollment limited to honors students. Prerequisite: ENG 1803 with a C or better and Honors standing.

PHI 2133. Logic and Argument. An introduction to symbolic logic. Along with discussion of propositional logic, natural deduction, truth tables and truth-trees, topics discussed may include one or more of the following: predicate logic, modal logic, non-classical logic, and / or meta-theory. Issues in the philosophy of logic will be discussed throughout.

PHI 3023. Religions of the World. This course is a hybrid. On the one hand, it is designed to familiarize students with the wide variety of religious traditions that populate the world. Some of the material will be very familiar to some and completely foreign to others; some will likely be completely new. On the other hand, it is a philosophy course. The central topics in the philosophy of religion concern the nature of the divine, the nature of humanity, the Problem of Evil, cosmogony and cosmology, fundamentalism, tolerance, and ethics. In an increasingly globally integrated world, the questions raised by comparative religion and the coexistence of religions making rival claims have become inescapable. We will treat both the variety of religions and their rather diverse responses to these and other philosophical questions. This course satisfies the Non-Western general education requirement.

PHI 3063. Independent Study.

***PHI 3113. (WI) Ethics.** An introduction to the development of Western philosophical ethical thought. This course will critically evaluate major ethical views. Topics may include the relationship between individual responsibility and social responsibility, the good life, or issues in applied ethics. Prerequisite: ENG 1473 or ENG 1803 with a C or better.

***PHI 4003, 5003. (WI) Special Topics.** This course focuses on various topics of philosophical importance. Examples of such topics include Philosophy of Science and Asian Philosophy as well as courses on Metaphysics and Epistemology more generally. Course content varies, so students may take this course twice for a total of six hours of credit, but only when the topics are different.

***PHI 4043, 5043. (WI) Ancient Philosophy.** Critical study of the early Western philosophers, primarily from the pre-Socratics through Plato and Aristotle. May include brief introduction to major Hellenistic philosophies such as Epicureanism, Stoicism, and Skepticism. This course satisfies the Capstone requirement for the Bachelor of General Studies degree.

***PHI 4053, 5053. (WI) Modern Philosophy.** Critical study of representative work from major philosophers of the 17th and 18th centuries, most notably Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and Kant. This course satisfies the Capstone requirement for the Bachelor of General Studies degree.

***PHI 4073, 5073. (WI) 20th Century Philosophy.** Critical study of the major developments in analytic philosophy through the 20th century (e.g., work by philosophers such as Russell, Kripke, and Quine). This course satisfies the Capstone requirement for the Bachelor of General Studies degree.

***Writing Across the Curriculum courses.**

HUMANITIES

HUM 3023. Topics in Humanities: International Experience.

HUM 2153. Introduction to Women’s and Gender Studies.

MATHEMATICS, COMPUTER SCIENCE, & STATISTICS

Dr. Carolyn Eoff (Chair), Mr. Jim Harper (Computer Science Coordinator), Mr. Christian-Carpenter, Dr. Coventry, Dr. Durand (Emeritus), Mr. Greene, Dr. Jackson, Ms. Leach, Dr. Lloyd, Ms. Morado, Dr. Moyo, Mr. Schoultz, Dr. Worth, Ms. Wright

Mathematics

Mission Statement:

The mission of the Bachelor of Science program in mathematics is to impart the knowledge, practice, and communication of mathematics to our students.

Requirements for the Bachelor of Science Degree in Mathematics

The Department of Mathematics and Computer Science offers three programs of study leading to a baccalaureate degree in mathematics: pure mathematics, teacher licensure, and statistics. The Department also offers minors in mathematics and statistics. Courses in mathematics and statistics are designed to meet the needs and interests of students who plan to teach mathematics in elementary, middle and secondary schools, to give students a strong foundation for graduate study, and to prepare students for employment in business and industry. Mathematics and statistics courses are designed to provide cultural benefits to all students by improving reasoning and problem-solving skills, as well as providing the necessary mathematical foundation for students in business, pre-engineering, and science. Our programs have been developed using guidelines from the Mathematical Association of America, the National Council of Teachers of Mathematics, and the American Statistical Association.

Candidates for this degree must meet all academic requirements stated in the catalog under which they were admitted to the University, or a later catalog. In addition to the courses listed below for a Bachelor of Science degree in Mathematics, all students must complete the Liberal Arts Core requirements as specified by the University. Note that the courses specified below for mathematics and science can be counted as meeting the Liberal Arts Core requirements for courses in their respective areas. To take any course in mathematics, computer science, or statistics listing a prerequisite, the prerequisite must be passed with a grade of C or better, or the student must have departmental approval. Students must have a grade of C or better in all courses in major and minor fields and also in the courses listed as “additional requirements.”

Pure Mathematics Program of Study

Mathematics Core	Hours
MTH 1295	Calculus I.....5
MTH 1261	Introduction to Math Computing.....1

MTH 2045	Calculus II.....	5
MTH 2283	Discrete Mathematics I	3
MTH 3103	Calculus III.....	3
MTH 4133	Algebraic Structures I	3
MTH 3163	Probability and Statistics.....	3
MTH 3113	Linear Algebra	3
MTH 4903	Capstone Course-Mathematics.....	3
	Junior-Senior MTH/STA or STA 2323	12

Additional Requirements

CSC 1104	Foundations of Computer Science I
CHM 1014/1024	University Chemistry I and II
PHY 2234/2244	University Physics I and II

Teacher Licensure Program of Study

Mathematics Core		Hours
MTH 1295	Calculus I	5
MTH 1261	Introduction to Math Computing	1
MTH 2045	Calculus II.....	5
STA 2323	Statistical Methods.....	3
MTH 2283	Discrete Mathematics I	3
MTH 3503	Discrete Mathematics II	3
MTH 3023	Systems of Geometry I.....	3
MTH 3103	Calculus III.....	3
MTH 3163	Probability and Statistics I	3
MTH 3383	Math for Secondary Teachers	3
MTH 3113	Linear Algebra	3
MTH 4133	Algebraic Structures I	3
MTH 4893	Special Methods - Mathematics	3
MTH 4903	Capstone Course - Mathematics.....	3

Additional Requirements

CSC 1104	Foundations of Computer Science I
	Professional Education Curriculum for 7-12 teachers.

**Students in the 7-12 mathematics teacher licensure program do not have to complete a minor.*

Statistics Program of Study

Mathematics Core		Hours
MTH 1295	Calculus I	5
MTH 1261	Intro to Math Computing	1
MTH 2045	Calculus II.....	5
STA 2323	Statistical Methods.....	3
MTH 2283	Discrete Mathematics I	3
MTH 3103	Calculus III.....	3
MTH 3113	Linear Algebra	3

MTH 3163	Probability and Statistics I.....	3
MTH 4903	Capstone Course - Mathematics.....	3
	Junior-Senior STA electives	6
	Statistics electives	6

Statistics electives for this track cannot include courses already required for the core courses in the program of study.

Additional Requirements

CSC 1104	Foundations of Computer Science I
CHM 1014/1024	University Chemistry I and II
PHY 2234/2244	University Physics I and II

Statistics Electives

CSC 1104	Foundations of Computer Science I.....	4
CSC 1114	Foundations of Computer Science II.....	4
CSC 2203	Data Structures.....	3
CSC 3133	Introduction to Database Theory.....	3
CSC 3223	Algorithm Analysis.....	3
CSC 4213	Simulation Theory.....	3
GBU 3133	Business Statistics.....	3
MTH 1295	Calculus I.....	5
MTH 2045	Calculus II.....	5
MTH 2283	Discrete Mathematics I.....	3
MTH 3103	Calculus III.....	3
MTH 3113	Linear Algebra (WI).....	3
MTH 3503	Discrete Mathematics II.....	3
MTH 4123	Differential Equations.....	3
NSG 3603	Healthcare Research for Evidence-Based Practice (WI).....	3
PSY 4343	Advanced Statistics	3
SOC 4213	Research Methods.....	3
STA 3013	Applied Regression Analysis	3
STA 3163	Probability and Statistics I.....	3
STA 4023	Design and Analysis of Experiments	3
STA 4033	Distribution-Free Statistical Methods	3
STA 4043	Statistical Analysis of Time Series.....	3
STA 4433	Probability and Statistics II.....	3

Statistics Minor Requirements - 18 Hours (*minimum*)

The minor in statistics requires STA 2323 (Statistical Methods) and five other courses from the list of Statistics Electives. Students in the pure mathematics track can minor in statistics, but no elective can apply to both the major and the minor. At least two of the electives must have a STA prefix.

Mathematics Minor Requirements - 17 Hours (*minimum*)

The minor in mathematics requires 17 hours of MTH or STA courses at or above Calculus I (MTH1295); this can include MTH1261 if taken with MTH1295. At least one three credit MTH or STA course at the junior or senior level is required. Mathematics courses specifically designed for elementary or middle-level education will not be counted towards a minor in mathematics. For students who

wish to minor in mathematics with the goal of adding mathematics as a second area of licensure, the following program of study is recommended:

MTH 1295	Calculus I
MTH 1261	Introduction to Math Computing
MTH 2323	Statistical Methods
MTH 2283	Discrete Mathematics I
MTH 3383	Math for Secondary Education
MTH 4393	Special Methods- Mathematics

Recommended in addition to the minimal minor requirements:

MTH 2045	Calculus II
MTH 3023	Systems of Geometry I

Middle School Mathematics

The program and degree for Middle Level Math/Science Licensure are through Teachers College, Henderson. However, the following mathematics courses required for this program are taught in the Department of Mathematics, Computer Science, and Statistics.

MTH 1053	Number Operations & Number Sense
MTH 1213	Algebra for Elementary & Middle Grades
MTH 2483	Geometry 1 for Elementary & Middle Grades
MTH 2543	Data Analysis, Statistics and Probability for the Elementary and Middle Grades
MTH 3523	Discrete Math for Middle Grades
MTH 3553	Foundations of Calculus for Middle Grades
MTH 4563	Math Modeling and Applications for Middle Grades

Courses in Mathematics

MTH 0003. Elementary Algebra. This course is designed for students who desire or need a stronger understanding of the numeration system and how to operate within that system. It is designed to enhance students' understanding of algebraic expressions and equations. Students will analyze functions using graphical and algebraic techniques. Students with a mathematics ACT score below 16 (or equivalent score from admission exams approved by HSU) are required to complete the course with a grade of C or better before enrolling in MTH 0013, MTH 1033 or MTH 1083. This course cannot be used for degree requirements.

MTH 0013. Intermediate Algebra. This course is designed to strengthen basic algebraic manipulation skills. The course develops the characteristics of linear and quadratic functions to solve equations, systems of equations and inequalities. Prerequisite: MTH 0003 (with a grade of C or better), or a mathematics ACT score of at least 16 (or equivalent score from an admission exam approved by HSU). Course cannot be used for degree requirements.

MTH 1033 (MATH1003). Mathematics for Liberal Arts. A course designed to meet the general education needs of students majoring in programs that do not require college algebra or more advanced courses. This course consists of units dealing with logic, proportional reasoning, the mathematics of finance, exponential growth and decay, geometry (plane and solid), voting theory, applications of math-

ematics to music and art, and probability and statistics. Prerequisite: MTH 0003 (with a grade of C or better), or a mathematics ACT score of at least 19 (or equivalent score from an admission exam approved by HSU).

MTH 1053. Number Operations and Number Sense. This is the entry level course for P-8 education majors. Numeration systems from natural numbers through real numbers will be covered. The operations and properties with applications within each system will be developed as appropriate to the P-8 teacher. Prerequisite: MTH 0013 (with a grade of C or better), or a mathematics ACT score of at least 19 (or equivalent math score from an admission exam approved by HSU).

MTH 1083 (MATH1003). Mathematics through Practical Applications. This is a course designed to meet the general education needs of students majoring in programs that do not require college algebra or more advanced courses. Topics include percentages, calculating and using statistics, unit conversions, mathematical modeling, physics of motion, probability, geometry, estimation, data collection and other applications to everyday life. Examples will come from various areas chosen by the instructor such as sports, music, art, physics, acoustics, etc. Prerequisite: MTH 0003 (with a grade of C or better), or a mathematics ACT score of at least 19 (or equivalent score from an admission exam approved by HSU).

MTH 1213. Algebra for Elementary and Middle Grades. A course designed to meet the needs of students preparing for elementary and/or middle school licensure. Topics include: linear and non-linear equations, linear inequalities; inverse, polynomial, rational, exponential and logarithmic functions. Concepts will be developed using appropriate manipulatives and technology. Prerequisite: MTH 0013 (with a grade of C or better), or a mathematics ACT score of at least 19 (or equivalent math score from an admission exam approved by HSU). An ACT math score of 22 or above is recommended.

MTH 1243 (MATH1103). College Algebra. A course designed to meet the general education needs of students in business, sciences, and other programs outside of mathematics. Topics include: linear, non-linear, inverse, polynomial, rational, exponential and logarithmic functions; systems of linear equations, linear and quadratic inequalities. Problem-solving techniques will be discussed with and without the use of technology. Prerequisite: MTH 0013 (with a grade of C or better), or a mathematics ACT score of at least 19 (or equivalent math score from an admission exam approved by HSU). An ACT math score of 22 or above is recommended.

MTH 1253 (MATH1203). Plane Trigonometry. Topics to include angular measurement, trigonometric functions, identities, graphing, Law of Sines, Law of Cosines, Heron's formula, polar coordinates, complex numbers, vectors, and parametric equations. Prerequisite or co-requisite: MTH 1243 or MTH 1273.

MTH 1261. Introduction to Mathematical Computing. This course serves as an introduction to mathematical computing with computer algebra software, geometry software and spreadsheets. Prerequisites: Same as for MTH 1295. Co-requisite: MTH 1295.

MTH1273. Precalculus Mathematics. This course is designed to prepare students for MTH 1295. Course includes a study of linear and non-linear equations, systems of equations, and inequalities, an introduction to matrices, sequences and series, as well as conics. Prerequisite: Two units of high school algebra. An ACT

math score of 25 or above is strongly recommended.

MTH 1295 (MATH2405). Calculus I. Topics include limits, derivatives, and integrals of algebraic and transcendental functions. Theory, computation and applications are emphasized. Prerequisites: MTH 1253, MTH 1273; or consent of the department. Corequisite: MTH 1261.

MTH 2045. Calculus II (MATH2505). This course is a continuation of MTH 1295-Calculus I. Additional topics will include integration techniques, improper integrals, infinite series, parametric equations and polar coordinates. Theory, computation, and applications are emphasized. Prerequisite: MTH 1295 or consent of the department.

MTH 2283. Discrete Mathematics I. A study of mathematical structures that are fundamentally discrete rather than continuous in nature. The course includes a study of logic, mathematical writing and proofs, an introduction to set theory, relations, and counting methods. Prerequisites: MTH 1243 or MTH 1273; MTH 1295 recommended.

MTH 2483. Geometry I for the Elementary and Middle Grades. Geometry concepts appropriate for P-8 grade levels will be developed. Topics will include appropriate geometric terminology, lines, angles, plane curves, polygons and other plane regions, polyhedra and other space figures, measure, constructions, transformations, congruence, similarity and geometric reasoning. Prerequisite: MTH 1053 with a C or better and either MTH 1213 or MTH 1243 with a C or better.

MTH 2543. Data Analysis, Statistics and Probability for the Elementary and Middle Grades. Concepts of data analysis, statistics and probability appropriate for P-8 grade levels will be developed. Topics to be included are: univariate and bivariate graphical techniques, measures of center and dispersion, normal distribution, discrete probability with applications, geometric probability with applications, and simulation. Prerequisites: MTH 1053 with a C or better and either MTH 1213 or MTH 1243 with a C or better.

MTH 3023. (WI) Systems of Geometry I. The course introduces the concept of an axiomatic mathematical system through the development of neutral and Euclidean geometries with an emphasis on valid arguments. Non-Euclidean geometry will also be investigated. Prerequisites: MTH 1295 and MTH 2283.

MTH 3063. Advanced Algebra for the Elementary and Middle Grades. The course reviews the basic concepts of algebra, use of manipulatives, and the use of technology. Prerequisite: MTH 2483.

MTH 3073. Geometry II for the Middle Grades (4-8). An informal study of the concepts of position, shape, size, construction with straightedge and compass, structure of geometry, and measurement. Prerequisite: MTH 2483.

MTH 3093, 5093. Systems of Geometry II. Continuation of MTH 3023. Prerequisite: MTH 3023.

MTH 3103. Calculus III. The course examines calculus in 2 and 3 dimensions. Topics include: vectors, vector functions, partial differentiation, multiple integration, Lagrange multipliers, and vector calculus. Prerequisite: MTH 2045.

MTH 3113. (WI) Linear Algebra. Topics include: vector spaces, linear transformations and matrices, sets of linear transformations and matrices, eigenvalues and eigenvectors of linear transformations, and similar matrices. Prerequisites: MTH 1295 and MTH 2283.

MTH 3163. Probability and Statistics I. The course deals with the mathematical theory of probability and application of this theory to statistical inference. Topics include descriptive statistics, independence, conditional probability, expectation, variance, discrete and continuous distributions, moment generating functions, and the central limit theorem. Prerequisites: MTH 2283 and MTH 2045.

MTH 3383. Mathematics for Secondary Teachers. This course develops problem-solving strategies and proofs in a variety of mathematical contexts, emphasizing the connections between algebra and geometry. The historical development of mathematics and how it affects mathematics today will be explored. Prerequisites: MTH 1243 or MTH 1273, MTH 1253, MTH 2283.

MTH 3503. Discrete Mathematics II. A continuation of MTH 2283-Discrete Mathematics I. Topics include number theory, probability, algebraic functions and algorithms, graphs and trees, and finite automata. Prerequisite: MTH 2283.

MTH 3523. Discrete Math for Middle Grades. Basic logic, set theory, elementary number theory, counting techniques, patterns, sequences, deductive and inductive mathematical proofs and functions as appropriate for middle school mathematics will be developed. Technology will be used appropriately. Prerequisite: MTH 2483.

MTH 3553. Foundations of Calculus and Technology for the Middle Grades. An intuitive understanding of limits, derivatives with applications, and integration with applications, as appropriate for middle level mathematics teachers. Appropriate use of technology will be incorporated. Prerequisite: MTH 2483.

MTH 4123, 5123. Differential Equations. Analytic, approximate, and graphical solutions to ordinary differential equations, the theory of the existence and uniqueness of solutions, systems of linear and nonlinear ODE'S, and applications of these ideas to the physical sciences. Prerequisite: MTH 2045.

MTH 4133, 5133. (WI) Algebraic Structures I. An introduction to the fundamental algebraic structures: groups, rings and fields. Emphasis is placed on developing mathematical sophistication and rigor of proof. Prerequisite: MTH 1295 and MTH 2283.

MTH 4143, 5143. Algebraic Structures II. Continuation of MTH 4133; advanced group theory and Galois theory. Prerequisite: MTH 4133.

MTH 4153, 5153. History of Mathematics. This course is an overview of the development of elementary mathematics from primitive counting to modern accomplishments in algebra, geometry, and calculus. Prerequisite: MTH 2045.

MTH 4223, 5223. Introduction to Topology. An introduction to topological spaces, homeomorphism, compactness, separations, and connectedness. Prerequisite: MTH 4133.

MTH 4233, 5233. Advanced Calculus I. A rigorous development of calculus of

one and of several variables. Topics include sequences, series, continuous and differentiable functions, integration theory, and series of functions. Prerequisites: MTH 2045, 4133.

MTH 4303, 5303. Advanced Calculus II. Continuation of MTH 4233. Prerequisite: MTH 4233.

MTH 4331-3, 5331-3. Independent Study. Independent study in an area of mathematics selected by the student and faculty advisor. Credit will vary from one (1) to three (3) hours. May be repeated. Prerequisite: consent of faculty advisor.

MTH 4373, 5373. Numerical Analysis. An introduction to numerical methods of problem solving to include error analysis, approximate solutions to equations of one variable, interpolation and polynomial approximation, numerical differentiation and integration, numerical solutions of differential equations, linear systems, and approximation of functions. Prerequisites: MTH 2045 and CSC 1104.

MTH 4433, 5433. Probability and Statistics II. The mathematical theory of probability and application of this theory to statistical inference. Topics include multivariable distributions, confidence intervals, tests of statistical hypotheses, linear models, 1-way analysis of variance, and quality control through statistical methods. Prerequisite: MTH 3163.

MTH 4473, 5473. Simulation Theory. See CSC 4213.

MTH 4491-3, 5491-3. Special Topics in Mathematics Education. A broad range of topics in mathematics content that will include, but not be limited to, algebra, geometry, probability, statistics and data representation, and the use of technology. Topics will be addressed to middle school and/or high school teachers. Students will be able to repeat the course for credit when different topics are being presented than when the student previously took the class. A designation of the topics covered will be recorded on the transcript. Prerequisites: Secondary - MTH 1243, MTH 1295, or consent of the instructor. Middle School - MTH 1053, MTH 2483 or departmental consent.

MTH 4563. Math Modeling and Applications for the Middle Grades. This course will serve as the capstone course for students pursuing licensure in Middle School Mathematics and Science. Connections between other mathematics courses in the program will be broadened and explored using appropriate materials through laboratory experiences. The use of technology, including the Internet as an instructional source, as is appropriate for the middle grades will be incorporated to enhance problem solving, communication and reasoning skills. Prerequisite: MTH 3553 or departmental consent.

MTH 4893. (WI) Special Methods/Math. This course emphasizes the strategies of teaching mathematics, the planning for teaching mathematics, and mathematical assessment programs. Topics include developing objectives, creating lessons, building units, designing an assessment plan, and appropriate use of manipulatives and technology. Prerequisite: MTH 3383 or departmental consent.

MTH 4903. (WI) Capstone Course - Mathematics. The course consists of a survey of a variety of topics in upper level mathematics, including, but not limited to, courses in the students' undergraduate program. It considers various topics in mathematics history and includes a student research project under the direction of a

member of the department. The project will be consistent with the student's degree track (BS, BS-licensure, or BS-applied mathematics). The student will present the research at a departmental colloquium or an appropriate conference. The student will also take a departmentally designated exit exam. Prerequisites: Departmental consent or completion of at least three of the following: MTH 4133, MTH 3163, MTH 3113, MTH 4123, MTH 4233.

MTH 4961-3, 5961-3. Special Topics in Mathematics. Topics selected from the areas of analysis, algebra, geometry, topology, logic, statistics, or other areas according to student needs and the instructor's specialization. The student's transcript will indicate the specific topic covered. Because course content will vary, students may repeat the course for a maximum of six hours credit. Prerequisite: Departmental consent.

Courses in Statistics

STA 2323. Statistical Methods. Topics include descriptive statistics, correlation and regression, introduction to probability, basic probability distributions, confidence intervals, hypothesis testing. Prerequisites: MTH 1243 or MTH 1273.

STA 4013. Applied Regression Analysis. Topics include simple linear regression, assessing conditions, inference, variable transformations, multiple linear regression, choosing optimal predictors, identifying unusual points, associated special topics, logistic regression. Prerequisite: STA 2323.

STA 4023. Design and Analysis of Experiments. Topics include principles, construction and analysis of experimental designs. Completely randomized, randomized complete block, Latin squares, Graeco Latin squares, factorial, and nested designs. Fixed and random effects, expected mean squares, multiple comparisons, and analysis of covariance. Prerequisite: STA 2323.

STA 4033. Distribution-Free Statistical Methods. Topics include comparison of classical and distribution-free tests of hypotheses, test assumptions, efficiency and related characteristics, Fisher's method of randomization, ranking tests, tests based on the binomial distribution. Prerequisite: STA 2323.

STA 3163. Probability and Statistics I. See MTH 3163.

STA 4043. Statistical Analysis of Time Series. Topics include time series components, descriptive smoothing methods, regression models for time series data, forecasting via exponential smoothing, evaluation of forecasts, autocorrelation, ARIMA models and Box-Jenkins methods, combining forecasts, frequency domain analysis, filtering. Prerequisite: STA 3013.

STA 4433. Probability and Statistics II. See MTH 4433.

Computer Science

The Department of Mathematics and Computer Science offers programs of study leading to a Bachelor of Science degree in computer science and a minor in computer science. The program is based upon guidelines as specified in the latest report by The Joint Task Force on Computing Curricula of the IEEE Computer Society and The Association for Computing Machinery. The department regularly reviews and adapts the program to ensure that it continues to satisfy these guide-

lines, but also meets the needs of the students and the organizations of which they will be part. By staying abreast of changes in the industry, the faculty is able to incorporate new technologies and ideas into the program and to provide students with a solid foundation on which they can build during their careers. Throughout the program, the theoretical concepts of computer science as well as the practical issues of implementation are stressed. Emphasis is placed on the "complete" problem-solving process.

The mission of the computer science program is to provide its majors with the expertise to become leaders and innovators in information technology and to produce graduates that will be successful professionals, be committed to lifelong learning, and make positive contributions to society.

Successful computer science graduates find themselves faced with a variety of career paths. These include application/system programmers, systems analysts, software engineers, database management administrators, and network administrators to name a few. Students receive a solid foundation preparing them for these choices through the computer science core courses. This core consists of courses in programming concepts, data structures, algorithms, software engineering, database management systems, architecture, operating systems, formal languages and programming languages.

A student's knowledge of the computing discipline is also supplemented with additional elective course work. This can include courses in communication and networking, interfacing and machine control, machine intelligence, visual programming, graphics, electronics, compiler theory, and client/server programming among others. Other requirements for the degree include a number of mathematics and science courses as well as the liberal arts core. Additional hours are also required in the areas of written and verbal communication. Collectively, these courses provide a computer science graduate with the necessary foundation to either enter the job market or pursue an advanced degree.

Requirements for a Bachelor of Science Degree in Computer Science

To obtain a Bachelor of Science degree in computer science students must complete at least 120 semester hours of college-level academic work. Students who enter the program adequately prepared can complete degree requirements over the course of eight semesters. Others, however, may require additional time. This is usually the case for students needing preparatory courses or for those taking course loads lighter than that listed here. Consultation with academic advisors assists students in preparing a plan of study that will enable the student to obtain the degree within the confines of the academic requirements as well as their own personal objectives.

In addition to the courses listed below for a Bachelor of Science degree in Computer Science, all students must complete the Liberal Arts Core requirements as specified by the University. Note that the courses specified below for mathematics and science can be counted as meeting the Liberal Arts Core requirements for courses in their respective areas. Students completing the requirements for the

Bachelor of Science degree in Computer Science will have earned enough hours to obtain a minor in mathematics and will not be required to complete an additional minor.

Computer Science Core

CSC	1104	Foundations of Computer Science I.....	4
CSC	1114	Foundations of Computer Science II.....	4
CSC	2173	Assembler Language.....	3
CSC	2203	Data Structures.....	3
CSC	3223	Algorithm Analysis.....	3
CSC	3443	Computer Organization.....	3
CSC	3453	Programming Languages.....	3
CSC	3193	Operating Systems.....	3
CSC	3133	Database Theory.....	3
CSC	3463	Software Engineering.....	3
CSC	3433	Computational Complexity.....	3
CSC	3472	Technology and Society.....	2
CSC	4483	Capstone.....	3

Computer Science Electives

Jr/Sr Computer Science Courses.....	9
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Mathematics

MTH	2283	Discrete Mathematics I.....	3
MTH	1295	Calculus I.....	5
MTH	2045	Calculus II.....	5
MTH	3163	Probability and Statistics I*.....	3
		Jr/Sr Mathematics.....	3

*May substitute STA 2323 – Statistical Methods

Science

CHM	1014/1024	University Chemistry I/II or	8
PHY	2034/2044	General Physics I/II or	
PHY	2234/2244	University Physics I/II	

Other

ENG	3613	Technical Writing.....	3
COM	3813	Business and Professional Communication.....	3

Listed below is a suggested curriculum for obtaining the Bachelor of Science degree in Computer Science. Of particular importance in the listing is the sequence of computer science and mathematics courses. Students deviating from the suggested listing should be aware of course prerequisites and that all courses are not conducted each semester. Consultation with an academic advisor in computer science is strongly recommended prior to making changes to the suggested course sequence.

Freshman Year (First Semester)

CSC	1104	Foundations of Computer Science I.....	4
CSC	1104L	Foundations of Computer Science I Lab.....	0
GEN	1031	Henderson Seminar.....	1
		English.....	3
		Physical Well Being.....	1
		Social Sciences.....	3
		Elective.....	3
		Total Hours.....	15

Freshman Year (Second Semester)

CSC	1114	Foundations of Computer Science II.....	4
CSC	1114L	Foundations of Computer Science II Lab.....	0
COM	2013	Oral Communications	3
		English	3
		Social Sciences.....	3
		Fine Arts and Humanities.....	3
		Total Hours.....	16

Sophomore Year (First Semester)

CSC	2173	Assembler Language.....	3
CSC	2203	Data Structures	3
MTH	1261	Mathematical Computing	1
MTH	1295	Calculus I.....	5
		Fine Arts and Humanities.....	3
		Total Hours.....	15

Sophomore Year (Second Semester)

CSC	3223	Algorithm Analysis.....	3
CSC	3443	Computer Organization.....	3
MTH	2045	Calculus II.....	5
		Biology or Life Science	4
		Total Hours.....	15

Junior Year (First Semester)

CSC	3193	Operating Systems	3
CSC	3463	Software Engineering.....	3
MTH	2283	Discrete Mathematics I	3
ENG	3613	Technical Writing	3
		Social Sciences.....	3
		Total Hours.....	15

Junior Year (Second Semester)

CSC	3133	Database Theory	3
CSC	3453	Programming Languages	3
CSC		Jr/Sr Computer Science.....	3
STA	2323	Statistical Methods.....	3
		Non-Western Culture	3
		Total Hours.....	15

Senior Year (First Semester)

CSC	3433	Computational Complexity.....	3
CSC	3472	Technology and Society.....	2
CSC		Jr/Sr Computer Science.....	3
MTH		Jr/Sr Mathematics	3
		Science Sequence I.....	4
		Total Hours.....	15

Senior Year (Second Semester)

CSC	4483	Capstone.....	3
CSC		Jr/Sr Computer Science.....	3
CSC	3813	Business and Prof. Comm.....	3
		Elective	1
		Science Sequence II.....	4
		Total Hours.....	14

Overall Total Hours 120

Requirements for a Minor in Computer Science

In addition to the Bachelor of Science in Computer Science degree, the Department also offers a minor in computer science. The minor is structured to provide the student with a basic foundation of computer programming and supplies exposure to more advanced computing concepts through elective courses. Students seeking a minor in computer science are encouraged to consult with the academic advisors in the Department to customize the program to satisfy their needs.

Computer Science Core

CSC	1104	Foundations of Computer Science I.....	4
CSC	1114	Foundations of Computer Science II.....	4
CSC	2203	Data Structures.....	3

Computer Science Electives

		Jr/Sr Computer Science	6
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Mathematics

MTH	2283	Discrete Mathematics I	3
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Courses in Computer Science

CSC 1104. Foundations of Computer Science I. A study of programming, concepts and techniques. Topics included are: binary representation of numbers and characters, data types of constants and variables, arithmetic expressions and the hierarchy of arithmetic operations, assignment statements, logical expressions, branching, loops, arrays, sub-programs, input/output, linear and binary searches, and basic sorts. Programming style is introduced through pseudocode. Meets for three-hours lecture and two-hours laboratory each week. Prerequisite: MTH 0013 – Intermediate Algebra, with a grade of C or better; or required math test score. An ACT math score of 21 or above is recommended.

CSC 1114. Foundations of Computer Science II. A continuation of Foundations of Computer Science I. Good programming style is stressed. Topics included are: documentation of programs, step-wise refinement, structuring programs, top-down design of programs, internal sorts, and linear data structures. Meets for three-hours lecture and two-hours laboratory each week. Prerequisite: CSC 1104 – Foundations of Computer Science I.

CSC 2003 (CPSI1003). Introduction to Computers. A computer literacy course introducing the novice to the use of the computer. Topics included are:

problems having practical computer solutions, available software, computer terminology. Examples from business, education, political science and the social sciences are included. This does not count toward a computer science major or minor.

CSC 2163. Computer Applications. A theoretical and practical study of current computer application software. Applications covered will vary by semester. May be repeated with change in content. This does not count toward a computer science major or minor.

CSC 2173. Assembler Language. A study of the basic concepts of computer systems and an introduction to an assembler language. Topics included are: computer structure and machine language, assembler language, addressing techniques, macros, and I/O routines. Prerequisite: CSC 1104 – Foundations of Computer Science I.

CSC 2203. Data Structures. The objective of this course is to apply analysis and design techniques to non-numeric algorithms that act on data structures. Topics will include linked lists, queues, stacks, trees, AVL trees, and string handling algorithms. Prerequisite: CSC 1114 – Foundations of Computer Science II.

CSC 3133. Introduction to Database Theory. An introduction to database management systems. Topics covered include: structures, indexing, E-R model, relational model, relational algebra and calculus, query languages, SQL, constraints and normalizations, transaction management, integrity and security issues. Prerequisite: CSC 2203 – Data Structures.

CSC 3144. Digital Electronics. Topics covered include binary and hex arithmetic, boolean algebra, logic gates, transistors and diodes, logic families, flip-flops, counters, power supplies, comparators, A-D, D-A converters, digital instruments. Meets for three lecture periods and a two-hour laboratory period each week. Prerequisite: PHY 2234 – University Physics I and PHY 2244 – University Physics II.

CSC 3153. Introduction to Compiler Theory. An introduction to the formal study of languages and compiler construction: Topics included are: programming language basics, finite automata and lexical analysis, grammars, top-down and bottom-up parsers, syntax-directed translation, code generation, and code optimization. Prerequisite: CSC 2173 – Assembler Language and CSC 3433 – Computational Complexity.

CSC 3193. Operating Systems. A study of the principles of operating systems and the interrelationships between operating systems and computer architecture. Topics included are: system structure, memory management, process management, and recovery procedures. Prerequisite: CSC 3443 – Computer Organization.

CSC 3223. Algorithm Analysis. An introduction to the analysis and design of algorithms, and to techniques for measuring their complexity. Prerequisites: CSC 2203 – Data Structures and MTH 1295 – Calculus I or consent of Department.

CSC 3433. Computational Complexity. A study of basic theoretical computer science concepts. Topics will include formal language theory and results, non-determinism, grammars, Turing machines, halting problem, and undecidability among others. Prerequisite: CSC 3223 – Algorithm Analysis.

CSC 3443. Computer Organization. An introductory course in computer organization and architecture. Topics included are: machine level representation

of data, memory system organization and architecture, I/O fundamentals, buses, pipelining, multiprocessing, and system performance enhancements. Prerequisite: CSC 2173 – Assembler Language.

CSC 3453. Programming Languages. Comparison of the organization and structure of procedural, object-oriented, functional, declarative, and scripting languages. Additional topics will include language translation, abstraction mechanisms, language design and semantics. Prerequisite: CSC 2203 – Data Structures.

CSC 3463. Software Engineering. A study of the methods used in the design, development, implementation, testing and maintenance of software systems. Students will utilize the team approach in the development and management of software projects and will make use of modern tools to achieve these tasks. Prerequisite: CSC 3223 – Algorithm Analysis.

CSC 3472. Technology and Society. A course that allows the student to explore and develop an understanding of the social and professional context in which computing is done. Topics included are: computing history, professional responsibilities, risks and liabilities, intellectual property, privacy, computer crime, and economic issues. Prerequisite: CSC 3463 – Software Engineering.

CSC 4184. Interfacing and Machine Control. A study of hardware interfacing components and techniques. Topics covered include: embedded controllers, communication controllers, PCBs, embedded logic, debugging strategies, interrupts, multitasking, and networking. Prerequisite: CSC 3443 – Computer Organization.

CSC 4213. Simulation Theory. A study of the fundamental principles involved in the construction of computer simulation models. Topics included are: random number generators, model construction, queuing models, and inventory models. Prerequisite: STA 2323 – Statistical Methods or MTH 3163 – Probability and Statistics I, and CSC 1114 – Foundations of Computer Science II or consent of department.

CSC 4263. Client/Server Programming. A study of the principles governing client/server programming. Topics included are: client/server model, concurrency, protocols and interfaces, issues in software design, connectionless vs. connection-oriented servers, iterative vs. concurrent servers, RPCs, and selected case studies. Prerequisite: CSC 2203 – Data Structures.

CSC 4273. Introduction to Data Communication. A study of the fundamental principles involved in data communication and a general overview of various data communication systems. Topics included are baud rates, modem controls, protocols, error detection and correction, communication line characteristics, synchronous and asynchronous communication, application interface software, network systems, analysis of communication systems. Prerequisite: CSC 3443 – Computer Organization.

CSC 4283. Introduction to Networking. A study of Local Area Network Standards and an implementation of a LAN. Topics covered are: LAN topologies, transmission media, access methods, OSI layer implementations, NOS installation, management, print servers, network management software. Prerequisites: CSC 3443 – Computer Organization or consent of Department.

CSC 4293. Numerical Analysis. An introduction to numerical methods of

problem solving to include error analysis, interpolation procedures, differentiation, integration, solutions of non-linear and differential equations, and approximation of functions. Prerequisites: MTH 2045 – Calculus II and CSC 1104 – Foundations of Computer Science I.

CSC 4331-3. Independent Study. Independent study in an area of computer science selected by the student and faculty advisor. Credit will vary from one to three hours. May be repeated. Prerequisite: consent of Department.

CSC 4421-3. Special Topics in Computer Science. Variable content course covering current and advanced topics in computer science. May be repeated with change in content. Prerequisite: consent of Department.

CSC 4483. Computer Science Capstone. A project course requiring the computer science student to develop and implement a capstone project requiring the integration of software, hardware components, and human factors. Software engineering methodologies along with good written and verbal communications skills will be required. Program assessment tools will be administered. Prerequisites: CSC 3463 – Software Engineering, CSC 3113 – Database Theory, and CSC 3193 – Operating Systems.

CSC 4493. Artificial Intelligence. An introduction to machine intelligence. Topics covered include: AI languages, problem solving strategies, searching, knowledge representations, natural language processing, machine learning, expert systems, neural networks, and robotics. Prerequisite: CSC 3223 – Algorithm Analysis.

CSC 4503. Computer Graphics. A course that provides an introduction to basic 3D computer graphics programming techniques. Topics included are: OpenGL library, user interface design, projection and transformations, basic animation, etc. Prerequisite: CSC 3223 – Algorithm Analysis.

CSC 4513. Visual Programming. An introduction to visual programming. Topics covered include: interface design, object oriented concepts, Internet programming, data reporting, error handling, help file creation, linkages, etc. Prerequisite: CSC 3223 – Algorithm Analysis.

MUSIC

Dr. Jim Buckner, Chair; Dr. Becraft, Dr. Dimond, Dr. Etienne, Dr. Evans, Dr. Fox, Dr. Higgins, Dr. Juhn, Dr. Lipton, Ms. Molinari, Dr. Pawelski, Dr. Popp, Dr. Schroeder, Dr. Sommer, Dr. Storm, Dr. Tsao-Lim

The Department of Music offers the Bachelor of Arts degree with a Major in Music and the Bachelor of Music degree with emphases in Composition, Music Education, and Performance. The Department emphasizes a comprehensive mastery of the music curriculum, preparing students for teaching in the public schools and for graduate study leading to college level teaching and professional performance. Assessment of student achievement includes background in academic fields and performance proficiency in music. Students preparing for a career in music education are also assessed in professional teaching knowledge and skills.

Mission Statement

The Department of Music is a community of educators and artists dedicated to producing musically proficient graduates who will achieve the highest standards of teaching and performance. Serving Southwest Arkansas and surrounding regions, the department is committed to the development of students who are skilled, knowledgeable and well-prepared music educators, performers and scholars. A student centered approach is enlisted to produce students who can think critically, creatively and will influence and enrich the musical lives of the communities in which they live. Opportunities are provided for the students to study music as a liberal arts education and engage in artistic experiences. The general public will be engaged through musical performances of the highest order in a broad range of styles and genres.

Entrance Requirements

In addition to meeting the university criteria for admission, all incoming music students must audition for the appropriate music faculty and take theory, sight-singing/ear-training, and piano placement exams no later than the beginning of their first semester of enrollment. Based on these exams, students will be enrolled in: (a) Music Theory I, Sight-Singing/Ear-Training I, and Piano Class I or (b) Introduction to Music Theory. Students enrolled in this course as music majors must pass it on the first attempt; students who fail will not be allowed to continue as music majors.

BM in Performance candidates must audition and receive written approval from faculty in the appropriate applied area no later than the semester of the Sophomore Performance Assessment. BM in Composition candidates must audition and receive written approval from faculty in the appropriate applied area no later than the semester of the Sophomore Assessment.

Students transferring from other institutions are required to take proficiency/ placement exams in theory, sight-singing/ear-training, and piano. These students must pass a Sophomore Performance Assessment in order to take upper-level applied music and upper-level music courses.

Bachelor of Music

Candidates for the degree of Bachelor of Music must choose an emphasis in education, performance, or composition. Those electing the education or performance emphasis must also choose either a vocal or instrumental area of study. While it is possible to complete a music degree in 8 semesters, those electing to teach must add the professional education component to the degree in order to obtain teacher certification. This normally requires an additional semester.

With the exception of the teaching internship semester, all full-time BM degree candidates are required to be enrolled each semester in applied lessons (seven semester minimum), the appropriate major ensemble (seven semester minimum), and MUS 1080 or MUS 3080 Performance Lab (seven semester minimum).

Music-Education Emphasis

The Bachelor of Music in Education is for students who desire to teach in the public schools; the degree prepares students for teacher education licensure in the state of Arkansas. The curriculum is designed to prepare students for either Vocal or Instrumental licensure and has three distinct components:

- Instrumental
- Choral/Voice
- Choral/Keyboard

The curriculum focuses on secondary training, but also provides elementary level experiences.

Candidates for the education emphasis must choose either choral or instrumental music as an area of concentration. Upon completion of the requirements, the candidate will be certified to teach music in the chosen area of concentration in grades K-12 and grades 7-12 in the state of Arkansas. Those electing the choral area must choose as a principal subject either voice or keyboard; those electing the instrumental area must choose as a principal subject an approved band, string, or keyboard instrument. The candidate is required to present a public recital of 30 minutes duration during the senior year.

Music-Performance Emphasis

The BM in Performance is intended for students who desire to perform professionally or teach at the collegiate level; the degree emphasizes performance skills. Students in this program generally go on to graduate programs, but may also develop private studios and perform professionally.

Candidates for this emphasis must concentrate on one of the following areas of performance: keyboard, band instrument, string instrument, or voice. Each candidate is required to present a public recital of 30 minutes duration during the junior year and another public recital of 60 minutes duration during the senior year.

Music-Composition Emphasis

The BM in Composition is intended for students who desire to compose professionally or teach at the collegiate level; the degree emphasizes creative skills. Students in this program generally go on to graduate programs, but may also compose professionally.

Candidates for this emphasis must present a public recital of 30 minutes duration during the junior year, and another public recital of 60 minutes duration during the senior year. The recital must present original compositions by the student composer.

Bachelor of Arts in Music

This program is appropriate for undergraduates who wish to major in music as part of a liberal arts program irrespective of specific career aspirations. It serves individuals who seek a broad program of general education rather than intense specialization in the undergraduate years. The Bachelor of Arts in Music does not lead to teacher certification.

Scholarships

All students on music performance scholarships must maintain a minimum cumulative grade point average of 2.50 and complete a minimum of 15 credit hours each semester.

Music majors on scholarship must also participate in one small ensemble in

each student's field for a minimum of four semesters. Participation in more than three ensembles per semester must have the approval of the department chair and the student's academic advisor.

Placement and Satisfactory Academic Progress

Students will be regularly monitored for academic progress, including performance lab attendance, applied area, and general studies.

Students majoring in any music curriculum must receive a minimum grade of C in both applied study and all music courses in order to graduate. Students not receiving a minimum grade of "C" for any course may retake that course *one time*. Failure to receive a "C" or better on the second attempt will result in the student being dropped as a music major.

Sophomore Performance Assessment

At the completion of four (4) semesters of applied study as a music major, music majors must complete the Sophomore Performance Assessment. Academic progress will be reviewed by music faculty and a 15-minute jury will be performed by the student. Students may not enroll in upper-division applied music courses or MUS 3340 or MUS 4351 until this requirement is met. All BM in Education degree candidates must complete six (6) hours of upper-level applied music to graduate. All BM in Performance and BM in Composition degree candidates must complete nine (9) hours of upper-level applied music to graduate. All BA degree candidates must complete three (3) hours of upper-level applied to graduate.

Performance Laboratory (MUS 1080, 3080), a recital class comprised of university-sponsored concerts, is required of all music majors while on campus as full-time students. The student internship semester is exempted from this requirement. The grade is awarded based on attendance at a specific number of these programs per semester.

Keyboard Skills

All BM majors are required to enroll in class piano in consecutive semesters until Level IV proficiency is passed. (Proficiency assesses technique and functional keyboard skills, such as harmonization, transposition, improvisation, open-score reading, and solo performance.)

Students failing Level IV proficiency will be required to repeat MUS 2611 in the following semester.

MUS 1212. Introduction to Music Literature. Music majors who change to a non-music degree may substitute Introduction to Music Literature for the Humanities: Music general education requirement.

MUS 4363, 4373. History of Music I and II. One course may be counted in the Liberal Arts Core as the Humanities/Fine Arts requirement; the other may be counted in the Liberal Arts Core as the Core Elective.

MUS 3473. Survey of Non-Western Music is required of all music majors to fulfill the National Association of Schools of Music non-western music standards.

Additional Requirements: see catalog sections under Education and Liberal Arts Core and the departmental Student Handbook.

Major requirements for all Bachelor of Music students: Hours

MUS 1233, 1243	Music Theory I and II	6
MUS 2273, 2283	Music Theory III and IV	6
MUS 1251, 1261	Sight-Singing/Ear-Training I and II	2
MUS 2621, 2631	Sight-Singing/Ear-Training III and IV	2
MUS 1212	Introduction to Music Literature	2
MUS 1080, 3080	Performance Lab	0
MUS 3333	Form and Analysis	3
MUS 3473	Survey of Non-Western Music	3
MUS 4363, 4373	History of Music	6
MUS 4382	Twentieth Century Music	2
MUS 4313	Conducting	3
MUS 1__1, 3__1	Large Ensemble	7
MUS 1__1, 3__1	Small Ensemble	*1-4
MUS 4351	Senior Recital	1

*Instrumental and Vocal Performance majors take two semesters. Students on scholarship must complete four semesters.

Requirements for Education Emphasis: Instrumental and Choral

Instrumental Area:

APM 1__2, 3__2	Applied major	14
	Piano (until Level IV Proficiency is passed)	0-4
MUS 4432	Orchestration	2
MUS 3131	Flute and Double Reed Methods	1
MUS 3141	Single Reed Methods	1
MUS 3111	High Brass Methods	1
MUS 3121	Low Brass Methods	1
MUS 3461	Percussion Methods	1
MUS 3961	String Methods	1
MUS 2151	Voice Class	1
MUS 4752	Special Methods-Elementary Music	2
MUS 1041	Band History and Repertoire	1
MUS 3511	Advanced Instrumental Conducting	1
MUS 4732	*Special Methods: Instrumental	2
MUS 4742	Special Methods: Marching Band Techniques	2

Liberal Arts Core
Pre-Professional Courses
Internships-Clinical and Music
*Special Methods: Instrumental must be taken concurrently with Classroom Management.

Choral/Voice Area:

APM 1__2, 3__2	Applied major	14
	Piano (until Level IV Proficiency is passed)	0-4
MUS 4432	Orchestration	2
MUS 1191, 1201	Language and Diction	2
MUS 3392	Vocal Pedagogy	2
MUS 4413	Adv. Choral Conducting/Literature	3

MUS 2091	Instruments for Singers	1
MUS 4722	*Special Methods: Vocal	2
MUS 4752	Special Methods-Elementary Music	2
	Liberal Arts Core	
	Pre-Professional Courses	
	Internships-Clinical and Music	

*Special Methods: Vocal must be taken concurrently with Classroom Management

Choral/Keyboard Area:

APM 1__2, 3__2	Applied major, keyboard.....	14
APM 1__1	Applied minor, voice.....	4
MUS 4432	Orchestration.....	2
MUS 1191, 1201	Language and Diction	2
MUS 3392	Vocal Pedagogy	2
MUS 4413	Adv. Choral Conducting/Literature.....	3
MUS 2091	Instruments for Singers	1
MUS 4722	Special Methods: Vocal	2
MUS 4752	Special Methods-Elementary Music	2
	Liberal Arts Core	
	Pre-Professional Courses	
	Internships-Clinical and Music	

(Keyboard majors must take Techniques of Accompanying, Techniques of Ensemble Playing, and two semesters of Accompanying, which will fulfill the small ensemble requirement.)

Requirements for Performance (Instrumental, Vocal, and Keyboard) and Composition Emphases:

Instrumental Area:

APM 1__3, 3__3	Applied major	20
APM 1__1	Applied minor (four semesters of study).....	4
MUS 4432	Orchestration.....	2
MUS 3293	Counterpoint	3
MUS 3340	Junior Recital	0
MUS	Electives.....	7
	Liberal Arts Core	
	2 hours free electives	

Instrumental Methods Class appropriate to student's major applied instrument.

Vocal Area:

APM 1__3, 3__3	Applied major	21
APM 1__1	Applied minor (four semesters of study).....	4
MUS 1191, 1201	Language and Diction	2
MUS 3392	Vocal Pedagogy	2
MUS 3340	Junior Recital	0
	Foreign Language	6
	Liberal Arts Core	
	4 hours free electives	

Keyboard Area:

APM 1__3, 3__3	Applied major	21
APM 1__1	Applied minor (four semesters of study)*.....	4
MUS 3592	Piano Pedagogy (piano majors).....	2

MUS 3482	Organ Pedagogy (organ majors)	2
MUS 3302	Service Playing (organ majors)	2
MUS 3293	Counterpoint	3
MUS 3340	Junior Recital	0
MUS	Music Electives (Piano major)	7
MUS	Music Electives (Organ major)	5
	Liberal Arts Core	

(Keyboard majors must take Techniques of Accompanying, Techniques of Ensemble Playing, and two semesters of Accompanying, which will fulfill the small ensemble requirement.)

*Piano majors take applied organ. Organ majors take applied piano.

Composition Area:

APM 1_3, 3_3	Applied major	21
APM 1_1, 3_1	Applied minor (eight semesters of study)	8
MUS 4432	Orchestration	2
MUS 3293	Counterpoint	3
MUS 3340	Junior Recital	0
MUS	Electives	3
	Liberal Arts Core	
	3 hours free electives	

Requirements for Bachelor of Arts in Music:

Required music core (39 hours):

Applied major (eight semesters of study)	8
Class Piano (or secondary applied, if piano is major instrument)	2
Music Theory I and II	6
Music Theory III and IV	6
Sight-Singing/Ear-Training I and II	2
Sight-Singing/Ear-Training III and IV	2
Introduction to Music Literature	2
Survey of Non-Western Music	3*
Performance Lab (seven semesters of study)	0
Large Ensemble	6
Small Ensemble	1**
Capstone Experience	1

Electives:

Applied/Ensemble (In addition to those required)	4
(may take more but only 4 count towards degree)	
Academic (to be selected from the following)	8

Must choose one of these: (to meet WI requirements)

- MUS 4363-History of Music I ***
- MUS 4373-History of Music II ***
- MUS 4382-Twentieth Century Music***

May choose any of the following:

- MUS 1191-Language and Diction I
- MUS 1201-Language and Diction II
- MUS 3592-Piano Pedagogy
- MUS 4313-Conducting

MUS 3293-Counterpoint	MUS 4413-Advanced Choral Conducting
MUS 3333-Form and Analysis	MUS 4432-Orchestration
MUS 3392-Vocal Pedagogy	MUS 4903-Piano Literature I

Theatre or Art Fine Arts 3****
 General university electives as needed to reach 120 hours: 0-9
 (will depend on how many hours in language/music are applied to the liberal arts core)

Liberal Arts Core
 Minor Field
 Foreign Language - 6 hours intermediate or above

TOTAL: (120 total hours with minimum 15-hr minor)

* Survey of Non-Western Music can be used to fulfill the non-western requirement in the liberal arts core.

**Students on scholarship must complete four semesters.

***Foreign Language (3 hours) or one section of Music History (3 hours) can be used to fulfill the core elective in the Liberal Arts Core.

****Humanities Theatre or Art can be used to fulfill the Fine Arts requirement in the liberal arts core.

Requirements for Music Minor:

MUS 1233	Music Theory I*	3
MUS 1243	Music Theory II	3
	or	
MUS 2273	Music Theory III	3
	or	
MUS 2283	Music Theory IV	3
MUS 1251	Sight-Singing/Ear-Training I	1
MUS 1261	Sight-Singing/Ear-Training II	1
	Applied Music	4
	(Private lessons on one instrument/voice)	
	Large Ensemble	2
	Piano** (MUS 1051, 1061)	2
	Electives	8

One of the electives must be an upper level music history course. Introduction to Music Literature will be required as a prerequisite. No more than 2 additional credits of large ensemble will be allowed as elective credit. Other upper level courses may be taken with permission of instructor.

Music History I or II	3
Large Ensemble	2
Elective	3
Total Credits	24

*Minors may be required to take MUS 1823 Introduction to Music Theory as a preparatory course prior to Music Theory I.

**Minors whose applied area is a piano may be required to take other piano-related courses to fulfill this requirement.

Courses in Applied Music

Credit for applied music is indicated by the fourth digit of the APM course number and is figured on the following basis:

- One Semester Hour - 1 half-hour lesson per week. (Bachelor of Arts majors, secondary area, music minors)
- Two Semester Hours - 2 half-hour lessons (or equivalent) per week. (Music education majors only or instructor permission)
- Three Semester Hours - 2 half-hour lessons (or equivalent) per week. (Performance and Composition majors only)

Jury examinations are given to all music majors in their major and minor applied fields at the end of each semester. Courses in Applied Music may be repeated for credit.

Applied Music Course Numbers:

APM	1011-3, 3011-3	Piano
APM	1101-3, 3101-3	Organ
APM	1201-3, 3201-3	Voice
APM	1401-3, 3401-3	Violin
APM	1411-3, 3411-3	Viola
APM	1421-3, 3421-3	Cello
APM	1431-3, 3431-3	String Bass
APM	1501-3, 3501-3	Euphonium
APM	1521-3, 3501-3	Horn
APM	1541-3, 3541-3	Trombone
APM	1561-3, 3561-3	Trumpet
APM	1581-3, 3581-3	Tuba
APM	1701-3, 3701-3	Bassoon
APM	1721-3, 3721-3	Clarinet
APM	1741-3, 3741-3	Flute
APM	1761-3, 3761-3	Oboe
APM	1781-3, 3781-3	Saxophone*
APM	1901-3, 3901-3	Percussion
APM	1911-3, 3911-3	Composition
APM	1921-2, 3921-2	Improvisation

*Must include some study on alto saxophone.

Courses in Music

MUS 1011, 3011. Band. A performing band available to all university students by audition with the director. Meets daily. Fall Semester only. May be repeated for credit.

MUS 1011, 3011. Concert Band. The Concert Band is comprised of university students who wish to continue performing traditional band literature in a traditional university "campus band" setting. The ensemble is dedicated to broadening the artistic level and interest of its members while performing music of artistic and historical significance. The Concert Band also serves as a practicum for music edu-

cation majors, and collaborates with the Pep Band for athletic events and university functions. All bands incorporate improvisation as part of ensemble skills taught in the course. Membership is open to all university students and community, regardless of major, and is by audition only. One class meeting per week. Spring Semester only. May be repeated for credit.

MUS 1021, 3021. Chamber Chorale. A highly selective and actively performing choral ensemble choosing literature from a wide range of choral classics. Audition required. Four class meetings per week. May be repeated for credit.

MUS 1031. Piano Class for Non-Majors. A beginning course in group piano introducing fundamentals such keyboard topography, technique, and theory that are necessary for the development of competent sight-reading and playing skills at the elementary level. One class meeting per week. May be repeated for credit. A \$40.00 lab fee is assessed.

MUS 1041. Band History and Repertoire. The history and development of the American wind band and the study of representative band compositions for beginning, middle school, and high school bands.

MUS 1051, 1061. Piano Class I and II. A beginning course in group piano, for non-keyboard music majors, designed to develop functional skills such as technique, sight-reading, harmonization, transposition, improvisation, play-by-ear, and solo playing at the early-elementary and late-elementary levels. Sight-singing and music theory skills are an integral part of the group piano curriculum. Two class meetings per week. A \$40.00 lab fee is assessed. Prerequisites: MUS1823 or by placement. Music majors only; music minors and non-majors by instructor permission only.

MUS 1071, 3071. Concert Choir. A large performing vocal ensemble designed for the music major and the general university student who enjoys singing by audition with the director. Three class meetings per week. May be repeated for credit.

MUS 1080, 3080. Performance Laboratory. A recital class comprised primarily of weekly general student recitals, junior and senior music degree recitals, ensemble presentations, and faculty and guest artist programs. Required of all music majors for a minimum of seven semesters. A \$25.00 lab fee is assessed.

MUS 1171, 3171. Opera Workshop. A workshop setting in which acting and interpretation skills are developed. These skills are then incorporated into the performance of opera scenes or one-act chamber operas. Open to all university students by audition. Three class meetings per week. May be repeated for credit.

MUS 1191, 1201. Language and Diction. Phonetics applied to the study of English, Italian, German, and French song literature. The study of diction problems applicable to all song literature. Two class meetings per week.

MUS 1212. Introduction to Music Literature. Study of significant musical works from all style periods of music history. Emphasis is placed on techniques of listening. Two class meetings per week. Spring Semester only.

MUS 1221, 3221. String Orchestra. A performing string orchestra available to all university students by audition with the director. Two class meetings per week. May be repeated for credit.

MUS 1233, 1243. Theory I and II. Study of the diatonic compositional principles of the 18th century from music fundamentals through elementary chromatic harmonies and modulations. Three class meetings per week. Prerequisites: MUS1823 or by placement.

MUS 1251, 1261. Sight-Singing/Ear-Training I and II. Development of sight-singing and aural skills. Two class meetings per week. Prerequisites: MUS1823 or by placement.

MUS 1321, 3321. String Ensemble. A small instrumental ensemble required of string instrument majors on scholarship, and open to all university students by audition. Two class meetings per week. May be repeated for credit.

MUS 1451, 3451. Jazz Improvisation Laboratory. The study of the fundamentals of jazz, including chord nomenclature, scale construction, form, and improvisational techniques. Prerequisite: permission of instructor. Two class meetings per week. May be repeated for credit.

MUS 1493, 3493. Composition. A beginning and intermediary study of the techniques of music composition. Selected semesters only.

MUS 1531, 3531. Symphony Band. The Symphony Band is comprised of student musicians who have demonstrated an outstanding level of musicianship and commitment to musical excellence. The Symphony Band performs two on-campus concerts during the spring semester, featuring works for larger wind band in addition to works that are considered to be among the core wind repertoire. All bands incorporate improvisation as part of ensemble skills taught in the course. Membership is open to all university students, regardless of major, and is by audition only. Three class meetings per week. Spring Semester only. May be repeated for credit.

MUS 1641, 3641. Woodwind Ensemble. A small instrumental ensemble required of woodwind instrument majors on scholarship, and open to all university students by audition. Two class meetings per week. May be repeated for credit.

MUS 1671, 3671. Percussion Ensemble. A small instrumental ensemble required of percussion instrument majors on scholarship, and open to all university students by audition. Two class meetings per week. May be repeated for credit.

MUS 1771, 3771. Jazz Ensemble. An instrumental ensemble which performs and studies jazz and contemporary music. Open to all university students by audition. Three class meetings per week. May be repeated for credit.

MUS 1781. Techniques of Ensemble Playing. Basic training in sight-reading and experience in playing repertoire for piano, four- and eight-hands, and for chamber groups with piano. Two class meetings per week. Selected semesters only.

MUS 1791. Techniques of Accompanying. Instruction in the principles and practices of the art of accompanying. Two class meetings per week. Spring Semester only in odd-number years.

MUS 1801, 3801. Accompanying. Two hours weekly of studio and/or

ensemble accompanying plus additional extra rehearsals as needed. Prerequisite: MUS 1791 or consent of Director of Keyboard Studies. May be repeated for credit.

MUS 1823. Introduction to Music Theory. Establishment of the fundamentals of music theory, aural skills, and piano. A \$25.00 lab fee is assessed. Fall Semester only.

MUS 1851, 3851. Brass Ensemble. A small instrumental ensemble required of brass instrument majors on scholarship and open to all university students by audition. Two class meetings per week. May be repeated for credit.

MUS 1941, 3941. Reddie Pep Band. A small ensemble of wind and percussion instrumentalists which plays at basketball games. Open to all university students with permission of instructor. May be repeated for credit.

MUS 1951, 3951. Wind Ensemble. The Wind Ensemble is comprised of the university's finest wind and percussion musicians and performs traditional and contemporary wind repertoire of the highest quality in a smaller ensemble setting. The Wind Ensemble performs two on-campus concerts every spring semester, as well as an annual tour which includes performances at national and state conferences and in the public schools. All bands incorporate improvisation as part of ensemble skills taught in the course. Membership is open to all university students, regardless of major, and is by audition only. Two class meetings per week. May be repeated for credit.

MUS 1971, 3971. Women's Choir. A performing vocal ensemble designed for the general university female student who enjoys singing. Two class meetings per week. May be repeated for credit.

MUS 2033 (MUSC1003). Humanities: Music. A course designed to heighten the student's awareness of music's role in society, to introduce the elements of music, to assist in the development of analytical listening skills, and to broaden the student's musical appreciation. Three class meetings per week.

MUS 2091. Instruments for Singers. The study of string, wind, and percussion instruments for students with no instrumental music experience. This course is designed to give choral and choral/keyboard majors a functional knowledge of band and orchestra instruments. Students in the course must be able to read notes and rhythms. Open to all university students with permission of the instructor. Two class meetings per week. Fall Semester only in odd-number years.

MUS 2151, 2161. Voice Class. An elementary course in singing, employing both group and individual techniques. The problems of singing and of voice improvement are studied through exercise and song interpretation. One class meeting per week. May be repeated for credit.

MUS 2273, 2283. Theory III and IV. A study of theory from advanced chromatic harmony through 20th century techniques. Three class meetings per week. Prerequisite: MUS 1243.

MUS 2402. Public School Music. Required of all P-4, 4-8 education majors. A study of music fundamentals and methods necessary for elementary classroom music instruction. Two class meetings per week. For P-4, 4-8 Education majors only, or by permission of instructor.

MUS 2521-3, 4521-3. Special Studies in Music. Individual research on worthy music projects. Permission of department chair required. Selected semesters only.

MUS 2601, 2611. Piano Class III and IV. A continuation of MUS 1061. Further development of keyboard functional skills necessary for the preparation for piano proficiency. Hymnal and open-scores (transposing instruments, choral), instrumental/vocal accompaniment, and intermediate-level standard solo repertoire are included. Sight-singing and music theory skills continue to be an integral part of the curriculum. Two class meetings per week. A \$40.00 lab fee is assessed. Music majors only; music minors and non-majors by instructor permission only. MUS 1061 is prerequisite to MUS 2601; MUS 2601 is prerequisite to MUS 2611.

MUS 2621, 2631. Sight-Singing/Ear-Training III and IV. Further development of sight-singing and aural skills. Two class meetings per week. MUS 1261 is prerequisite to MUS 2621; MUS 2621 is prerequisite to MUS 2631.

MUS 3001. Introduction to Electronic Music. Use of electronics in music composition. Open to all university students by permission of instructor. Selected semesters only.

MUS 3111. High Brass Methods. A study of trumpet and horn pedagogical techniques, including elementary and advanced teaching procedures and analyzing student problems. All students will demonstrate a basic proficiency on each instrument. Two class meetings per week.

MUS 3121. Low Brass Methods. A study of low brass pedagogical techniques, including elementary and advanced teaching procedures and analyzing student problems. All students will demonstrate a basic proficiency on each instrument. Two class meetings per week.

MUS 3131. Flute and Double Reed Methods. A study of flute and double reed pedagogical techniques, including elementary and advanced teaching procedures and analyzing student problems. All students will demonstrate a basic proficiency on each instrument. Two class meetings per week.

MUS 3141. Single Reed Methods. A study of single reed pedagogical techniques, including elementary and advanced teaching procedures and analyzing student problems. All students will demonstrate a basic proficiency on each instrument. Two class meetings per week.

MUS 3182. American Popular Music . A survey course of the history and development of popular music in America from the 18th century to current styles (i.e., Rhythm 'n' Blues and Rock 'n' Roll). This course focuses on the origins, stylistic development, and influence of music of various cultures and ethnic groups found in the United States. This course is a general college elective. Selected semesters only.

MUS 3293. Counterpoint. Study of compositional principles in 18th century contrapuntal forms. Three class meetings per week. Prerequisites: MUS 1243, MUS 2273, and MUS 2283. Fall Semester only in odd-number years.

MUS 3302. Service Playing. Training in the playing of hymns, anthems, arranging piano accompaniments for organ, improvisation, and modulation. Selected semesters only.

MUS 3333. Form and Analysis. A study of various concepts of harmony and form as found in music of the 18th through the 20th century. Prerequisites: MUS 1243, MUS 2273, and MUS 2283. Three class meetings per week. Fall Semester only.

MUS 3340. Junior Recital. This course represents the applied music project for junior music performance majors. A public recital will be given during junior-level applied study and with the approval of the applied teacher. This course is taken in addition to applied music during the Junior Recital semester. Prerequisites: Successful completion of the Sophomore Performance Assessment and applied music as required by the degree.

MUS 3392. Vocal Pedagogy. A study of pedagogical techniques and materials for instruction of voice. Two class meetings per week. Selected semesters only.

MUS 3461. Percussion Methods. A study of percussion pedagogical techniques, including elementary and advanced teaching procedures and analysis of student problems. All students will demonstrate a basic proficiency in percussion. Two class meetings per week. Spring Semester only.

MUS 3473. Survey of Non-Western Music. A course designed to heighten the student's awareness of music from non-western cultures. Folk, sacred, and traditional music from countries such as Africa, India, and Eastern Europe will be studied. This course will fulfill the general education requirement in non-western cultures for all university students. Required of music majors. Three class meetings per week.

MUS 3482. Organ Pedagogy. A study of pedagogical techniques for instruction of organ. Selected Semesters only.

MUS 3511. Advanced Instrumental Conducting. Advanced techniques in instrumental conducting, score study, and rehearsal techniques. Prerequisite: MUS 4313.

MUS 3592. Piano Pedagogy. A study of pedagogical techniques for individual and group piano instruction at the elementary level. Course content includes, but is not limited to, the survey of major keyboard methods, learning styles, supplementary teaching repertoire, the business of teaching, and the incorporation of technology such as computer-assisted instructional software and online websites into an independent piano curriculum. Selected semesters only. Permission of the instructor is required.

MUS 3931. Class Piano Pedagogy. A study of pedagogical techniques for group piano instruction at the college level. Course content includes, but is not limited to, the survey of major instructional textbooks, classroom management, the integration of ear-training/sight-singing, theory, and keyboard skills, and the use of technology for teaching and student learning. Selected semesters only. Permission of the instructor is required.

MUS 3961. String Methods. A study of string pedagogical techniques, including elementary and advanced teaching procedures and analysis of student problems. Required for instrumental music education students. Two class meetings per week. Spring Semester only.

MUS 4313. Conducting. Basic techniques of the baton and interpretation of the musical score required of all music majors. Three class meetings per week. Prerequisites: MUS 1243, MUS 2273, MUS 2283, and MUS 2631 and successful completion of the Sophomore Performance Assessment. Fall Semester only.

MUS 4351. Senior Recital. This course represents the final applied music project for music majors. A public recital will be given after the completion of junior-level applied study and with the approval of the applied teacher. This course should be taken in lieu of applied music during the Senior Recital semester. Prerequisites: Successful completion of the Sophomore Performance Assessment and applied music as required by the degree.

MUS 4363, 4373. (WI) History of Music I and II. A detailed study of styles, genres, and composers of music in the history of Western Civilization from ancient Greece to 1900. Three class meetings per week. Prerequisites: MUS 1261, MUS 1233 and one of the following: MUS 1243, MUS 2273, or MUS 2283.

MUS 4382. (WI) Twentieth Century Music. A study of the history and styles in music since 1900. Postromanticism, nationalism, neo-classicism, and later trends in contemporary music will be studied. Two class meetings per week. Prerequisite: MUS 4363 or MUS 4373. Fall Semester only.

MUS 4413. Advanced Choral Conducting/Choral Literature. An advanced course for choral (vocal and keyboard) students dealing with literature, score study, rehearsal techniques, and conducting. Three class meetings per week. Prerequisite: MUS 4313. Spring Semester only.

MUS 4432. Orchestration. Basic elements of instrumental arranging. Study of transpositions, ranges, limitations and advantages of commonly used instruments in ensemble settings. Orchestral terminology and practical score and parts preparation is included. Two class meetings per week. Prerequisites: MUS 1243, MUS 2273 and MUS 2283. Spring Semester only.

MUS 4501. Capstone Experience. This course is intended to synthesize a student's musical knowledge, methodology and skill into a culminating senior project. To be completed in close consultation with an advisor, the Capstone Experience may take the form of an undergraduate thesis, lecture recital, or other approved comprehensive semester project. This course is for Bachelor of Arts in Music majors only. Prerequisites: Successful completion of the Sophomore Performance Assessment and approval of the Department Chair.

MUS 4722. Special Methods: Music-Vocal. Special methods in the teaching of Junior and Senior High School vocal music. Two class meetings per week. Prerequisites: MUS 4313 and MUS 4413. Fall Semester only. This course requires 10 hours of field experiences. EDU 4113 or EDU 4433 must be taken concurrently.

MUS 4732. Special Methods: Instrumental. Special methods in the administration of instrumental program K-12 and rehearsal techniques. Two class meetings per week. Prerequisite: successful completion of the Sophomore Performance Assessment. Spring Semester only. This course requires 10 hours of field experiences. EDU 4113 or EDU 4433 must be taken concurrently.

MUS 4742. Special Methods: Marching Band Techniques. Special methods in rehearsal techniques for marching band. Two class meetings per week. Prerequisite: successful completion of the Sophomore Performance Assessment. Fall Semester only.

mester only. This course requires 10 hours of field experiences.

MUS 4752. Special Methods: Music-Elementary. Special methods in the teaching of Elementary and Middle School general music. Two class meetings per week. Prerequisites: successful completion of the Sophomore Performance Assessment and admission to Teacher Education Program or concurrent enrollment in courses leading to admission to Teacher Education Program. Fall Semester only. This course requires 10 hours of field experiences.

MUS 4903. Piano Literature I. Survey of keyboard literature from the English virginalist school through the works of Haydn and Mozart. Prerequisites: MUS 1243, MUS 2273 and MUS 2283 or permission of instructor. Selected semesters only.

MUS 4913. Piano Literature II. Survey of keyboard literature from the works of Beethoven through the works of avante garde composers. Prerequisites: MUS 1243, MUS 2273 and MUS 2283 or permission of instructor. Selected semesters only.

NURSING

Dr. Barbara Landrum, Chair; Ms. Austin, Ms. Dawson, Ms. Freyman, Ms. Loy, Dr. Shurett, Ms. Smith

The mission (philosophy) of the Henderson State University Department of Nursing is to provide both a liberal and professional nursing education to produce safe, novice generalist nurses. Graduates of this program will demonstrate an understanding of theory as it relates to nursing practice. This program prepares professional nurses to pursue higher education.

The goals of the four year (8 semester) program leading to the Bachelor of Science in Nursing (BSN) degree are:

1. Prepare a professional nurse generalist.
2. Educate nurses in holistic concepts of humanity, environment, and health.
3. Prepare a professional nurse who recognizes and uses resources for nursing and health care in the community.
4. Prepare professional nurses who understand the role of research and theory to improve nursing and health care.
5. Provide a foundation for advanced study of nursing.

The corresponding Student Learning Outcomes for the BSN program are:

1. Demonstrate responsibility and accountability in the role of the professional nurse.
2. Use clinical reasoning to make decisions regarding nursing care.
3. Manage resources necessary to promote and maintain conditions for optimum health.

4. Apply findings from nursing and healthcare research when planning nursing and health care.
5. Select concepts of professional nursing necessary for effective and efficient client care delivery.

Accreditation

The Henderson State University Bachelor of Science in Nursing Program is accredited by the Commission on Collegiate Nursing Education (CCNE) and approved by the Arkansas State Board of Nursing.

Program Admission

Students admitted to the university declaring a major in Pre-nursing become Nursing Advisees. Students become Nursing Majors upon completing prerequisite non-nursing courses and after being admitted into the nursing program. The admission application is available upon request, from the Department of Nursing on the nursing web page.

Students will be admitted to the Nursing Program in the Fall semester. Students must complete all of the prerequisite science and math courses with a “C” or better and maintain a minimum GPA of 2.50 for admission consideration. Program applications are due February 15th for Fall semester start. Program acceptance is competitive based on GPA and record of success in prerequisite courses and selective pre-admission assessment tests. Program admissions are provisional pending satisfactory completion of a criminal background check and drug screen. Program admission costs are charged upon acceptance to the program to cover admission processing.

Should a student be absent from the program for more than a semester, a Re-admission Application must be submitted using the same schedule as for program admission. Readmission is not assured and is on a space available basis.

Students holding licensure (LPN/LPTN or RN) in nursing may qualify for advanced placement in the BSN program. Students holding licenses to practice nursing in Arkansas must maintain these as valid and in good standing to retain their status in nursing courses (NSG prefix).

Students may repeat a maximum of two 3000 or 4000 level nursing courses, one time each. Failure or withdrawing from an additional course will result in permanent removal from the program.

Nursing Clinical Course Health and Safety Requirements

Clinical nursing courses can result in exposure to infectious illnesses, injuries, or related accidents. Because of this, students are strongly urged to maintain adequate health care coverage and disability insurance. Additionally, in order to meet clinical agency requirements, students must provide evidence of the following upon admission to the program/prior to starting clinical courses.

- Negative Tuberculin skin test or independent provider’s statement of the absence of clinical signs and symptoms of Tuberculosis in positive reactors
- 3-shot Hepatitis B series or acceptable titer

- American Heart Association CPR for Healthcare Providers

Additional documentation that may be required dependent on clinical agencies include:

- Varicella immunization or record of past Chicken-pox infection
- Annual influenza vaccination

Americans with Disabilities Act, Implications for Nursing Majors

Students with documented disabilities who are applying for admission to Henderson and to the Bachelor of Science in Nursing Program will be welcome according to the guidelines of the Americans with Disabilities Act (ADA) of 1990. Reasonable accommodations will be made for students who have a documented disability but who have the abilities to assume the role of the professional nurse. These abilities include verbal and written communication, critical thinking, nursing assessment of physical and psychosocial health status of clients, and performance of nursing procedures including cardiopulmonary resuscitation. Students with disabilities will be evaluated on an individual basis by the faculty of the Department of Nursing as to their potential for success in a career in professional nursing after admission to the program.

Standardized Testing and the RN Licensure Exam

Standardized testing constitutes a portion of all clinical specialty courses. In courses where standardized tests are administered, tests will account for 5 - 10% of the total course grade. Nursing course fees pay for standardized tests. Students must reach the expected benchmark by their second attempt. Failure to do so will result in an automatic failure in the course, regardless of other didactic grades.

All students in their last semester in the Nursing Program, in NSG 4709 Adult Nursing III, must take a comprehensive standardized test to determine their readiness and ability to pass the NCLEX-RN examination. Students will be accorded two chances to achieve a passing score on the comprehensive standardized tests. Students who fail to meet the passing score will be awarded an incomplete (I) grade until the passing score has been achieved.

Students who fail to pass the comprehensive standardized test on second attempt will be assessed additional fees to cover tests and proctors.

Nursing Prerequisite Courses

In addition to the required General Education Core Courses, the following courses are required prior to admission to the Nursing Program:

Course	Hours
CHM 1034 General Chemistry and Lab.....	4
MTH 1243 College Algebra.....	3
PSC 1013 American National Government.....	3
COM 2013 Oral Communication.....	3
BIO 2174 Anatomy & Physiology I.....	4
PSY 1013 General Psychology.....	3
NSG 2561 Nursing as a Profession.....	1
BIO 2184 Anatomy & Physiology II.....	4

PHI	3113	Ethics.....	3
SOC	1013	Introduction to Sociology.....	3
FCS	2013	Nutrition.....	3
NSG	2573	Basic Skills for Health Care Providers.....	3
BIO	3094	Microbiology.....	4

Major Requirements for the Bachelor of Science Degree in Nursing

Course	Hours
NSG 3586 Basic Concepts in Nursing.....	6 (2 Lecture/4 Lab)
NSG 3594 Psychiatric and Mental Health Nursing	4 (3 Lecture/1 Lab)
NSG 3603 Healthcare Research for Evidence Based Practice.....	3
NSG 3612 Nursing and Healthcare Delivery Theories.....	2
NSG 3626 Adult Health Nursing I	6 (4 Lecture/2 Lab)
NSG 3636 Family/Child Nursing	6 (3 Lecture/3 Lab)
NSG 3643 Transcultural Healthcare.....	3
NSG 4656 Adult Health Nursing II	6 (3 Lecture/3 Lab)
NSG 4672 Disaster Nursing and Emergency Preparedness.....	2
NSG 4692 Health Promotion and Wellness.....	2
NSG 4709 Adult Health Nursing III.....	9 (4 Lecture/5 Lab)
NSG 4714 Community Based Nursing.....	4 (3 Lecture/1 Lab)
NSG 4722 Leadership Principles.....	2
NSG 4735 Palliative and Gerontologic Care Nursing	5 (3 Lecture/2 Lab)

Courses in Nursing

NSG 2561. Nursing as a Profession. This course is designed to introduce students to the nursing profession. Components addressed will include the evolution of the nursing profession, the image of nursing, the education and socialization of nursing, cultural competency and social issues of the nurse, nurse practice roles, and legal, ethical and health policy issues.

NSG 2573/NSG 2573L. Basic Skills for Healthcare Providers. This course provides an introduction to the basic skills of nursing. Emphasis will be placed on foundational care provided to adults. Course structure includes 1 credit lecture and 2 credits skills lab. This course will be offered May Interim. *(Students with a Certified Nursing Assistant License who are working at the time of entrance, may exempt this course.)*

NSG 3173. Nursing Transitions. This course initiates RN student transition by building on previous knowledge and skills applicable to professional nurse practice. The roles of teacher, caregiver, researcher, and leader are explored in relation to client systems and expanded nursing practice. This course addresses role development, socialization, communication, and critical thinking skills necessary for successful program completion. Three (3) semester hours. Prerequisites: Admission to the Nursing Program and current Registered Nurse license.

NSG 3586/NSG 3586L. Basic Concepts in Nursing. This course focuses on basic concepts and skills that form the foundation of nursing practice in the following areas: health, wellness-illness, safety, communication, patient-centered care,

teamwork and collaboration, evidenced based practice, and quality improvement. Students will embark on the skill of critical thinking, gain knowledge of and implement the use of the nursing process, study therapeutic communication techniques and principles of teaching-learning styles to establish and facilitate nurse client/family relationships in developing and providing a basic plan of care. Course structure includes 2 credits lecture and 4 credits clinical lab. Prerequisite: Admission to the Nursing Program.

NSG 3594/NSG 3594L. Psychiatric and Mental Health Nursing. This course focuses on the basic psychopathology of mental disorders, therapeutic communication, and legal/ethical guidelines. Emphasis will be placed on individuals, families, or groups experiencing maladaptive alterations in mental health. Course structure includes 3 credits lecture and 1 credit clinical lab. Prerequisite: Admission to the Nursing Program.

NSG 3603. (WI) Healthcare Research for Evidence Based Practice. This course provides students with basic healthcare research skills necessary for evaluation of research and integrates student's learning of the research process with their ability to analyze research studies in a written critique format. Students use critical thinking to explore scientific methods of inquiry, research design and methodology, and ethical consideration in human subject investigation. Written APA-style research critique and evaluation will be introduced as a foundation for evidence-based practice. (Meets discipline specific writing intensive course requirements and Junior Level Writing Across the Curriculum requirement.)

NSG 3612. Nursing and Healthcare Delivery Theories. This course introduces philosophies and theories of nursing, healthcare, and related fields as a foundation to the practice of professional nursing. Concepts of person, health, and environment will be explored within the four functions of theory (description, explanation, prediction, and control). Students will examine different perspectives of knowing and reflect how these impact their future healthcare practice.

NSG 3626/NSG 3626L. Adult Health I. This course provides the opportunity to examine and practice concepts, research, issues and trends in caring for adults with basic and commonly concurring health care needs. Content includes internal and external environmental factors affecting the health of adults with basic and commonly occurring health care needs. Emphasis is on the role of the professional nurse in health promotion and maintenance, illness care, and rehabilitation adults. Course structure includes 4 credits lecture and 2 credits clinical lab. Prerequisite: Admission to the Nursing Program.

NSG 3636/NSG 3636L. Family/Child Nursing. This course presents basic nursing theory of childbearing family and pediatric health care. Unfolding case studies, lecture, evidence based guidelines, clinical simulation and clinical experiences are used to guide the student from the preconceptional period through adolescence. Course structure includes 3 credits lecture and 3 credits clinical lab. Prerequisite: Admission to the Nursing Program.

NSG 3643. Transcultural Healthcare. Emphasizing non-Western cultures, this course assists student exploration and analysis of the influence of culture on health beliefs, attitudes, values, health norms, and practices. Examines how providers from various cultures differ in their approach to healthcare and how assessment and intervention techniques apply to specific cultural groups. *Meets the university requirement of a Non-Western Cultures course.*

NSG 4301-4. Independent Study. This course is designed to allow the individual student to explore an issue of importance to professional nursing in depth. The student identifies the area of concentration and explores the existing nursing literature, related literature, and other resources (such as expert nursing leaders, authorities in the community, and population groups). Consent of faculty.

NSG 4321-3. Special Topics in Nursing. These courses are designed to allow groups of students to explore a broad range of topics in nursing that include, but are not limited to historical, sociological and political influences in the development of professional nursing. May also include special courses in clinical reasoning, NCLEX-RN review, gerontology, pediatrics, and women's health. Pre/Co-requisite: Consent of faculty teaching the course.

NSG 4656/NSG 4656L. Adult Health II. This course provides the opportunity to examine and practice concepts, research, issues and trends in caring for adults with complex health care needs. Emphasis is on the role of the professional nurse in the use of the nursing process with adults experiencing complex health care needs and their families. Course structure includes 3 credits lecture and 3 credits clinical lab. Prerequisite: NSG 3626 Adult Health I.

NSG 4672. Disaster Nursing and Emergency Preparedness. This course introduces nursing roles in the planning for and participation in mass casualty disasters. The causes and unique characteristics of disasters and their effects on communities will be presented. The nurses' participation in the multidisciplinary organizational and clinical management of disaster will be emphasized.

NSG 4692. Health Promotion and Wellness. Explores nursing health promotion strategies to facilitate individual, group, and community health and wellness across the lifespan. The development of disease states and methods to prevent or decrease risk factors will be discussed. Emphasis is on the role of the professional nurse in planning and implementing effective teaching and interventional behaviors. Prerequisite: Admission to the Nursing Program.

NSG 4709/NSG 4709L. Adult Health III. This course provides the opportunity to examine and practice concepts, research, issues and trends in caring for adults with complex, multisystem healthcare needs in structured and unstructured settings. Content includes managing nurse resources, delegation, patient progress through the continuum of care, and skills practice at a competency level necessary to assume beginning level as a professional nurse. Course structure includes 4 credits lecture and 5 credits clinical lab. Prerequisite: NSG 4656 Adult Health II. Corequisite: NSG 4722.

NSG 4714/NSG 4714L. Community Based Nursing. This course introduces students to the basic concepts of community based nursing. Students gain an understanding of community resources with an emphasis on community based settings, disease states, community health models and theories, barriers to healthcare services, and the needs of vulnerable populations. Course structure includes 3 credits lecture and 1 credit clinical lab. Prerequisite: Admission to the Nursing Program.

NSG 4722. (WI) Leadership Principles. This course presents basic leadership theory and skills for novice to advanced beginner healthcare providers. Evidence based best practices coupled with systems thinking form a foundation for the concepts of change, transformation, risk taking, and vision as they relate to the leader-

ship role. Co-requisite: NSG 4709 Adult Health Nursing III; or in one of the last two semesters for RN-to-BSN students.

NSG 4735. Palliative and Gerontological Care. This course provides the foundational basis for professional nursing care for the chronic, end of life clients of all ages, and the older adult clients and their families. Core course concepts include comfort, chronicity, and optimal sense of wellness and functional status. This course explores and builds on theories related to the end of life and aging, normal changes of the aging, complex interactions of chronic co-morbid physical and mental conditions, and associated nursing care common to the chronically ill patient and older adult. Course structure includes 3 credits lecture and 2 credits clinical lab. Prerequisite: Admission to the Nursing Program.

**Associate of Science Degree, Major in Health Sciences
Pre-Nursing Tract**

Program Description:

The mission of the Henderson State University Pre-Nursing program is to provide the liberal arts and scientific core courses required for successful entry and completion of an academic nursing program or for an entry-level position in healthcare support services. Students will enter Henderson State University with the intent to pursue a Baccalaureate of Science in Nursing degree and the addition of the Associate of Science in Health Sciences degree will expand students' options should they not be accepted into the upper-division Bachelor of Science Nursing Program.

Semester 1		Hours
MTH	1243	College Algebra*.....3
ENG	1463	English A*.....3
CHM	1034	Gen Chemistry*.....4
PSY	1013	Gen Psychology*.....3
HPR	1011	Life Fit or PE*.....1
		Total Credits .....14
Semester 2		
COM	2013	Oral Communication* .....3
BIO	1013 & 1021	Biology*.....4
ENG	1473	English B* .....3
HIS	1013/1023	World Civilization*.....3
		Fine Arts/Hum Core.....3
		Total Credits .....16
Semester 3		
PSC	1013	American Government* .....3
BIO	2174	A&P I* .....4
		ENG Masters/World Literature* .....3
BIO	3094	Microbiology .....4
NSG	2561	Nursing as Profession.....1
		Total Credits .....15
Semester 4		
PHI	3113	Ethics*.....3
BIO	2184	A&P II.....4
FCS	2103	Nutrition .....3
SOC	1013	Intro to Sociology.....3
		Elective.....3
		Total Credits .....15

ENGINEERING

Dr. Rick McDaniel, Chair; Dr. Miller, Dr. Clardy

Engineering physics students acquire technology-based, problem-solving skills in a traditional liberal arts context. Following graduation, students will be qualified for jobs requiring highly technical skills and theoretical knowledge. Also, the degree program will prepare students for graduate studies in the fields of physics and engineering.

Major Requirements for the Bachelor of Science Degree (Engineering Physics)

Physics Core

PHY 2234	University Physics I	4
PHY 2244	University Physics II	4
PHY 3083	Mechanics	3
PHY 3103	Modern Physics	3
PHY 3473	Computational Physics	3
PHY 4183	Electrodynamics	3

Engineering Core:

EGR 1411	Engineering Graphics	1
EGR 1411	Engineering Graphics	1
EGR 2363	Statics	3
EGR 3464	Electric Circuits	4
EGR 3434	Digital Electronics	4
EGR 4443	Embedded Microprocessors	3
EGR 4261	Engineering Design	1
Total Major Requirements		36

Courses in Engineering

EGR 1011. Engineering Shop. This course provides an introduction to manufacturing processes and their relation to the design of machine elements. Basic and advanced machine tools operations, press tool operation, metal lathe and welding are studies.

EGR 1201. Introduction to Engineering. This course is designed to introduce the student to the engineering profession, problem solving, engineering design and presentation of technical information. Prerequisite: College Algebra (MTH 1243).

EGR 1411. Engineering Graphics. This course is designed to introduce the student to mechanical drawing employing the conventions of computer-aided drafting and modern engineering graphic principles. Prerequisite: College Algebra (MTH 1243).

EGR 2101-2. Engineering Internship. This course is designed to give the student practical engineering experience working with a professional engineer in a staff approved industrial setting. This allows the beginning engineer to build a network of contacts and develop a broad range of important skills that cannot be learned in the classroom. Prerequisite: Department approval.

EGR 2253. Engineering Computer Solutions. This course is designed to introduce the student to the problems encountered in engineering with analysis and solution of these problems using computational techniques. Prerequisite: PHY 2234.

EGR 2363. Statics. Principles of vector analysis, static equilibrium, analysis of structures, friction, internal forces, center of gravity, moment of inertia, and product of inertia. Prerequisite: PHY 2234 or PHY 2034 and MTH 1295.

EGR 3434. Digital Electronics. Introduction to the analysis and design of digital circuits including: number systems, Boolean algebra, combinational and sequential logic. Upon completion, students should be able to construct, analyze, verify, and troubleshoot digital circuits using appropriate techniques and test equipment. Prerequisite: PHY 2044 or PHY 2244.

EGR 3464. Electric Circuits. A study of the principles of DC and AC circuits. Passive linear components including resistor, capacitor, inductor. Basic circuit laws. Thevenin and Norton equivalent circuits. Transient and frequency domain analysis of linear circuits. Power and power transfer in circuits. Impedances and electrical units. Prerequisite: PHY 2044 or PHY 2244.

EGR 4261. Engineering Design. A study of engineering design and creative engineering problem-solving through design projects, presentations, and activities. Prerequisite: PHY 3434.

EGR 4443. Embedded Microprocessors. A study of the programming, architecture, and interfacing of microprocessors with emphasis on engineering applications. Prerequisite: PHY 3434.

PHYSICS

Dr. Rick McDaniel, Chair; Dr. Clardy, Mr. Duke, Dr. Harris, Dr. Miller

Physics students acquire technology-based, problem-solving skills in a traditional liberal arts context. Following graduation, students find these skills in demand for careers such as science teaching, technical management, software or hardware engineering. Other physics graduates gain admission to graduate programs and continue their studies in specialized fields such as medical physics, meteorology, astrophysics, engineering, or geophysics.

The department works in close cooperation with the Physics Department of Ouachita Baptist University. Students take advanced courses on both campuses receiving the benefit of access to both departments.

Major Requirements For the Bachelor of Science Degree (Classical Physics)

PHY 2234	University Physics I	4
PHY 2244	University Physics II	4
PHY 3083	Mechanics	3
PHY 3103	Modern Physics	3
PHY 3473	Computational Physics	3
PHY 4183	Electrodynamics	3
PHY 4273	Quantum Mechanics	3
PHY 4251	Senior Physics Lab	1

Junior-Senior Physics or Engineering Electives..... 12

Total Major Requirements 36

Requirements for a Minor in Physics

Required Courses

PHY 2034 General Physics I and PHY 2044 General Physics II
or
PHY 2234 University Physics I and PHY 2244 University Physics II

In addition to the two courses above, students must choose any two of the following courses to complete a minor in physics:

PHY 2363, PHY 3053, PHY 3083, PHY 3103, PHY 3173, PHY 3323, PHY 3434, PHY 3464, PHY 3473, EGR 2253 or EGR 3434. PHY 1024 does not count toward the minor.

Courses in Physics

PHY 1024 (PHSC1204). Introduction to Astronomy. A general education course for non-science majors. The methods, history, and philosophy of science are studied in the context of modern astronomy. Ideas are emphasized through periodic planetarium presentations as the course traces human understanding from prehistory to the edges of the known cosmos. Laboratory activities include outdoor observation sessions. No prerequisites are required.

PHY 2034 (PHYS2014). General Physics I. An introductory course in the fundamental principles of mechanics, heat and sound with an emphasis on problem solving. Prerequisite: MTH 1243.

PHY 2044 (PHYS2024). General Physics II. A continuation of PHY 2034. Fundamentals of electricity, magnetism and light. Prerequisite: PHY 2034.

PHY 2234. (PHYS2034) University Physics I. An introductory course in mechanics, heat, and sound intended for students of science and engineering who are taking an introductory calculus course concurrently. Corequisite: MTH 1295.

PHY 2244 (PHYS2044). University Physics II. A continuation of PHY 2234. An introductory course in electricity, magnetism, and light. Prerequisites: PHY 2234 or PHY 2034 and MTH 1295.

PHY 2363. Statics. Principles of vector analysis, static equilibrium, analysis of structures, friction, internal forces, center of gravity, moment of inertia, and product of inertia. Prerequisites: PHY 2234 or PHY 2034 and MTH 1295.

PHY 3053. (WI) General Astronomy. A study of the solar system, stars, clusters, nebulae, gravitation, instrumentation, and the search for life beyond earth. Includes observation sessions and development of planetarium activities. Prerequisite: PHY 2034 or PHY 2234 or the equivalent.

PHY 3083. Mechanics. Particle dynamics in inertial and accelerated reference frames. Newtons law of gravitation, orbit theory, and elementary rigid body dy-

namics. Prerequisites: PHY 2234 or PHY 2034, PHY 3473, and MTH 1295.

PHY 3103. Modern Physics. An introduction to the topics of modern physics including: relativity, atomic physics, quantum mechanics, condensed matter physics, nuclear physics and elementary particles. Prerequisites: PHY 2244 or PHY 2044 and MTH 1295.

PHY 3103L. Modern Physics Laboratory. Experiments in modern physics. Corequisite: Registration in or completion of PHY 3103.

PHY 3173. Optics. This course gives an introduction to geometrical optics and physical optics, including interference, diffraction, dispersion, absorption, and polarization of light. Prerequisites: PHY 2044 or PHY 2244, and MTH 1295.

PHY 3201. (WI) Laboratory Physics Techniques. Experiments in the principles of physics designed for the junior physics student. Experiments in modern physics, mechanics and optics. Corequisite: Registration in or completion of a 3000 or 4000 level physics course.

PHY 3493. History of Physics. A survey of important developments in the field of physics. The course will explore famous experiments and theories, as well as the physicists who performed and developed them. An emphasis will be placed on the role advances in physics played in events at the time and how history influenced the progress of physics. Prerequisite: PHY 2044 or PHY 2244.

PHY 3233. Geophysics. This course introduces the basic theory of geophysical instrumentation, data collection and reduction, and interpretation. The basic laws of physics are applied to study the internal characteristics of the earth such as geomagnetism, paleomagnetism, geogravity, earth tides, elastic waves, earthquake processes, and radioactivity. Prerequisite: PHY 3083.

PHY 3323. Applied Acoustics. The physical nature of vibration and its relation to music, speech, and hearing. Vibratory sources of sound used in music, mechanics of hearing, electronic recording, reproducing and synthesizing sound. No prerequisites are required.

PHY 3434. Digital Electronics. Introduction to the analysis and design of digital circuits including: number systems, Boolean algebra, combinational and sequential logic. Upon completion, students should be able to construct, analyze, verify, and troubleshoot digital circuits using appropriate techniques and test equipment. Prerequisite: PHY 2044 or PHY 2244.

PHY 3464. Electric Circuits. A study of the principles of DC and AC circuits. Passive linear components including resistor, capacitor, inductor. Basic circuit laws. Thevenin and Norton equivalent circuits. Prerequisite: PHY 2044 or PHY 2244.

PHY 3473. Computational Physics. This course gives an introduction to the basic methods to model physical and engineering systems using a programming package such as MATLAB. Basic computational tools and routines, including the ones for differential equations, spectral analysis, and matrix operations, are dealt with through relevant examples, and more advanced topics, such as Monte Carlo simulations and molecular dynamics. Prerequisite: PHY 2244.

PHY 3483. Atomic and Molecular Physics. A study of the structure and interaction of atoms and small molecules. Beginning with the study of the structure of the hydrogen atom and advancing to multi-electron atoms and molecules, the course will also cover the interaction of electrons, ions, and photons with atoms and molecules. Additional topics to be covered include atomic and molecular spectra, particle detection, accelerators, perturbation methods, and scattering theory. Prerequisites: PHY 3103 and PHY 3473.

PHY 4093. Thermodynamics and Statistical Mechanics. A unified development of the basic principles of thermodynamics, statistical mechanics and kinetic theory. Prerequisite: PHY 3083.

PHY 4183. Electrodynamics. A study of electrostatics, electric and magnetic properties of materials. Amperes and Faradays laws, and Maxwell's equations. Prerequisite: PHY 3083.

PHY 4211-3. Independent Research. Independent work in physics under direct supervision of a faculty member. Prerequisite: Departmental approval.

PHY 4251. (WI) Laboratory Physics. Experiments in mechanics, electrodynamics, modern physics and optics using modern instrumentation and equipment. Corequisite: Registration in or completion of a 3000 or 4000 level physics course.

PHY 4261. Engineering Design. A study of engineering design and creative engineering problem-solving through design projects, presentations, and activities. Prerequisite: PHY 3434.

PHY 4273. Introduction to Quantum Mechanics. Solutions of the Schrodinger wave equation, including the infinite square well, finite square well, harmonic oscillator, the hydrogen atom, and perturbation theory, and associated topics. Prerequisite: PHY 3103.

PHY 4283. Advanced Mechanics. A continuation of PHY 3083. Rigid bodies; moving coordinate systems; continuous media; Lagrange's Equations. Prerequisites: PHY 3083

PHY 4293. (WI) Non-Western Cosmology. This course develops insight into how the cosmological world-view affects and reflects aesthetics, morality, religion, politics, sexuality and other aspects of human experience. People of every culture view the same sky and extrapolate these observations into a story that explains their place in the cosmos. Case studies include native American, ancient non-Western, medieval and Islamic cosmologies. Prerequisite: PHY 1024 or instructor permission.

PHY 4311□3. (WI) Independent Study. Independent work in physics under direct supervision of a faculty member. Prerequisite: Departmental approval.

PHY 4343. Astrophysics and Cosmology. A unified study of relationships between natural physical laws and the structure and evolution of the cosmos. The course surveys recent results from observational astronomy and related applications of quantum theory, nuclear physics, field theory, particle physics, and general relativity. Prerequisites: PHY 3083 and PHY 3103.

PHY 4443. Embedded Microprocessors. A study of the programming, architecture, and interfacing of microprocessors with emphasis on engineering applications. Prerequisite: PHY 3434.

PHY 4453. Signal Processing. Introduction to the fundamental concepts and mathematics in signal processing. Use of the fundamental transform techniques (Laplace transform, discrete Fourier transform, z-transform). Discrete time representation of signals, linear time invariant systems. Correlation, coherence, power spectral density, and time delays. Bode plots, poles and zeros, state space. Prerequisite: 3473.

PHYSICAL SCIENCE

Dr. Rick McDaniel, Chair; Dr. Clardy, Mr. Duke, Dr. Miller

Courses in Physical Science

PHS 1053. Earth Systems and the Environment. A study of the earth and earth history, emphasizing interrelationships between earth's dynamical systems and human activity. Course activities include periodic field experiences and planetarium presentations. No prerequisites are required.

PHS 1073. Meteorology. An introductory course that treats the composition and structure of the atmosphere, thermodynamic processes, forces and related small- and large-scale motions, air masses, fronts, tropical cyclones, solar and terrestrial radiation, general circulation and weather forecasting. Format may include field trips and guest lectures. No prerequisites are required.

PHS 1133. Introduction to Physical Geology. An examination of the basic concepts of physical geology, stratigraphy, mineralogy, and land forms.

PHS 3154/PHS 3154L. Physical Science for Teachers. A study of the principles and concepts of physical science designed for elementary teachers.

PHS 4183, 5183. Higher Order Thinking in Science. This laboratory-based course stresses the learning of science as active, integrated, constructive processes involving experimentation, investigation, communication, reasoning and problem solving. The course builds foundations in content to show connections and relevant applications in the areas of life systems, earth systems, and physical systems. The goals of the course are to help teachers extend content learning, to help teachers create successful learning environments for every student by teaching them to use manipulatives, calculators, science equipment, and various learning strategies, and to provide access to appropriate materials, equipment and technology.

PHS 4953. Special Methods: Physical Science. Special methods in the teaching of physical science.

PSYCHOLOGY

Dr. Ahmad, Chair; Dr. Bejarano, Dr. Langley, Dr. Williamson

The Department of Psychology offers an experimentally based curriculum designed to prepare students for graduate study and careers in all areas of psychological science inclusive of clinical and counseling psychology.

Baccalaureate studies culminate in a two-semester Capstone Experience that integrates undergraduate research into the liberal arts education. Opportunities exist for advanced practicum work and independent study as well. Faculty areas of specialization include animal behavior, clinical psychology, social behavior, forensic investigation, psychology and law, human learning and memory, behavioral neuroscience, and psychology of religion. We are dedicated to scholarly excellence and the success of our students. We encourage students to seek, think, analyze, create, understand, and discover the science of behavior, to develop a respect for all knowledge and all living things.

Major Requirements for the Bachelor of Arts Degree only		Hours
PSY 1013	General Psychology	3
PSY 2023	Abnormal Psychology	3
PSY 2143	Experimental Statistics	3
PSY 2533	Learning.....	3
PSY 2541	Learning Laboratory	1
PSY 4433	Tests and Measurements.....	3

Capstone Experience

PSY 4733	Experimental Methods.....	3
PSY 4833	Advanced Experimental Psychology or	
PSY 4863	Advanced Social Psychology or	
PSY 4893	Advanced Independent Research in Psychology	3
	Psychology Electives	<u>9</u>
	Total Psychology Requirements.....	31

Major Requirements for the Bachelor of Science Degree		Hours
PSY 1013	General Psychology	3
PSY 2023	Abnormal Psychology	3
PSY 2143	Experimental Statistics	3
PSY 2533	Learning.....	3
PSY 2541	Learning Laboratory	1
PSY 4343	Advanced Statistics	3
PSY 4433	Tests and Measurements.....	3

Capstone Experience

PSY 4733	Experimental Methods.....	3
PSY 4833	Advanced Experimental Psychology or	
PSY 4863	Advanced Social Psychology or	
PSY 4893	Advanced Independent Research in Psychology	3
	Psychology Electives	<u>6</u>
	Total Psychology Requirements.....	31

Additional Requirements for both degrees

For the Bachelor of Arts Degree:

Six hours of intermediate Foreign Language (French, German, or Spanish).

For the Bachelor of Science Degree:

Three hours of an approved math intensive course in Chemistry, Computer Science, Mathematics, Physics, or Sociology (six hours if one does not have an extra psychology elective to substitute for Advanced Statistics).

Three hours of an additional science course.

All B.A. and B.S. graduates must complete the ETS Major Field Test in Psychology.

Minor Requirements For the Bachelor of Arts or Science Degree		Hours
PSY 1013	General Psychology	3
PSY 2023	Abnormal Psychology	3
	Psychology Electives	<u>9</u>
	(including one junior or senior level course)	
	Total Minor Requirements	15

Human Diversity Minor

The undergraduate minor in Human Diversity provides students with a broad intellectual framework for understanding common human experience and differences. Courses fulfilling this requirement foster respect for the diversity of people and cultures within the bond of humankind. This minor examines differences and similarities in individual human behavior as related to issues such as race, ethnicity, gender, gender roles, creed, religion, culture, age, body type, physical conditions, sexual orientation, learning differences, social skills differences, intelligence level, regional differences, language, dialect, socioeconomic status, and other areas of individual and group differences.

The minor is jointly administered by the departments of Psychology and Sociology. Students are required to take 18 hours of coursework including Human Diversity (PSY 2373); Racial and Cultural Minorities (SOC 2193); Social Psychology (either SOC 3143 or PSY 3063 — although we normally stress the deep differences between these two classes, for purposes of this minor either provides a useful foundation for considering interactions with diverse people); and nine hours of electives.

Core Required Courses		Hours
PSY 2373	Human Diversity	3
SOC 2193	Racial and Cultural Minorities	3
PSY 3063	Social Psychology or	
SOC 3143	Social Psychology	3
	Diversity Electives	<u>9</u>
	Total Minor Requirements	18

Nine hours of electives from the following, including at least 3 hours from Group A:

Group A: Broader Diversity Issues

ANT4053/SOC4063	World Cultures
COM 3413	Female/Male Communication

EDU	4493	Global Studies
GEO	2163	World Geography
PHI	3023	Religions of the World
PSY	2023	Abnormal Psychology
PSY	3043	Cross-Cultural Psychology
SOC	4263	Stratification and Poverty
SOC	4293	Sociology of Gender Roles
SOC	4383	Social Gerontology

Group B: Specialized Diversity Issues

ENG	4483	Acquisition of English as a Second Language
FRE	3223	French Culture and Civilization
GEO	3153	Geography of Latin America
GER	3223	German Culture and Civilization
HIS	4333	American Women's History
PSY	2263	Developmental Psychology
PSY	3113	Personality
SOC/HS	4443	Human Services for the Aged
SPA	3623	Civilization and Culture of Latin America
SPE	3013	Psychology of the Exceptional Child
or any non-Western Culture course not in Group A		

Classes used to meet the requirements of this minor may not also count toward major requirements. To promote exposure to a variety of perspectives on diversity issues, no more than 9 of the 18 hours may come from a single discipline without prior chair approval. Because studies in human diversity should include interaction with one's fellow human beings, no coursework other than Multicultural Mental Health may be completed by distance learning (correspondence or Internet) for this minor. No course can count toward both the major and the minor for the same degree; for example, a Psychology student must take Abnormal Psychology as a core course and therefore cannot use it for this minor. When a course is required for both your major and your minor (e.g., SOC 2193 for a student majoring in Human Services and minoring in Human Diversity), you can only count the hours toward one of them and must take an additional elective for the other, subject to chair approval.

Logic Minor

Whereas logical thought is a cornerstone of the liberal arts education, students may minor in Logic by completing any 15 hours from the following interdisciplinary list of courses. No more than one sophomore or junior level statistics course (PSY 2143, MTH 2323, SOC 3103) may count toward this minor. To encourage students to explore a greater variety of ways of thinking, no more than 6 hours may come from a specific area (such as COM, PSY, or MTH). Classes used to meet the requirements of this minor may not also count toward major requirements. At least 3 hours must be classes at the 3000 level or higher.

Through these varied classes, students learn about argumentation; rhetoric; inference; inductive, deductive, or transductive reasoning; logical fallacies; symbolic logic; scientific reasoning; analytical reasoning; critical thinking; and other forms of using logic and recognizing the illogical.

Fifteen hours from the following:

COM	2013	Argumentation and Debate
COM	4093	Persuasion
COM	4133	Rhetorical Theory
CSC	1104	Foundation of Computer Science I
CSC	1114	Foundations of Computer Science II
ENG	2133	Rhetoric and Argument
ENG	4643	Rhetoric and Composition
MTH	2283	Discrete Mathematics I
MTH	2323	Statistical Methods
PHI	2133	Logic and Argument
PHI	4043	Ancient Philosophy
PHI	4053	Modern Philosophy
PSY	2143	Experimental Statistics
PSY	3153	Cognitive Psychology
PSY	3233	Critical and Analytical Thinking
PSY	4323	Advanced Statistics
SOC	3103	Statistics

Courses in Psychology

PSY 1013 (PSYC1103). General Psychology. Introduction to the science of behavior, examining overt actions and covert mental processes. Discusses social, developmental, and biological influences. Topics may include personality, motivation, emotions, learning, memory, sensation, perception, mental illness, therapy, and social behavior. *Note: General Psychology* is a prerequisite that must be taken before any other psychology course except for our diversity courses (*Human Diversity*, *Cross-Cultural Psychology*, *Multicultural Mental Health*) or other classes in special cases approved by the department chair.

PSY 1073. General Psychology - Honors. This course is an experimentally oriented and writing-intensive introduction to the science of behavior, examining overt actions and covert mental processes, addressing all aspects of life including biological, cognitive, developmental, ethical, social, and spiritual dimensions. Weekly seminar readings and discussions explore psychological scholars such as Freud, James, Köhler, Lewin, Münsterberg, Skinner, and Watson. Students may choose to lead seminar sessions of all stripes examining other historical figures and topics inherent to the discipline of psychology.

PSY 2023. Abnormal Psychology. The origin, identification, treatment, and social implications of abnormal behavior, emphasizing etiology (origin), symptoms, and diagnosis of specific mental illnesses according to DSM-IV criteria. Topics include obsessions, compulsions, addictions, stress, phobias, anxiety, depression, schizophrenia, personality disorders, senility, amnesia, multiple personality, sexual difficulties, eating disorders, learning disabilities, childhood behavioral problems, and more.

PSY 2033. Applied Psychology. Application of research methods and psychological theories to modern day settings and everyday life, with particular emphasis

on behavior modification, personal adjustment, and social relationships. Examines opportunities for occupations, internships, and practicum experiences in psychology and related areas.

PSY 2143. Experimental Statistics. Experimental design and analysis. An introduction to basic statistical principles and analyses including measures of central tendency, variability, the normal curve, hypothesis testing, bivariate regression, and an introduction to inferential statistics. Incorporates statistical and graphics computer software.

PSY 2263 (PSYC2103). Developmental Psychology. This course concentrates on development from conception through death. Among the topics covered are prenatal environment, genetics, physical development, cognitive development, marriage, and aging. The approach is life-span. Issues include the nature versus nurture, continuity versus stages, and stability versus change debates.

PSY 2373. Human Diversity. The variety of human experience is examined, focusing on differences and similarities in individual human behavior as related to issues such as race, ethnicity, gender, gender roles, creed, religion, culture, age, body type, physical conditions, sexual orientation, learning differences, social skills differences, intelligence level, regional differences, language, dialect, socio-economic status, cliques, and other areas of individual and group differences. We focus on individuals rather than the groups themselves. Not limited to cultural issues, diversity concerns both majorities and minorities, including many areas (such as body type, intellectual skills, etc.) which do not involve simple group membership. *Prerequisites: None.*

PSY 2533. Learning. A historical approach to traditional and contemporary theories of learning. Explores fundamental concepts and phenomena of classical and instrumental conditioning, Gestalt psychology, and cognitive problem solving. Discusses biochemical bases of learning and biological constraints on learning. Includes a computer laboratory that incorporates data collection and analyses of basic conditioning phenomena with a virtual rat. *Co-requisite: PSY 2541 Principles of Learning Laboratory.*

PSY 2541. Learning Laboratory. Students conduct basic conditioning exercises through computer simulations. Computer laboratory incorporates data collection and analyses of basic conditioning phenomena with a virtual rat. *Co-requisite: PSY 2533 Principles of Learning.*

PSY 3001, 3002, or 3003. Special Topics in Psychology. This elective is designed for faculty to teach special courses in their areas of expertise, to offer courses of particular interest to students, and to address contemporary issues in the study of psychology. The topics will vary each time the course is taught, and will be announced when the course is offered. Junior-level special topics covered have included *Batman, Drugs and Behavior*, and *Problems of Adolescence*. Course may be repeated when a different topic is taught.

PSY 3043. Cross-Cultural Psychology. Emphasizing non-Western cultures, this course focuses on the influences of culture upon individual human behavior, examining factors leading to socio-cultural similarities and differences in action, thought, emotion, personality, and behavioral norms. Also examines how theorists from various cultures differ in their approach to the science of psychology. *Meets the university requirement to take a Non-Western Cultures course. Prerequisites:*

None.

PSY 3053. Multicultural Mental Health. This course examines Non-Western perspectives on mental health, including issues of psychological science, diagnosis, and treatment. Culture-bound syndromes rarely found in Western society are explored. Coverage includes social and cultural determinants of psychopathology and the range of problems in individuals, families, and communities; mental health of indigenous peoples, ethnocultural minorities, immigrants, and refugees; cultural views on related issues such as suicide; mental health issues among native Americans and other citizens of non-Western/non-European descent; and the influence of Eastern philosophy on areas of contemporary psychology, views toward mental health, and how the mentally ill are treated. *Meets the university requirement to take a Non-Western Cultures course. Prerequisites: None.*

PSY 3063. Social Psychology. Scientific study of human interaction. Topics of discussion include intimate relationships, aggression, prejudice, attitudes, propaganda, conformity, obedience, group dynamics, decision making, cognitive biases, how to see through deception, how individuals win friends and influence people, and various means of intentional and unintentional manipulation. Major theories include cognitive dissonance, social learning, and attribution theory, among others.

PSY 3113. Personality. The major theories of personality and their integration of biological, developmental, environmental, and learning determinants. Theoretical approaches discussed include psychodynamic, behavioral, humanistic, developmental, cognitive, social learning, and other perspectives. The course examines the theorists and their theories, looking at how their lives shaped their different theoretical perspectives as well as how they influenced their fellow theorists.

PSY 3153. (WI) Cognitive Psychology. Comprehensive overview of cognitive psychology. This course puts heavy emphasis on areas like perception, memory, knowledge, language, thinking, and reasoning, and includes examination of a number of experimental studies that served as crucial milestones in developing the area of cognitive psychology.

***PSY 3213. Infancy and Childhood.** Theories and empirical findings on social, perceptual, physical, cognitive, moral, personality, and emotional development in the period of child growth from conception to the beginning of adolescence, with discussion of issues including child-rearing, nature versus nurture, continuity versus stages, and stability versus change. Both normal and abnormal development are considered, including examination of learning differences and early psychopathology.

***PSY 3233. Critical and Analytical Thinking.** Examines specific techniques for solving problems through evaluative thinking. Students learn the steps in thinking critically and analytically, how to evaluate the accuracy and value of information in everyday life, and how to apply these skills to specific topics. Topics discussed include advertising, persuasion, doubletalk, debunking pseudoscience, and more. A section of the course focuses on preparation for portions of standardized tests such as the GRE or LSAT.

PSY 3273. History and Systems. Explores historical antecedents of the science of psychology as well as the evolution of contemporary experimental, physiological, and clinical psychology. Pioneers in the history of psychology are discussed within the contexts of their personal lives, respective Zeitgeists, and areas of specialization. Methods of exploration and philosophical perspectives on recurring

questions in the history of psychology are examined.

PSY 3303. Motivation. Analysis of the physiological, emotional, social, and psychological determinants of behavior. Examines the basic question of what motivates animal and human behavior as well as factors that can modify aspects of behavior.

PSY 3333. Forensic Psychology. The psychology of crime, crime solving, and court processes; examining the causes, classification, prevention, intervention, and treatment of criminal behavior from a social psychological perspective, as well as applications of psychology in criminal investigation and in the courtroom. Topics may include con artists, street crime, domestic violence, financial crimes, sex crimes, stalkers, serial killers, lie detection, eyewitness memory, insanity defense, and much more. *Prerequisites: General Psychology (PSY 1013) or Introduction to Sociology (SOC 1013).*

PSY 4001, 4002, or 4003. Special Topics in Psychology. This senior college course is an elective designed for faculty to teach special courses in their areas of expertise, to offer courses of particular interest to students, and to address contemporary issues in the study of psychology. The topics will vary each time the course is taught, and will be announced when the course is offered. Senior-level special topics covered have included *Batman, Drugs and Behavior*, and *Problems of Adolescence*. Course may be repeated when a different topic is taught.

***PSY 4283. Sensation and Perception.** This course is designed to introduce important philosophical questions regarding perceptual phenomena. These questions turned topics will then be looked at from current perspectives with multi-level analysis encompassing physiology, psychophysics, and computational domains including both animal and human experiences. The objective of the course is not only to introduce sensation and perception but to lead students to critically appreciate an ever richer understanding of the subject from ancient historical beginnings to its modern understanding.

PSY 4293. (WI) Physiological Psychology. An intensive course exploring the inextricable link between physiology and behavior. Topics relating to the mammalian nervous system include anatomy and function, psychopharmacology, brain structure, thirst and hunger, cardiovascular function, and physiological and psychological perspectives on a variety of motor, memory, and affective disorders.

***PSY 4323. Behavior Modification.** Explores the application of classical and operant conditioning to problems of social importance. Topics likely to be covered include social skills and language training in individuals with developmental disabilities; the treatment of drug addictions, childhood behavior disorders, and phobias; and improvement of safety and productivity in the workplace. *Prerequisite: Learning (PSY2533).*

PSY 4343. Advanced Statistics. Advanced experimental design and analysis. Highlights the selection, computation, and interpretation of randomized, repeated measures, and multifactor analyses of variance. Explores other parametric analyses including post hoc tests, student t tests, and multiple regression. Non-parametric analyses include chi-square designs, Mann-Whitney U tests, and Kruskal-Wallis analyses. Incorporates statistical and graphics computer software. *Prerequisite: Experimental Statistics (PSY 2143).*

***PSY 4353. (WI) Psychology in Literature.** Psychological study of literature, exploring its structure, function, and psychological value. Topics of discussion include symbolism, archetypes, genres, the purpose of storytelling, applications of psychological theories and concepts, accuracy in the depiction of psychological variables and mental health professionals, how writing and reading reflect cognitive processes, and the therapeutic value of literature. Character analyses involve examination of personality, mental illness, developmental issues, conflicts, and motivation.

***PSY 4363. Verbal Behavior.** A functional approach to speech development and language analysis. Topics of discussion include speech disorders, functions of speech in the modern world, physiology of speech, forensic linguistics, rule-governed behavior, social interaction, and communication in cyberspace.

PSY4383. Problems of Adolescence. This course focuses on the problems that adolescents face in the process of development in American society. It examines the major problems, the resources available for dealing with these problems, and the difficulties that these problems of adolescence cause for the larger society. Prerequisites: PSY1013 or permission from the instructor.

PSY 4433. Psychological Tests and Measurements. Fundamentals of psychological test construction, administration, and application to modern clinical and counseling practice. Includes a survey of the most widely used instruments in psychological testing. *Prerequisite: Experimental Statistics (PSY 2143).*

***PSY 4693. Love and Sexual Behavior.** Intimate relationships including friendship, romance, sex, and marriage. The material looks at relational behavior that is normal or abnormal, mature or immature, healthy or unhealthy. Discussions will examine factors that may play roles in determining whether relationships succeed or fail, such as communication, negotiation, gender differences, cultural differences, and predictors of divorce. Topics include attraction, courtship, dating, mating, marriage, parenting, divorce, jealousy, fidelity, sexual response cycle, dysfunctions, paraphilias, obsession, impulsivity, sex crimes, and Internet relationships.

PSY 4723. Psychology of Religion. This course examines the empirical data and psychological theories involving religious beliefs, practices, and experiences. At completion of this course, students should be knowledgeable of the psychological functions of religion for individuals.

PSY 4743. Counseling Theories and Techniques. Examines the therapeutic process and practical elements of counseling interactions. Discussions include consideration of ethical and professional issues. An experiential laboratory promotes essential listening and attending skills. The course promotes the development of self-evaluation, writing, and critical thinking skills; encourages integration of theoretical and experiential learning; facilitates the formation of a personal model of the counseling process; challenges self-reflection on personal qualities that support and hinder attempts at being therapeutic for others; and helps students understand ways to apply the major theories to specific cases.

Courses outside the classroom: Independent Study, Independent Research, and Practicum in Psychology are special courses for advanced students. No one is automatically permitted to take these. Interested students must submit a formal plan for the proposed project or volunteer work, which must be approved by the mentor-

ing professor and the person who will supervise the work on-site. These conditions apply for PSY 4893 Advanced Independent Research as well.

PSY 4701, 4702, or 4703. (WI) Independent Study. Closely supervised study on a topic in the realm of psychology by an advanced student, in accordance with the student's interest and as contracted with the professor. The student will conduct advanced readings within a topic that meets the student's needs or interests, and will design, conduct, and report results of an advanced research project concerning this topic. May be repeated. *Prerequisites:* At least 9 hours of completed psychology coursework *and* consent of the professor.

PSY 4711, 4712, or 4713. Practicum in Psychology. Closely supervised field experience by an advanced student in an applied setting in which psychological services are provided. Responsibilities include but are not necessarily limited to the following: ten hours a week (depending on nature and difficulty of the work) of volunteer work, keeping a record of practicum activities, and obtaining a written statement from the on-site supervisor describing and evaluating the student's work. May be repeated. *Prerequisites:* At least 9 hours of completed psychology coursework, consent of the department chair, *and* contracting in advance with both the professor and the on-site supervisor.

PSY 4771, 4772, or 4773. (WI) Independent Research. Closely supervised research on a topic in the realm of psychology by an advanced student, in accordance with the student's interest and as contracted with the professor. The student will design, conduct, and report results of an advanced research project. May be repeated. *Prerequisites:* At least 9 hours of completed psychology coursework *and* consent of the professor.

Capstone Experience:

This is a one-year sequence in experimental psychology. All students complete Experimental Methods (PSY4733) followed by an advanced research course (PSY4833, 4863, or 4893). At the beginning and throughout their Capstone experience, students study individually with a faculty mentor about their respective area of interest and select one of two research options:

Literary Track: Students complete a conceptual and reflective review of their chosen topic, replete with proposed research and hypotheses. This option accommodates individuals seeking bachelor level positions and/or local Master's degrees in therapy related areas.

Scientific Track: Students conduct an original research project, replete with actual data. We recommend this option for high quality students who want to pursue significant graduate studies and careers not limited to academe and/or counseling. Students of either stripe must present their work at an approved conference, replete with a final paper in APA format.

PSY 4733. (WI) Experimental Methods. Students will learn methods of experimental design, statistical procedures, ethical principles, scientific integrity, collegiality, and the spirit and philosophy inherent to our discipline necessary for a successful career in psychology. *Prerequisite:* *Experimental Statistics* (PSY 2143).

PSY 4833. (WI) Advanced Experimental Psychology. This is the second semester of the Capstone for most students, regardless of which Track they choose to pursue, working with their respective faculty mentors individually on their senior

level Capstone research. *Prerequisites: Experimental Statistics (PSY 2143) and Experimental Methods (PSY 4733).*

PSY 4863. (WI) Advanced Social Psychology. This course is an option for completing the Capstone Experience sequence in psychology. Study of human interaction with advanced readings in the classic and current research in social psychology. In-depth, critical readings on classic and current research in social psychology, and experimental testing of hypotheses about the nature of social behavior. Students design, conduct, and present experimental studies of social behavior, subject to instructor approval and internal review of ethical and procedural issues and standards. Includes consideration of ethical issues concerning deception and other aspects of experimentation in social psychology. *Prerequisites: Experimental Statistics (PSY 2143), Experimental Methods (PSY 4733), and either Social Psychology (PSY 3063) or Personality (PSY 3113).*

PSY 4893. (WI) Advanced Independent Research in Psychology. This course is an option for completing the Capstone Experience sequence in psychology through supervised independent study: Experimentation on a topic selected by the student, with in-depth, critical readings of classic and major current research within a relevant discipline in the field of psychology. Research plan and course of study must be approved in advance by department chair and faculty project mentor. This is a special course that may be taken only in rare instances when the independent plan of study might better fit the student's needs than would the department's regularly offered advanced research courses. *Prerequisites: Instructor approval; Experimental Statistics (PSY 2143); Experimental Methods (PSY 4733); and either Practicum in Psychology (PSY 4713), Independent Study (PSY 4703), Independent Research (4773), or Advanced Statistics (PSY 4343).*

***Course not offered every academic year. Check with chair for next offering.**

SOCIAL SCIENCES

Dr. John William Graves, Chair; Dr. Boswell, Dr. Carter, Dr. Gross, Dr. Halpern, Dr. Hickerson, Dr. James, Dr. Kendie, Dr. Khan, Dr. Monette, Dr. Shaw.

The Department of Social Sciences offers courses in three primary subject areas: geography, history, and political science. Majors in history, political science, and public administration/public management are offered for those pursuing a Bachelor of Arts degree through Henderson's Ellis College of Arts and Sciences. In addition, the department offers a major in social sciences for those pursuing a Bachelor of Science in Education degree through Henderson's Teachers College. This major is especially designed for students who plan to teach grades 7-12 social studies classes in the public schools. Our department also offers minor fields of study in geography, history, international studies, political science, and social sciences.

Our various majors and minors are especially designed for those who plan future careers in the law, law enforcement, the military, the ministry, public administration/public management, public history and library science, the State Department and foreign services, intelligence agencies, teaching, and related professions. When taking departmental courses, students learn to think critically and analytically, write clearly, and reflect upon the world and society's problems and challenges.

Bachelor of Science in Education Degree

Social Sciences Major

The Core Requirements (Must be completed prior to student teaching): Hours

HIS	1013	World Civilization to 1660.....	3
HIS	1023 or 1043	World Civilization since 1660.....	3
		Non-Western World History elective.....	3
HIS	2053, 2063	United States History	6
HIS	4240	Social Sciences Research	0
HIS	4263	Arkansas and the Southwest.....	3
		United States History elective.....	3
PSC	1013	American National Govt.	3
PSC	1023	State and Local Government.....	3
		Political Science elective.....	3
GEO	1023	Introduction to Geography (or)	
GEO	2163	World Geography.....	3
		Geography elective	3
ECO	2013	Principles of Macroeconomics (or)	
ECO	2023	Principles of Microeconomics.....	3
ANT	2013	Cultural Anthropology (or)	
SOC	1013	Introduction to Sociology.....	3
		Sub-Total.....	42

The Specialization Requirements

Six hours of electives from each of two of the following:

World History	.....	0-6
United States History	.....	0-6
Political Science	.....	0-6
Geography	.....	0-6
Sociology	.....	0-6
Sub-Total	.....	12

Total Combined Major 54

Students must satisfactorily write a 10-12 page, double-spaced research paper on a social sciences topic. A term paper of at least 10 pages which received a grade of "B" or higher in a social sciences course will substitute for this requirement. See HIS 4240, "Social Sciences Research."

(NOTE: A separate minor is not required for BSE/Social Sciences majors.)

Minor Requirements (Only for students getting a B.S.E. degree with a major in a field other than social sciences).

Hours

ECO	2013	Principles of Macroeconomics (or)	
ECO	2023	Principles of Microeconomics.....	3
HIS	1013	World Civilization to 1660.....	3
HIS	1023 or 1043	World Civilization since 1660.....	3
HIS	2053	United States to 1877	3
HIS	2063	United States since 1877	3

HIS (Jr. or Sr. elective)	United States History	3
PSC 1013	American National Government	3
GEO 1023	Introduction to Geography (or)	
GEO 2163	World Geography	3
	Total Minor Requirements	24

Students pursuing a BSE/Social Sciences minor should consider taking a three-hour course in Arkansas history as their elective U.S. history course if they plan to teach social studies classes in the Arkansas schools. Completion of a three-hour college course in Arkansas history is a statutory requirement for the granting of Arkansas social studies teacher licensure.

Major Requirements For the Bachelor of Arts Degree

History Major		Hours
HIS 1013	World Civilization to 1660	3
HIS 1023 or 1043	World Civilization since 1660	3
HIS 2053	United States to 1877	3
HIS 2063	United States since 1877	3
HIS 4803	Seminar in History	3
	Directed History Electives	18
	Total Major Requirements	33

Political Science Major		Hours
PSC 1013	American National Government	3
PSC 1023	State and Local Government	3
PSC 2043	Comparative Government	3
PSC 4303	Research Methods	3
	Directed Political Science Electives	21
	Total Major Requirements	33

It is recommended that all political science majors take PHI 3113, Ethics, during their junior or senior year.

Public Administration/Public Management Major

Public Administration is the management of the business of the citizens of a nation that is conducted by or receives major regulation from government. This major consists of a combination of courses in political science, business, and English which provide an academic background that is desirable for entry into public service careers in American national, state, or local government. It also is appropriate for students who plan to go on to graduate or professional schools and pursue post-baccalaureate degrees in public or business administration, political science, or law. (NOTE: A separate minor is not required for BA/Public Administration/Public Management majors.)

Liberal Arts Core requirements are as listed elsewhere in this catalog. All Public Administration/Public Management majors are required to take the three-hour American National Government course that is included in the social sciences section of the Liberal Arts Core. It is highly recommended, however, that all Public Administration/Public Management majors also take the six hours of United States history courses that are included as well in this section of the Liberal Arts Core (HIS 2053 and HIS 2063).

Students interested in majoring in Public Administration/Public Management should contact the Public Administration/Public Management advisor in the Department of Social Sciences for any additional information or advice.

Political Science Component		Hours
PSC 1013	American National Government	3
PSC 1023	State and Local Government	3
PSC 2043	Comparative Government	3
PSC 4053	American Constitutional Development (or)	
PSC 4173	Civil Liberties	3
PSC 3113	Legislative Process.....	3
PSC 4063	Public Administration	3
PSC 4123	Internship	3
PSC 4163	Public Policy	3
PSC 4303	Research Methods	3
	Directed Electives	6
	Total Political Science Requirements	33

Business Administration Component		Hours
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics.....	3
BIS 2073	Fundamentals of Information Systems (or)	
CSC 2003	Introduction to Computers	3
MGM 3113	Management and Organizational Behavior	3
MGM 4023	Human Resources Management.....	3
	Directed Electives	3
	Total Business Requirements	18

English Requirement		Hours
ENG 3613	Technical Writing	3

In lieu of the degree requirement in a foreign language, a student may complete four of the following five courses in financial analysis with a grade of “C” or better:

ACC 2013, 2023	Principles of Accounting A and B.....	6
ACC 3163	Federal Income Tax Accounting	3
FIN 3043	Business Finance (or)	
ACC 4243	Not-for-Profit Accounting.....	3

Minor Requirements for a Bachelor of Arts Degree

(NOTE: All of the following departmental minors require a total of 18 hours, as indicated below.)

Geography Minor		Hours
GEO 1023	Introduction to Geography	3
	Directed Geography Electives.....	15

History Minor		Hours
HIS 1013	World Civilization to 1660.....	3
HIS 1023 or 1043	World Civilization since 1660.....	3
HIS 2053	United States to 1877	3
HIS 2063	United States since 1877	3
	Directed history electives	6

International Studies Minor		Hours
Required Courses:		
HIS 1023 or 1043	World Civilization since 1660.....	3
SOC 4063	World Cultures	3
PSC 4093	International Relations	3

Elective Courses (Choose any three):

PSC 4233	Comparative Politics in the Middle East.....	3
PSC 4243	Comparative Politics in Africa.....	3
PSC 4253	South Asian Politics.....	3
PSC 4013	American Foreign Policy	3
PSC 3353	Contemporary U.S.-Eurasia Interaction	3
HIS 3493	Twentieth Century Europe	3
MGM 4193	International Business	3
GEO 3153	Geography of Latin America	3
GEO 4043	Economic Geography.....	3
GEO 3173	Geography of the Pacific.....	3
GEO 3183	Geography of Europe	3

Political Science Minor		Hours
PSC 1013	American National Government	3
PSC 1023	State and Local Government	3
PSC 2043	Comparative Government	3
	Directed Political Science Electives.....	9

Courses in Economics

See listing of courses in the School of Business Administration.

Courses in Geography

The geography courses support requirements specified in the Liberal Arts Core, certain major areas, minors in geography, and elective courses in any school of the university. Although previous study in geography would be helpful to the student, geography offerings are in each case self-contained and require no prerequisites at the undergraduate level. Courses are designed to present the contributions and points of view of geographers in the topic being studied. In doing so, the courses also examine the ways in which people have used and developed the world areas to which the courses relate.

GEO 1023 (GEOG1103). Introduction to Geography. Presents the nature of geographic study; illustrates world conditions, environmental and cultural; introduces map reading; and examines basic concepts.

GEO 2163 (GEOG2103). World Geography. An examination of geographic development on the several continents. Emphasis on cultural features.

GEO 3033. United States and Canada. An examination of the regional structure, its origins, influences on development, and interdependent operation.

GEO 4043, 5043. Economic Geography. Describes the main world economies, considers influences on economic location and locational analysis.

GEO 3153. Geography of Latin America. Presents an investigation into the geography of this volatile region with special attention paid to the problems of economic development of Latin America. Topics include population, industrialization, urbanization, political instability, and environmental change.

GEO 3173. Geography of the Pacific. A study of the lands, peoples, resources, and contemporary problems of Australia, New Zealand, and the Pacific culture areas of Melanesia, Polynesia, and Micronesia.

GEO 3183. Geography of Europe. This course is intended as a regional geography of Europe which includes analyses of Western Europe, Eastern Europe, and the areas in the former Soviet Union. Topics for consideration include physical geography, historical development, and political and economic issues confronting the region.

Courses in History

History courses are the basis of liberal arts education. Offerings in this department include United States and world history.

American History

HIS 2053 (HIST2113). U.S. to 1877. A survey of the nation's political, economic, social, and military past in the colonial and early national periods through the American Civil War.

HIS 2063 (HIST2123). U.S. since 1877. A survey of the nation's political, economic, social, and military past since the American Civil War.

HIS 3033. (WI) Colonial America. The Spanish, French, Dutch, and English in North America. The origin of the colonial governments. Prerequisite: HIS 2053.

HIS 3073. (WI) Early National United States. The development of the United States from 1787 to 1848. Includes the creation of the Constitution and American political traditions, emergencies of market capitalism, early industrialization, and new attitudes towards race, gender roles, and work. Prerequisite: HIS 2053.

HIS 3083. (WI) Civil War and Reconstruction. A study of the political, economic, social, constitutional, and military development of the United States from 1848-1877. Prerequisites: HIS 2053; HIS 2063.

HIS 3133. Emergence of Modern America. The rise of industrialism and big business, the labor movement, and the beginnings of governmental regulations; the Populist movement; the end of the agricultural frontier; and the beginnings of overseas expansion. Prerequisite: HIS 2063.

HIS 3153. (WI) U.S. 1900 to 1945. An overview of U.S. history in the period focusing on economic crisis, political reform, and cultural change; the roles and experiences of racial minorities, ethnic groups, and women and changes in race and gender; working people and movements for radical social change; the foreign policy and world role of the United States; and the impact of war on society. Prerequisite: HIS 2063.

HIS 3163. (WI) Recent America. An intensive study of the political, social, and economic life of the American people since World War II. Prerequisite: HIS 2063.

HIS 3503, 5503. History Internship. (See below in "Other" section for course description.)

HIS 4093, 5093. (WI) Vietnam and the United States. This course examines the history of the relations between the United States and Vietnam. Topics include the cultural, economic, and political background of both countries; the circumstances that led to war; the course of the war; the impact of the war on those who fought and on the civilian populations of both countries; the anti-war movement; responses of other countries to the conflict; and the political, economic, social, cultural, and psychological impact of the war on both countries.

HIS 4213, 5213. (WI) The American West. A survey of western history from the period before European contact with Indians to the present. Topics include the interaction between Europeans and Native Americans in western history, views and myths about the west, roles of racial minorities, western political and cultural patterns, and the historiography of the west.

HIS 4233, 5233. American Foreign Policy. An historical analysis of the development of American foreign relations. The course is designed to provide a clear understanding of the fundamental principles upon which American foreign-policy actions have been based and insight into the various factors that can shape foreign-policy decisions and how they are implemented. Students are also encouraged to reflect with some seriousness upon the moral and ethical challenges posed by the exercise of power. Prerequisites: HIS 2053, HIS 2063 (or) PSC 1013.

HIS 4263, 5263. Arkansas and the Southwest. Designed especially for those who are preparing to teach Arkansas history. The exploration, settlement, and development of Arkansas from 1541 to the present in relation to the nation and the adjacent areas of Oklahoma, Texas, and Louisiana.

HIS 4283, 5283. American Constitutional Development. (See PSC 4053, 5053.)

HIS 4293, 5293. The Old South. The political, economic, cultural, and social history of the southern states to the Civil War. Prerequisite: HIS 2053.

HIS 4313, 5313. (WI) History of American Labor. An overview of the history of American labor from the colonial period to the present day. Topics include the quality of work life and working conditions; efforts to organize trade unions; the social and cultural experiences of working class neighborhoods and communities; and the political, civic, and educational activities of working people.

HIS 4333, 5333. American Women's History. Examines the history of American women from the colonial era to the present, focusing on women's political or-

ganizations and social activism, economic importance, daily lives, and the ideological construction of gender roles.

HIS 4363. Special Topics in American History.

HIS 4713, 5713. Social and Political Thought. (See PSC 4073, 5073.)

World History

HIS 1013 (HIST1213). World Civilization to 1660. A survey of the major civilizations of the world, focusing on the evolution of ideas, politics, and societies to 1660.

HIS 1023 (HIST1223). World Civilization since 1660. A survey of the major civilizations of the world, focusing on the evolution of ideas, politics, and societies since 1660.

HIS 1043. World Civilization since 1660 Honors. A survey of the major civilizations of the world, focusing on the evolution of ideas, politics, and societies since 1660.

HIS 3413. Ancient World. The ancient Near East and Rome. A political and cultural history of ancient civilization from its beginning in Egypt and Mesopotamia, through Hellenic and Hellenistic Greece, to the fall of the Western Roman Empire. Prerequisite: HIS 1013.

HIS 3503, 5503. History Internship. (See below in “Other” section for course description.)

HIS 4443, 5443. (WI) Medieval World. A study of the social, cultural, and economic history of the Middle Ages from the end of the Roman Empire to 1500 with emphasis on European affairs. Prerequisite: HIS 1013.

HIS 3463. (WI) Renaissance and Reformation. The course is designed to acquaint the student with a double period focusing on the unique cultural and political achievements of the Italian and Northern Renaissance and the profound spiritual revolution of the Protestant reformation. Prerequisite: HIS 1013 or permission of instructor.

HIS 3483. Nineteenth Century Europe. An examination of the political, economic, military, and social development of Europe in the age of Industrialism and Nationalism as well as an in-depth study of the origins of the First World War. Particular stress is laid on the histories of Great Britain, France, Germany, and Russia. Prerequisite: HIS 1023 (or) HIS1043.

HIS 3493. Twentieth Century Europe. A study of Europe from the beginning of World War I to the post-war structure of Europe after World War II. The course focuses on the tragedy of the two world wars, the contest between the dictatorships and democracies of Europe, as well as the continued social, political, and economic growth of the European continent. Prerequisite: HIS 1023 (or) HIS 1043.

HIS 4473. Special Topics in World History.

HIS 4603, 5603. (WI) Tudor and Stuart England. Political, constitutional, social, and economic developments in England, 1485–1689. Prerequisites: HIS 1013.

HIS 4623, 5623. Modern German History. Survey of German history from Frederick the Great to the Adenauer Chancellorship. Emphasis is on political, economic, and social developments; Germany in the two world wars; the failure of democracy in the 1920's; the National Socialist regime; and the division of Germany. Prerequisite: HIS 1023 (or) HIS 1043.

HIS 4643, 5643. French Revolution and Napoleon. The era of revolution and reaction, 1789–1815; its causes and effects. Prerequisites: HIS 1023 (or) HIS 1043.

HIS 4653, 5653. Modern Russian History. This course will examine the political and social history of 18th and 19th century Russia, as a background, and then focus on the 20th century.

HIS 4673. Asian Civilizations. A study of the civilizations of India, China, and Japan and the impact of European civilization upon them.

HIS 4683, 5683. The Modern Middle East. This course will provide a bird's eye view of the Ottoman Empire of the 19th century as background, then focus on the Arab world, Turkey, Iran, and Israel of the 20th and 21st centuries. In the process, such current concerns as nationalism, modernization, Islamic Fundamentalism, and Arab-Israeli disputes will be examined in their historical setting.

HIS 4693, 5693. African History. A study of the different civilizations in Africa and the resistance to the imposition of colonial rule on that continent.

HIS 4713, 5713. Social and Political Thought. (See PSC 4073, 5073.)

Seminars

HIS 4803. (WI) Seminar in History. A seminar designed to introduce students to methods and principles of historical research. Participants will research and write a seminar paper on a selected topic. Required of all history (BA) majors. Prerequisites: HIS 1013, 1023, 2053, and 2063.

Other

HIS 3503, 5503. History Internship. An off-campus internship for history majors requiring off-campus work with a government or other agency that incorporates historical research, management of historical archives, or other activities related to the profession of history. Instructor permission is needed to take this course. The course may be taken a second time with permission from the department chair.

HIS 4240. Social Sciences Research. All BSE/Social Sciences majors must enroll in this course in order to verify that they have completed the research paper requirement for their major: completion of this course is a requirement for graduation in the major. Students receive a grade of “CR” or “NC,” and the course is a zero credit-hour course.

Courses in Political Science

The political science curriculum is designed to help students understand politics and policy. Courses are offered in the areas of American politics, public law, public administration, international relations, and comparative government.

PSC 1013 (PLSC2003). American National Government. The principles, organization, and functioning of the national government of the United States.

PSC 1023 (PLSC2103). State and Local Government. The principles, organization, and functioning of state, county, and township government, with special reference to Arkansas.

PSC 2043. Comparative Government. A comparative study of the democratic governments of Great Britain, France, Germany, and Russia. Prerequisite: PSC 1013.

PSC 2083. Special Topics in Political Science. Analysis and discussion of selected topics in American Politics, Comparative Politics, or International Relations.

PSC 3033. Political Parties and Elections. This course studies the health of the political party system in the United States and examines the behavior of the American electorate, focusing on participation in elections, particularly presidential elections. Prerequisite: PSC 1013.

PSC 4053, 5053. American Constitutional Development. The American Constitution from its Colonial origins to the present: emphasizes the forces and philosophies that influenced its framing and its subsequent development by formal amendment, statutory elaboration, judicial interpretation, and change in usage. Prerequisite: HIS 2053; HIS 2063 (or) PSC 1013.

PSC 4073, 5073. Social and Political Thought. The development of political and social philosophies with special emphasis upon present conflicts. Prerequisite: nine semester hours in the social sciences, or consent of the instructor.

PSC 4103, 5103. American Foreign Policy. (See HIS 4233, 5233.)

PSC 3113. The Legislative Process. A study of the organization, functions, and behavior of state and national legislative bodies in the American political process. Special attention is given to basic problems of leadership, procedures, party, and interest group roles; and lawmaking by the electorate, the executive, and the courts. Trends of the legislative process here and abroad are also considered. Prerequisites: PSC 1013.

PSC 3143. Municipal Government. An analysis of functions and organizations of municipal governments and of contemporary problems faced by local governments. Prerequisites: PSC 1013.

PSC 3213, Judicial Process. A study of process and politics in national and state judiciaries. Includes judicial behavior, decisional processes, and impact of American courts. Prerequisite: PSC1013.

PSC 3353. (WI) Contemporary U.S. □ Eurasia Interaction. Analysis of pro-

spects for cooperation and conflict between the U.S. and the former Soviet empire on such topics as political and economic affairs, Third World competition, strategic and conventional military issues, as well as the trends of change inside the former U.S.S.R. and East Europe.

PSC 4063. Public Administration. An introductory study of the management of those aspects of the business of the citizens of the United States which are conducted by or receive major regulation from government. Prerequisite: PSC 1013.

PSC 4093, 5093. International Relations. This course is devoted to questions, issues, and problems that states and their governments have raised as a result of their relations as members of the international community. Prerequisites: PSC 1013.

PSC 4123. Internship. An off-campus internship for public administration and political science majors involving administrative work with a governmental agency. Open to juniors and seniors only.

PSC 4133, 5133. Political Behavior. This course examines the factors that influence the political behavior of the American people. It analyzes political socialization, political psychology, ideology, group differences, and how those factors affect the performance of democracy. How opinions are measured, the influence of the news media and variations in the American political culture will also be examined. Prerequisite: PSC 1013.

PSC 4163, 5163. (WI) Public Policy. Introduces students to the policy process: formulation, analysis, implementation, and evaluation. Open to juniors, seniors, and graduate students. Prerequisite: PSC 1013.

PSC 4173, 5173. Civil Liberties. A study of leading U.S. Supreme Court decisions on individual liberty and equality, including the social effects of those decisions. Prerequisites: PSC 1013.

PSC 4223, 5223. (WI) The American Presidency. An analysis of the American presidency, including the selection of the president and domestic and foreign policy powers of the office. Prerequisite: PSC 1013.

PSC 4233, 5233. Comparative Politics in the Middle East. A comparative study of the major nation-states in the Middle East. Prerequisite: PSC 1013.

PSC 4243, 5243. Comparative Politics in Africa. A comparative study of the major nation-states in Sub-Saharan Africa. Prerequisite: PSC 1013.

PSC 4253. South Asian Politics. A study of politics and government in South Asian, focusing on India, Pakistan, Bangladesh, Nepal, Bhutan, and Sri Lanka. Prerequisite: PSC 1013.

PSC 4303. (WI) Research Methods. Introduces basic elements of research in political science: research design, research problems, measurement, data collection methods, data processing and analysis, index construction, sampling methods, and hypothesis testing. Required of all political science and public administration majors. Prerequisite: junior or senior standing.

SOCIOLOGY

Dr. Herman Gibson, III, Chair; Dr. Rigsby, Dr. Sharma, Dr. Shepherd, Dr. Trubitt, Dr. Vetter

Sociology is the systematic study of the social behavior of individuals as well as the working of social groups, organizations, cultures and societies. Study in sociology provides a scientific perspective for studying the effects of cultural and social forces on individuals, groups, and institutions. Students who major in sociology are given the opportunity to study in the field of family and gender relations, gerontology, crime and delinquency, as well as sociological theory, research methodology, and statistics. Graduates are prepared for positions in industry, government, private and public agencies, and in education and research organizations.

Sociology is an especially appropriate major or minor for students entering any of the helping professions. For those who wish to become professional sociologists, an excellent preparation for graduate school is available.

Students selecting the Human Services major typically desire positions in institutions, private and public, which provide direct services to diverse groups in our society. Graduates are prepared for positions in industry, government, private and public agencies, and in education and research organizations. They will be confronting the human consequences of problems such as crime, poverty, alcoholism, child abuse, and discrimination. The curriculum includes required and elective courses, advising, and a supervised field experience in one or more human service agencies. Graduates will also have the choice of pursuing advanced study in fields such as social work, administration, counseling, psychology, and sociology.

The Sociology Department offers certificate and minor in gerontology which prepares students to understand the aging process, needs of the elderly, programs that are accessible for the elderly, and the issues of death and dying. The Gerontology Program prepares to work with various community, state, and private agencies. Contact person, Dr. Shanta Sharma (email sharma@hsu.edu).

A minor in anthropology is offered which provides students with an opportunity to examine the discipline as a possible area of graduate study. In addition, exposure to field experience in archeology is possible.

A popular minor, instruction in sociology provides an excellent foundation and support for the education of teachers, nurses, and managerial science majors. The department encourages and supports interdisciplinary study, recognizing the usefulness of sociology for students with primary interests in another discipline.

Sociology and Human Services offer an interdisciplinary minor in Criminal Justice. The Criminal Justice profession seeks to encompass the preservation and protection of social order in a free society. It includes principles such as democracy, law, civil liberties, and procedural processes safeguarding citizens against intimidation, oppression and crime. The curriculum is based upon the University's liberal arts core and is designed to prepare students for higher education and entering careers in criminal justice. We focus upon helping students achieve: knowledge and reasoning, the integration of ability and skills, professional conduct and ethics, and a vision for the future of the profession that can adapt as society does.

Sociology and Human Services offer an interdisciplinary minor in Human Services.

The Department of Sociology and the Department of Family and Consumer Sciences jointly administer an interdisciplinary minor in child and family dynamics. Contact persons for this program are Dr. Herman Gibson, chair of sociology and human services (email gibsonh@hsu.edu) and Dr. Patti Miley, chair of family and consumer sciences (email mileyp@hsu.edu).

Requirements for the Bachelor of Arts Degree in Sociology		Hours
SOC 1013	Introduction to Sociology.....	3
SOC 3103	Statistics	3
SOC 3113	Contemporary Theory	3
SOC 4213	Research Methods	3
SOC 4323	Senior Thesis.....	3

DIRECTED SOCIOLOGY ELECTIVES

Choose 18 hours of sociology coursework.

FOREIGN LANGUAGE

Choose two courses (6 hours) from the selection below:

- _____ SPA, GER, FRE 2033
- _____ SPA, GER, FRE 2043

MINOR

Choose 12 to 18 hours of sociology coursework.

**Requirements for the Bachelor of Science Degree
with a Major in Human Services**

		Hours
HS 2013	Introduction to Human Services.....	3
HS 3023	Social Welfare Policy and Institutions	3
HS 3033	Methods I	3
HS 4043	Human Behavior and the Social Environment	3
HS 4052	Methods II.....	2
HS 4081	Practice Seminar	1
HS 4066, 4076	Field Experience	12

Other Required Courses:

SOC 2193	Racial and Cultural Minorities	3
SOC 2023	Social Problems	3
SOC 3103	Statistics	3
SOC 4213	Research Methods	3
SOC 4223	Childhood Socialization or	
PSY 2263	Developmental Psychology.....	3
PSY 1013	General Psychology	3

Under advisement, students must select 18 hours of directed electives from the following programs: Sociology, Psychology, and Family and Consumer Sciences.

HUMAN SERVICES RESEARCH TOOLS CLUSTER

DIGITAL and RESEARCH CLUSTER

Choose six hours of coursework from the following selections:

CSC 2003	Intro to Computers	3
CSC 2163	Microsoft Excel.....	3
CSC 2301	Introduction to HTML	1
CSC 2312	Advanced HTML	2
BTE 2133	Word Processing I.....	3
BIS 2073	Foundations of Information Systems	3
ART 1793	Digital Skills for Artists	3
LIB 3003	Library Research Methods	3

CRITICAL THOUGHT AND COMMUNICATION CLUSTER

Choose one course (3 hours) from the selection below:

COM 2513	Leadership and Group Communication	3
COM 3273	Organizational Communication	3
COM 3413	Female/Male Communication.....	3
COM 3533	Interpersonal Communication.....	3
COM 3813	Business and Professional Communication	3
ENG 2133	Rhetoric and Argument.....	3
PHI 2133	Logic and Argument	3
PSY 3233	Critical and Analytical Thinking.....	3
PSY 4343	Advanced Statistics	3

Human Services or Anthropology Minor

A minor in human services or anthropology is possible. Students are required to take 12 hours in either of the two areas. A minor in criminal justice requires 18 hours.

Sociology Minor

SOC 1013	Introduction to Sociology.....	3
SOC 2023	Social Problems	3
	Sociology Electives.....	9
	Total hours	15

A minor for the Bachelor of Arts degree requires at least 12 semester hours, at least three of which must be at the Senior College level.

Criminal Justice

The mission of the Criminal Justice Program at Henderson State University is to advance theory, practice, and cause of criminal justice through scholarship, teaching, training, and technical assistance in responding to the needs of students, criminal justice professionals, and society. The criminal justice programs are administered through the Department of Sociology and Human Services, Ellis College of Arts and Sciences. The Department offers a minor in Criminal Justice and

a major, Bachelor of Arts in Criminal Justice. Each program is embedded in a liberal arts education.

Bachelor of Arts in Criminal Justice

The academic program for the criminal justice major requires 120 credit hours. The Department’s goal for the criminal justice major program is being committed to high quality instruction.

The major program consists of two options. Option I follows an academic classroom model, preparing the student for either entry to employment, or for advanced graduate or professional studies. This option requires a 15 hour class component with a required writing intensive capstone in which the student will exemplify the knowledge of and application of theory, conceptualization, research methods, operationalization, observations, and data processing and analysis in a directed project followed by an oral presentation. Option II provides the student with an alternative service learning experience that includes a 15 hour field practicum enhancing employability. This option prepares the student for entry level criminal justice jobs.

Option I is designed to provide those students wishing to pursue a graduate or other professional degree with a firm foundation in research design, statistics, and sociological and criminological theory. Option II is designed to provide those wishing to directly enter a criminal justice career with the professional skills to analyze criminal justice and criminological issues through academic and applied settings.

Major Required Courses (21 Hours)

CRJ	2013	Introduction to the Criminal Justice System.....	3
SOC/CRJ	3103	Statistics	3
SOC/CRJ	3133	Juvenile Delinquency & Offenses	3
CRJ	3513	Due Process & Criminal Procedure.....	3
CRJ	4023	Criminal Law & Criminal Responsibility.....	3
CRJ	4093	Criminological Theory & Behavior.....	3
SOC/CRJ	4213	Research Methods	3

DEGREE PROGRAM OPTIONS I AND II

Students seeking the Bachelor of Arts in Criminal Justice may choose between two options. In addition to completing all other requirements for the degree, students may choose either Option I or Option II. Option I requires completion of 15 hours of traditional classroom curriculum as follows: 6 hours of course work from the approved Criminal Justice Electives, 6 hours of course work from the approved Directed Electives, and the 3 hour required Senior Thesis Capstone. Option II requires completion of the 15 hour Practicum Block.

OPTION I: Classroom Based and Required Capstone (15 Hours)

SOC/CRJ	4323	(WI) Senior Thesis	3
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Option I CRJ Electives (6 hours)

SOC/CRJ	2053	Criminal Justice Training	3
SOC/CRJ	3163	Collective Behavior.....	3

SOC/CRJ 3343	(WI) Social Movement and Change	3
SOC/CRJ 4043	Special Topics	3
SOC/CRJ 4503	Domestic Violence	3

Option I Directed Electives (6 hours)

SOC 2023	Social Problems.....	3
SOC 2193	Racial and Cultural Minorities	3
PSC 4053	American Constitutional Development	3
PSC 3213	Judicial Process	3
PSC 4063	Public Administration.....	3
PSC 4173	Civil Liberties.....	3
PSY 3333	Forensic Psychology.....	3
HS 2013	Introduction to Human Services	3
HS 4043	Human Behavior and the Social environment	3

FOREIGN LANGUAGE (6-12 hours)*

___	SPA, GER, FRE 2033
___	SPA, GER, FRE 2043

*** Credit in two or more languages will not satisfy the requirement. Students must successfully complete six hours in intermediate level or above of a principal modern foreign language.** The Foreign Language Department may require prerequisites before enrolling in intermediate or higher level courses. Students may select these courses in satisfaction of electives.

MINOR: (21 hours)

ELECTIVES: (6-12 hours)

OPTION II: Practicum Block (15 Hours)

THE REQUIRED PRACTICUM “BLOCK” BELOW CAN ONLY BE TAKEN AFTER COMPLETING ALL PROGRAM REQUIREMENTS & ELECTIVE COURSES!

HS/CRJ 3033	Methods I.....	3
HS/CRJ 4066/4076	Field Experience	12

TOTAL PROGRAM 120 Hours

Criminal Justice Minor

The minor in criminal justice requires completion of 18 credit hours consisting of a nine hour core and nine hours of directed electives.

Criminal justice students in the minor program will gain insight and knowledge in theory, and major substantive areas in the field. The minor is designed for students wishing to complement their major field of study and/or enhance their entry into employment.

Core Required Courses **9 Hours**

CRJ 2013	Introduction to the Criminal Justice System	3
CRJ 3133	Juvenile Delinquency and Offenses	3
CRJ 4093	Criminological Theory and Behavior.....	3

Directed Electives **9 Hours**

SOC 2023	Social Problems	3
SOC 2193	Racial and Cultural Minorities	3
CRJ 3163	(WI) Social Movements and Change	3
CRJ 4023	Criminal Law and Criminal Responsibility.....	3
CRJ 3513	Due Process and Criminal Procedure.....	3
CRJ 3343	Deviant Behavior	3
CRJ 4503	Domestic Violence.....	3

Total Hours..... 18

Criminal Justice minor students should take American National Government as one of their general education social science requirements. Students should have this course before taking core courses or Criminal Procedure.

Child and Family Dynamics Minor

The following are the courses required and optional for this minor:

Core Required Courses **Hours**

FCS 2063	Parenting	3
FCS 3123	Family Relationships	
	or	
SOC 3033	Marriage and the Family	3
FCS 4374	Child Development	
	or	
SOC 4223	Childhood Socialization.....	3
HS 3023	Social Welfare Policy and Institutions	3

Six hours of electives from the following:

FCS 2103	Nutrition.....	3
FCS 4183	Family Resource Management	
	or	
FCS 4203	Consumer Education	3
FCS 4193	Family Housing Problems.....	3
SOC 3043	Sociology of Education.....	3
SOC 3133	Juvenile Delinquency	3
SOC 4503	Domestic Violence.....	3
	Total Hours	18

Certificate and Minor Program in Gerontology

The Certificate and Minor Program in Gerontology will enable students to earn extra qualifications while they are working toward their B.A. degree in

Human Services or Sociology, as well as enhance their job marketability. This program would also benefit currently employed caregivers in the field of aging and those interested in learning more about the elderly. Student should see gerontology advisor, Dr. Shanta Sharma (email sharma@hsu.edu).

Required Courses:	Hours
SOC 4483	Medical Sociology .....3
SOC 4383	Social Gerontology .....3
SOC 4183	Death and Dying .....3
SOC 4443	Human Services for the Aged .....3
SOC 3273	Community Service .....3
	Total hours 15

Human Diversity Minor

The undergraduate minor in human diversity provides students with a broad intellectual framework for understanding common human experience and differences. Courses fulfilling this requirement foster respect for the diversity of people and cultures within the bond of humankind. This minor examines differences and similarities in individual human behavior as related to issues such as race, ethnicity, gender, gender roles, creed, religion, culture, age, body type, physical conditions, sexual orientation, learning differences, social skills differences, intelligence level, regional differences, language, dialect, socioeconomic status, and other areas of individual and group differences.

The minor is jointly administered by the departments of Psychology and Sociology. Students are required to take 18 hours of coursework including Human Diversity (PSY 2373); Racial and Cultural Minorities (SOC 2193); Social Psychology (either SOC 3143 or PSY 3063 — although we normally stress the deep differences between these two classes, for purposes of this minor either provides a useful foundation for considering interactions with diverse people); and nine hours of electives.

Core Required Courses	Hours
PSY 2373	Human Diversity .....3
SOC 2193	Racial and Cultural Minorities .....3
PSY 3063	Social Psychology or
SOC 3143	Social Psychology .....3
	Diversity Electives .....9
	Total Minor Requirements 18

Nine hours of electives from the following, including at least three hours from Group A:

Group A: Broader Diversity Issues

ANT4053/SOC4063	World Cultures
COM 3413	Female/Male Communication
EDU 4493	Global Studies
GEO 2163	World Geography
PHI 3023	Religions of the World
PSY 2023	Abnormal Psychology
PSY 3043	Cross-Cultural Psychology

SOC 4263	Stratification and Poverty
SOC 4293	Sociology of Gender Roles
SOC 4383	Social Gerontology

Group B: Specialized Diversity Issues

ENG 4483	Acquisition of English as a Second Language
FRE 3223	French Culture and Civilization
GEO 3153	Geography of Latin America
GER 3223	German Culture and Civilization
HIS 4333	American Women's History
PSY 2263	Developmental Psychology
PSY 3113	Personality
SOC/HS 4443	Human Services for the Aged
SPA 3623	Civilization and Culture of Latin America
SPE 3013	Psychology of the Exceptional Child
	or any non-Western Culture course not in Group A

Classes used to meet the requirements of this minor may not also count toward major requirements. To promote exposure to a variety of perspectives on diversity issues, no more than nine of the 18 hours may come from a single discipline. Psychology and sociology students may not use classes from their respective majors to count toward the electives for this minor. Because studies in human diversity should include interaction with one's fellow human beings, no coursework completed by distance learning (correspondence or Internet) may count toward this minor.

Courses in Criminal Justice

CRJ 2013. Introduction to the Criminal Justice System. An introductory course designed to familiarize students with the criminal justice system, the sub-systems and how they interrelate, the legal and ethical foundations of the system, the process offenders, punishment and alternatives, and the future of the criminal justice system. Prerequisites: SOC 1013 Introduction to Sociology, or HS 2013 Introduction to Human Services, or consent of the instructor. Fall, Spring.

CRJ 3033. Methods I. Introduction to basic objectives, skills, tasks, and activities essential to generic human and social services, and criminal justice professions. Educationally directed field instruction is introduced via field experience in selected human services agencies and criminal justice agencies. Prerequisites: HS 2013 or CRJ 2013. Fall.

CRJ 3103. Statistics. A basic course in descriptive and inferential statistics. General education math requirements must be met before taking this course. Fall, Spring, Summer.

CRJ 3133. Juvenile Delinquency and Offenses. This course will apply sociological analysis to the social problem of juvenile delinquency. Theory, cause, control, and prevention will be the major themes of the course. Prerequisites: SOC 1013 and CRJ 2013, or instructor's permission. Spring.

CRJ 3163. (WI) Social Movements and Change. An examination of the nature of social movements particularly in light of the nature of protest and potential for violence. Activism is constantly going on in our world. Globalization as well as advancing communication technologies have played a role in worldwide partici-

pation in social movements. This study will examine a variety of local, national and international movements. It examines the characteristics of social movement and protest as forms of collective action, major social trends in terms of dynamic effect on society, and centers on theoretical frameworks for understanding the causes, types, and life cycle of social movements. Prerequisites: 9 hours of sociology or criminal justice or a combination of sociology and criminal justice. Fall.

CRJ 3343. Deviant Behavior. Analysis of the extent, distribution and character of deviance with particular emphasis on the sociological explanations of underlying factors. Prerequisites: SOC 1013 and CRJ 2013. Fall, Spring.

CRJ 3513. Due Process and Criminal Procedure. This course is designed to explore and evaluate the requirements of the American system of criminal procedure, especially regarding the legal requirements of search and seizure, interrogation, right to counsel, identification, remedies for Constitutional violations and professional misconduct, court proceedings before and during trial, and conviction and post-conviction. Prerequisites: Nine hours of criminal justice or instructor approval. Fall.

CRJ 4023. Criminal Law and Criminal Responsibility. An analysis of criminal acts and principles of criminal responsibility, the elements of specific crimes, punishments, and defenses and mitigating circumstances permitted in the United States legal system. Prerequisites: CRJ 2013 Introduction to the Criminal Justice System or consent of the instructor. Spring.

CRJ 4043. Special Topics. This elective is designed for faculty to teach special courses in their areas of expertise, to offer courses for particular interest to students, and to address contemporary issues in the study of sociology, criminal justice, and human services. The topics will vary each time the course is taught, and will be announced when the course is offered. Senior level special topics may include Sociology of Religion, Corrections, Victimization, The Aging Criminal Population and Social Issues, Cultural Study Trips. The course may be repeated when a different topic is taught. Maximum of 6 hours will count toward the degree. Prerequisites: Senior or above standing. On demand.

CRJ 4066, 4076. Field Experience. Educationally directed field experience, with block placements in selected social welfare agencies for HS students and criminal justice agencies for criminal justice students, incorporating field instruction by qualified practitioners and professionals. Limited to the human services major and criminal justice major. Prerequisites: 12 hours of Human Services courses, or 12 hours of Criminal Justice courses. Fall, Spring.

CRJ 4093. (WI) Criminological Theory and Behavior. Theories of causation, methods of treatment, preventive programs, and the practices of institutions and agencies working with crime and criminals. Prerequisites: SOC 1013, CRJ 2013 and CRJ 3133. Fall.

CRJ 4213. (WI) Research Methods. The principal techniques of sociological analysis with emphasis on measurement and design. Fall, Spring.

CRJ 4323. (WI) Senior Thesis. A capstone course for all seniors majoring in sociology involving the realization of the sociological imagination exemplifying the process of theory, conceptualization, research methods, operationalization, observations, data processing, and analysis in a directed project. Students will make an oral presentation of their project results through a departmentally approved review process or an approved undergraduate symposium. Prerequisites: CRJ 3103,

CRJ 4213, and CRJ 4093. Fall, Spring.

CRJ 4503. Domestic Violence. This course will treat theories of physical and psychological violence and aggression as they apply to the interpersonal relationships within the home. rape, child abuse, spouse battering, sibling abuse and elder abuse are focal topics. Summer.

Courses in Sociology

SOC 1013 (SOCI1013). Introduction to Sociology. A basic course in sociology. Fall, Spring, Summer.

SOC 2023 (SOCI2013). Social Problems. The nature, cause, and treatment of selected current social problems with emphasis on the student's development of critical analysis skills. Fall, Spring.

SOC 2051-6. Criminal Justice Training. A course designed to give credit to students for professional training in other than a formal academic class. The credit is based on a formula of 60 clock hours of training being equal to one hour of academic credit and courses must be accredited by the Commission of Law Enforcement Standards and Training or an equivalent licensure body in another state. On demand.

SOC 2193. Racial and Cultural Minorities. A study of the interaction of ethnic and cultural groups in America; process leading to group prejudices, conflicts, and accommodations. Consideration will be given to racism, sexism, and ageism. Fall.

SOC 3033. Marriage and Family. A functional course which will acquaint the student with research findings of sociology, psychology, and home economics, and which relate to the institution of the family and the practice of courtship and marriage. Behaviors and values will be explored using the technique of cross-cultural comparisons. Fall, Spring.

SOC 3043. Sociology of Education. Studies of social processes and interaction patterns of the school to the community, to other social institutions, and to social change. Spring.

SOC 4063, 5063. World Cultures. A worldwide survey of traditional non-Western cultures, from small scale foragers and farmers to socially complex non-Europeans of the recent past and present. We will look comparatively at ways that different people solve universal human problems, examine closely a sample of cultures to consider the interconnections among social, ideological and material aspects of life and consider relationships between Western and non-Western cultures on issues of worldwide concern like ecological change, warfare, and industrialization. Meets the non-Western cultural requirement. Fall, Spring.

SOC 3073. Complex Organization. An examination of the relationship between labor and management in differing organizational structures and under differing management philosophies. Prerequisite: SOC 1013, or consent of the instructor. On demand.

SOC 3103. Statistics. A basic course in descriptive and inferential statistics. General education math requirements must be met before taking this course. Fall, Spring, Summer.

SOC 3113. (WI) Contemporary Theory. The development and convergence of modern sociological theories. Prerequisite: six hours of sociology. Spring.

SOC 3133. Juvenile Delinquency. This course will apply sociological analysis to the social problem of juvenile delinquency. Theory, cause, control and prevention will be the major themes of the course. Prerequisite: SOC 1013 or instructor's permission. Spring.

SOC 3143. Social Psychology. A survey of the major theoretical perspectives and research areas in the field. Emphasis is placed upon the traditional perspectives in sociology: symbolic interactionism, including therein dramaturgy, ethnomethodology, and phenomenology. A clear distinction is made between a sociological and a psychological perspective. Every other Spring.

SOC 3163. Collective Behavior. The emergence and nature of the collectivity and its culture and functions in terms of social organizations, value orientations, conventionalizations, and effectiveness in social change and social stability. On demand.

SOC 3243. Demography. A study of the characteristics, problems, and issues relating to the population of the United States and the world. Attention is given to birth and death rates, expectation and span of life, migration, and levels of living. Prerequisite: SOC 1013 and six additional hours of sociology, geography, and economics. On demand.

SOC 3253. Group Dynamics. An analysis of small group structure and function with emphasis on leadership, membership, attitude and value formation, and role theory. Prerequisite: SOC 1013 or consent of the instructor. On demand.

SOC 3273. Community Service. Designed to provide concerned students an opportunity to make relevant contributions to the community through service in an organization, agency, or program in the forefront of combatting social and environmental problems. Students will spend from eight to 10 hours each week in supervised community service. Prerequisite: Nine hours of sociology. On demand.

SOC 3343. Deviant Behavior. Analysis of the extent, distribution and character of deviance with particular emphasis on the sociological explanations of underlying factors. Prerequisite: SOC 1013. Fall, Spring.

SOC 3473. Sociology of the Community. Community life, its problems, institutions, groups, personalities, social structure and organization. An inquiry into various issues of existing research, pertinent theory and community planning for rural areas. On demand.

SOC 3513 Due Process and Criminal Procedure. This course is designed to explore and evaluate the requirements of the American system of criminal procedure, especially regarding the legal requirements of search and seizure, interrogation, right to counsel, identification, remedies for Constitutional violations and professional misconduct, court proceedings before and during trial, and conviction and post-conviction. Prerequisite: Nine hours of sociology, or instructor approval. Fall.

SOC 4093. Criminological Theory and Behavior. Theories of causation, methods of treatment, preventive programs, and the practices of institutions and

agencies working with crime and criminals. Prerequisites: SOC 1013, 2023. Fall.

SOC 4123, 5123. Seminar in Sociology. An analysis of selected aspects of social organizations. Prerequisite: nine hours sociology. On demand.

SOC 4173. (WI) Research Problems. An analysis of current problems, and development in sociological study with emphasis on acquisition, analysis, and interpretation of social information. Includes directed research relating to educational, occupational, and community problems of sociological significance. Designed to encourage the student to apply sociological principles and concepts to practical social problems with coordination and sharing of research problems and results as they develop. Prerequisite: 12 hours in social sciences including at least six hours of sociology. On demand.

SOC 4183, 5183. Death and Dying. An inquiry into various issues in dying, death, and bereavement, with attention to existing research, pertinent theory, relevant social organization and processes, and philosophical and ethical questions. An experiential study which examines feelings and attitudes toward death of others and of oneself. Spring.

SOC 4213. (WI) Research Methods. The principal techniques of sociological analysis with emphasis on measurement and design. Fall, Spring.

SOC 4223. Childhood Socialization. A study of the processes and outcomes of socialization from birth to adolescence. Special attention is given to subcultural patterns and the different agencies of socialization. Prerequisite: SOC 1013 or consent of the instructor. Prerequisite: SOC 1013 or consent of the instructor. Summer.

SOC 4263. Stratification and Poverty. A study of the social forces and processes leading to socio-economic inequality and how this is manifested in the class structure of our society. A special focus is given to the impact of poverty. Prerequisite: six hours of sociology. Every other Fall.

SOC 4293. Sociology of Gender Roles. A study of the changing roles of women and men in American society. Comparisons are made with other societies. Prerequisite: Prerequisite: SOC 1013 or consent of instructor. On demand.

SOC 4303. Urban Sociology. An examination of the influence of urbanization upon the social, economic, intellectual, and cultural aspects of life. An analysis of techniques of urban research and a consideration of the international, national, state, and local methods of urban development. Prerequisite: SOC 1013 or consent of the instructor. On demand.

SOC 4323. (WI) Senior Thesis. A capstone course for all seniors majoring in sociology involving the realization of the sociological imagination exemplifying the process of theory, conceptualization, research methods, operationalization, observations, data processing, and analysis in a directed project. Students will make an oral presentation of their project results through a departmentally approved review process or an approved undergraduate symposium. Prerequisites: SOC 3103, SOC 4213, and SOC 3113. Fall, Spring.

SOC 4383. Social Gerontology. An introduction to the sociology of aging; analysis of aging in its individual, social, and cultural aspects. Prerequisite: six

hours of sociology. Fall.

SOC 4443. Human Services for the Aged. Consideration of programs at the federal, state, local, and private levels. Preparation in planning, coordination, and administration of multipurpose institutions for the aged. Spring.

SOC 4483. Medical Sociology. An examination of the institution of medicine and social causation of disease, illness, and rehabilitation. Topics include health-care service delivery, social aspects of healing, and the nature of the health profession. Fall.

SOC 4503. Domestic Violence. This course will treat theories of physical and psychological violence and aggression as they apply to the interpersonal relationships within the home. Rape, child abuse, spouse battering, sibling abuse and elder abuse are focal topics. Summer.

Courses in Anthropology

ANT 2013 (ANTH2013). Introduction to Cultural Anthropology. A survey of traditional, non-European cultures around the world in the present and recent past. Using anthropological theories and methods, the course examines similarities and differences between cultures in the way people solve common human problems. Select societies will be examined in detail. Every other Spring.

ANT 2023 (ANTH1013). Introduction to Physical Anthropology and Archeology. Prehistoric human cultural development is examined through evidence from fossils, tools and archeological sites. Related data from primate studies, genetics and cultural anthropology are used to examine current theories of human biological and cultural origins and development. Methods and techniques of physical anthropology and archeology are reviewed. Every other Spring.

ANT 3043. North American Indians. Survey of American Indian cultures north of Mexico, including an examination of their origins, prehistory and archeology, and cultural diversity. A selection of Indian cultures in each of the geographic subdivisions of North America will be examined in detail, including Indians of Arkansas. Similarities and differences among Indian groups in respect to ecology, as well as social, political and religious cultural subsystems will be explored. Meets the non-Western Cultural requirement. Spring.

ANT 4053, 5053. World Cultures. A worldwide survey of traditional non-Western cultures, from small scale foragers and farmers to socially complex Non-Europeans of the recent past and present. We will look comparatively at ways that different people solve universal human problems, examine closely a sample of cultures to consider the interconnections among social, ideological and material aspects of life and consider relationships between Western and non-Western cultures on issues of worldwide concern like ecological change, warfare, and industrialization. Meets the non-Western Cultural requirement. Fall, Spring.

ANT 3096. Archeological Field School. This course is an intensive practicum in archeological field research methods. Students learn techniques of site survey, excavation, recording, and artifact identification through participation in an archeological dig. Summer.

ANT 4083, 5083. Readings and Research in Anthropology. Designed for

individuals at the senior level to conduct independent reading and research into selected topics of problem areas in any of the subfields of anthropology. On demand.

Courses in Human Services

HS 2013. Introduction to Human Services. A survey of human services as a field of study, with exploration of basic values and concepts underlying human services practice. Fall, Spring.

HS 3023. Social Welfare Policy and Institutions. Study of the origin and development of social welfare institutions, their organizational structure, and their mode of operation. Critical analysis of social policy is emphasized. Prerequisite: HS 2013. Fall.

HS 3033. Methods I. Introduction to basic objectives, skills, tasks, and activities essential to generic human services. Educationally directed field instruction is introduced via field experience in selected human services agencies. Prerequisite: HS 2013. Fall.

HS 4043. Human Behavior and the Social Environment. Application of the social system model to the behavioral aspects of societies, communities, organizations, groups, the family, and the person. Prerequisite: HS 2013. Fall.

HS 4052. (WI) Methods II. Continuing study and refinement of basic processes, skills, and professional activities essential to the entry level of human services practice. Content includes casework interventive methods, group work, and community practice. Prerequisites: HS 2013, HS 3023, HS 3033, HS 4043. Spring.

HS 4066, 4076. Field Experience. Educationally directed field experience, with block placements in selected social welfare agencies, incorporating field instruction by qualified practitioners. Limited to the human services major. Prerequisite: 12 hours of Human Services courses. Spring.

HS 4081. (WI) Practice Seminar. Combines selected readings, reports, research, and group projects with analysis and discussion of situations encountered by the student human services worker in field experience. To be taken concurrently with HS 4066,4076. Prerequisite: HS 2013, HS 3023, HS 3033, HS 4043. Spring.

HS 4183. Death and Dying. Inquiry into various issues in dying, death, and bereavement, with attention to existing research, pertinent theory, relevant social organization and processes, and philosophical and ethical questions. An experimental study which examines feelings and attitudes toward the death of others and of oneself. Spring.

HS 4443. Human Services for the Aged. Consideration of programs at the federal, state, local, and private levels. Preparation in planning, coordination and administration of multipurpose institutions for the aged. Spring.

DEPARTMENT OF MILITARY SCIENCE

**MAJ Duane Green, Officer-In-Charge; MAJ Kyle Schultz; CPT Ben Feicht;
CPT Correy Retzliff**

The Army Reserve Officers' Training Corps (ROTC) is an academic program which can lead to a commission as an officer in the Regular Army, the Army National Guard, or the U.S. Army Reserve. Instructors in the Military Science Department are members of the Regular Army, Army Reserve, Army National Guard, Army contractors, or government civilians assigned to Henderson State University for this purpose.

The ROTC program is divided into a two-year basic course and a two-year advanced course. During the basic course (freshman and sophomore years), students incur no military obligation, if not on a ROTC scholarship. Advanced placement credit for the two-year basic course may be given for prior military service or ROTC Leaders Training Course. Upon entering the advanced course (junior and senior years) a military obligation is incurred by the student signing a contract with the U.S. Army. Contracting is a requirement to enroll in the advanced course. Upon graduation students receive a commission as a Second Lieutenant either in the Regular Army, the Army Reserve (Federal) or Army National Guard (State). Students in the advanced course are required to go to a four-week course during the summer between their junior and senior years, the Leadership Development and Assessment Course (LDAC). Students may also attend Army schools such as Airborne and Air Assault Training between semesters.

Military Science Minor

MSC	3053	Advanced Leadership and Tactics I
MSC	3063	Advanced Leadership and Tactics II
MSC	4073	Applied Leadership and Management I
MSC	4083	Applied Leadership and Management II
ENG	3613	Technical Writing
		or
ENG	4453	Advanced Composition

One course from this list:

HIS	3083	Civil War and Reconstruction
PSC	2083	Special Topics in Political Sciences
HIS	4713	Social and Political Thought
HIS	4233	American Foreign Policy
HIS	3163	Recent America
PSC	4103	American Foreign Policy

Courses in Military Science

Basic Courses

MSC 1011. Introduction to the Reserve Officer's Training Corps (ROTC). MSC 1011 introduces students to the personal challenges and competencies that are critical for effective leadership and communication. Students will learn how the personal development of life skills such as cultural understanding, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic leader attributes and core leader competencies while gaining an understanding of the

ROTC program.

MSC 1021. Introduction to Leadership. MSC 1021 overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students will explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. The key objective is to explore in more detail the Army's leadership philosophy and learn fundamental military concepts. Emphasis on Army leadership will provide the student with a better understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

MSC 2032. Self/Team Development. MSC 2032 explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced by planning, executing and assessing team exercises. The focus continues to build on developing knowledge of the leadership attributes and core leader competencies through the understanding of Army rank, structure, and duties as well as broadening knowledge of land navigation. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos.

MSC 2042. Individual/Team Tactics. MSC 2042 examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MSC 3053. Advanced Leadership and Tactics I. This is an academically challenging course where students will study, practice, and apply the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership Lab, or during a Situational Training Exercise (STX) in a field environment. Successful completion of this course will help prepare students for success at the ROTC Leader Development and Assessment Course (LDAC) which students will attend the following summer at Fort Knox, KY. Students will receive systematic and specific feedback on their leader attributes values and core leader competencies from ROTC cadre and senior ROTC Cadets using the ROTC Leader Development Program (LDP) model.

MSC 3063. Advanced Leadership and Tactics II. The final semester of the Junior year continues focusing on the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team, squad, and platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership Lab, or during a Situational Training Exercise (STX) in a field environment. Successful completion of this course will help prepare students for success at the ROTC Leader Development and Assessment Course (LDAC) which students will attend in the summer at Fort Knox, KY. Students will receive systematic and specific feedback on their leader attributes values and core leader competencies from

ROTC cadre and Senior ROTC Cadets using the ROTC Leader Development Program (LDP) model.

MSC 3093. US Military History. Students will study and apply the history of the American military. This course builds an understanding of and integrates the principles and practices of changing economics, society and world events on military operations and American culture throughout the history of the United States. At the conclusion of this course, students will have knowledge of the American Military's history and the effects of a changing society and world economy on the American military.

MSC 4073. Applied Leadership and Management I. This semester transitions the focus of student learning from being trained, mentored and evaluated as a Junior Cadet to learning how to train, mentor and evaluate underclass Cadets. Senior Cadets learn the duties and responsibilities of an Army staff officer and apply the Military Decision Making Process, Army Writing Style, and the Army's Training Management and METL Development processes during weekly Training Meetings to plan, execute and assess battalion training events. Cadets learn to safely conduct training by understanding and employing the Composite Risk Management Process. Students learn how to use the Comprehensive Soldier Fitness (CSF) program to reduce and manage stress.

MSC 4083. Applied Leadership and Management II. The final semester of the advanced course explores the dynamics of leading in the complex situations of current military operations in unified land operations. Students will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Students also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing students for Army officer life, and their first unit assignment. Students explore Military Professional Ethics and ethical decision making, gain practical experience in Cadet Battalion leadership roles, demonstrate personal skills in operations and communications; evaluate and develop Junior Cadets as small unit leaders, and prepare for the transition to a career as an Army Officer.

MSC 4123. Independent Study in Leadership. The ROTC Program Officer-In-Charge will conduct leadership classes with students and assign additional coursework as needed to develop the student into a successful Army officer.

WOMEN'S AND GENDER STUDIES PROGRAM

Dr. Angela Boswell, Department of Social Sciences, Director. Steering Committee Members: Dr. Barron, Dr. Clardy, Dr. Gerhold, Dr. Rigsby

The Women's and Gender Studies minor is an interdisciplinary program with course offerings from several different departments throughout the university. Students who complete this minor will examine historical and cultural conditions crucial to understanding the construction of gender and the experiences of women in the U.S. and across cultures. The program features an interdisciplinary core course and cross-listed courses that challenge students to think critically about sexuality, gender, race, class, and nation.

Minor Requirements for Women's and Gender Studies

HUM 2153 Introduction to Women's and Gender Studies	3
Directed electives (with no more than 9 hours from any one discipline)	<u>12</u>
Total hours required for minor	15

HUM 2153. Introduction to Women's and Gender Studies. This course is designed to introduce students to the rich body of knowledge developed by women and about women and gender. The structure of gender and its consequences for women both in our own culture and throughout selected regions of the world will be studied from interdisciplinary perspectives. In addition, we will examine feminist theories, women's movements, and forms of feminist pedagogy. Prerequisite: ENG1463 and ENG1473 or ENG1803.

Electives (12 hours, no more than 9 hours from any one discipline):

COM 3413. Female/Male Communication. A study of the variable of gender as it influences verbal and nonverbal interaction between men and women. Why the verbal and nonverbal codes are different and how they may be modified to produce good communication.

ENG 4403. Topics in Women's Literature. This course will focus on poetry, prose, and/or drama by women. Topics will vary. For example, the course may be a survey of literature written by women of a particular period, movement, or culture, an examination of the works of an individual woman writer, or a cross-cultural exploration of a particular theme within women's literature. As course content varies, students may take this course twice.

FCS 3153. Family Relations. The dynamics of interpersonal relationships among family members at each stage of the life cycle.

HIS 4333. American Women's History. Examines the history of American women from the colonial era to the present, focusing on women's political organizations and social activism, economic importance, daily lives, and the ideological construction of gender roles.

PSY 4693. Love and Sexual Behavior. Intimate relationships including friendship, romance, sex, and marriage. The material looks at relational behavior that is normal or abnormal, mature or immature, healthy or unhealthy. Discussions will examine factors that may play roles in determining whether relationships succeed or fail, such as communication, negotiation, gender differences, cultural differences, and predictors of divorce. Topics include attraction, courtship, dating, mating, marriage, parenting, divorce, jealousy, fidelity, sexual response cycle, dysfunctions, paraphilias, obsession, impulsivity, sex crimes, and Internet relationships.

SOC 4293. Sociology of Gender Roles. A study of the changing roles of women and men in American society. Comparisons are made with other societies. Prerequisite: SOC 1013.

SOC 3033. Marriage and Family. A functional course which will acquaint the student with research findings of sociology, psychology, and home economics, and which relate to the institution of the family and practice of courtship and marriage. Behaviors and values will be explored using the technique of cross-cultural comparisons.

SOC 4503. Domestic Violence. This course will treat theories of physical and psychological violence and aggression as they apply to the interpersonal relation-

ships within the home. Rape, child abuse, spouse battering, sibling abuse, and elder abuse are focal topics.

THA 3473. (WI) Women, Gender and Race in American Theatre. A course designed to heighten the student's awareness of the role that women, gender, and race have played historically and play currently in the theatre arts of the United States. This course is designed to explore the wide range of theatre that is usually referred to as theatre of diversity, "theatre of the people," "fringe theatre," or even "theatre of difference."

*Special Topics courses offered on women's and gender issues may also be designated as minor electives by the Women's and Gender Studies Director.

*One seminar may be counted toward the elective requirements for the women's and gender studies minor if the topic of research is germane and approved by the director of the minor, even if the seminar is not specifically a women's and gender studies course.

General Courses

GEN 0053. Conversational English/International Students.

GEN 1023. Dynamics of Leadership.

GEN 1031. Henderson Seminar. A mandatory course designed for first-time entering freshmen, Henderson Seminar facilitates the transition of first-time freshmen to the university by introducing them to academic expectations and support services and by fostering engagement in university life beyond the classroom.

GEN 1041. American Culture for International Students. A mandatory course designed for all international students new to the United States. This course is intended to help international students to understand American values, laws, customs, family and social issues, and help them to cope with cultural differences. The course is required for all international students in their first semester at the university. (Exception are students transferring from United States universities above the rank of freshman.) All designated students must pass the course with a grade "C" or above.

GEN 3073, 5073. Travel and Study.

GEN 4083, 5083. Study Abroad: Non-Western.

Library Science

LIB 3003. Library Research Methods. The course provides an introduction to library and research skills. Students will learn how information is organized by libraries and indexing systems, how to create strategies for finding information, how to use print and electronic sources to locate information, and how to evaluate and cite information found. Students will use these skills to produce a short research paper or an annotated bibliography.

Reading Course

RDG 0043. Academic Reading. Students will improve their comprehension and critical thinking skills first by intensive, analytical practice with short reading

passages followed by the application of these skills to longer and increasingly difficult essays and articles. (Non-degree credit.)

SCHOOL OF BUSINESS

Dr. Brenda Ponsford, Dean

Dr. Nathan Campbell, Associate Dean

Dr. Aggarwal, Dr. Akoto, Dr. Blaylock, Dr. Claar, Ms. Clark, Mr. Cooper, Dr. DiMarzio, Ms. Francis, Mr. Jackson, Ms. Massey, Ms. Roberts, Dr. Rodriguez, Mr. R. C. Smith, Dr. Watters

Accreditation

Henderson State University's B.B.A. and M.B.A. degree programs are accredited by AACSB International - The Association to Advance Collegiate Schools of Business.

Vision Statement

The School of Business at Henderson State University will be recognized as the school of choice leading the educational, entrepreneurial, and economic development of southwestern Arkansas and the surrounding region.

Mission Statement

The School of Business at Henderson State University provides an educational environment in which excellent faculty, enthusiastic students, and engaged partners collaborate in experiential learning activities.

Core Values

- **Integrity**
We exhibit and expect high ethical standards and morality in all we do.
- **Intellectual Curiosity**
We promote education as a journey of intellectual curiosity.
- **Collaboration**

We actively promote faculty, student, and community collaboration in the educational process.

- **Excellence**
We strive for excellence in teaching, research, and service.

Purpose

Within the framework and the larger goals and objectives of the university, the role of the School of Business is to provide a well-rounded professional education

in business leading to the B.B.A. degree with majors in accounting and business administration. The School of Business seeks to help students develop abilities and skills which are both useful and adaptive to the needs of business and industry, professional organizations, and government. In addition, the School of Business attempts to improve the quality of life in the community and surrounding regions by serving as a bridge for the exchange of information and ideas concerning business and economics.

The School of Business offers a professional graduate program designed to prepare students in the more dynamic aspects of business practice and theory. The M.B.A. program focuses on development of the higher levels of management skills needed to deal effectively with the complex problems of today. For details, consult the Graduate Catalog. All programs are under the supervision of the Dean of the School of Business, and correspondence should be addressed to the Dean or the Associate Dean.

Requirements for Admission to the Undergraduate Business Program

A student enrolled at Henderson State University as a declared business major is officially admitted into the School of Business. Students are responsible for successfully completing prerequisites for each course. Students in violation of prerequisites may be dropped from a course.

General Requirements

Students pursuing a B.B.A. degree must complete a minimum of 120 semester hours to graduate. These hours will include the Liberal Arts Core requirements (see page 66), the Business Curriculum Core requirements (see below), the specific requirements of the major field selected, and various electives.

Candidates for the B.B.A. degree must complete a minimum of 50 semester hours of business courses with a grade of "C" or higher. A student may not present for graduation a grade lower than "C" in any course used to meet the requirements listed in the major field of study or area of concentration. At least 50 percent of the required business courses must be taken at Henderson State University. CLEP credit will not be accepted for business courses.

All candidates for the B.B.A. degree must take an exit exam designed to measure the candidates' knowledge of core business concepts. Exam results are part of the School of Business Assessment Program and are used to evaluate curriculum content and delivery to our students.

A broad-based education is vital to the effective business professional of today. Business majors should select a variety of non-business courses as free electives. Business majors may, but are not required to, minor in any of several non-business fields listed under The Senior College - Bachelor of Business Administration (page 72 of this catalog). Minor fields of study in business are not offered to students pursuing a B.B.A. degree but are available for non-business majors. These minor fields are accounting and business administration. Candidates for the

B.B.A. degree cannot double major in business.

Students pursuing the B.B.A. degree may select from the following areas as major fields: accounting and business administration. The business administration major supports the purpose of a well-rounded professional business program while allowing for additional study in the specific areas of business information systems, entrepreneurship, finance, management and marketing.

The Business Curriculum Core

In addition to the course requirements for each major in business, all students seeking the B.B.A. degree must complete a group of courses called "the business core." These courses cover a broad range of business topics which are considered to be essential for all business students. Particular emphasis is placed on the applications of decision-making principles based on current business practices, including the increasing use of quantitative management techniques. This core provides the foundation for additional study in the various business fields.

ACC	2013, 2023	Principles of Accounting A and B	6
ECO	2013, 2023	Principles of Economics	6
GBU	2013	Quantitative Analysis for Business Decisions	3
BIS	3103	Information Systems in Business.....	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications	3
FIN	3043	Business Finance	3
MGM	3113	Management and Organizational Behavior	3
MKT	3013	Fundamentals of Marketing.....	3
GBU	3133	Business Statistics	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management.....	3
			Hours 42

Computer proficiency* is desirable for ACC 2013; ACC 2023, ECO 2013, 2023; and GBU 2013. Core business courses may not be taken by correspondence. Junior and senior level business courses should not be taken prior to the accumulation of 60 hours of college credit, with the possible exceptions of GBU 3143, Legal Environment of Business, MGM 3013, Management Communications, and MGM 3113, Management and Organizational Behavior. Due to prerequisite courses, it is very important for the student to follow the proper course sequence. See School of Business Graduation Plans for comprehensive information.

* Computer Proficiency Defined: Students are required to have a passing grade in BIS 2073 or a comparable class, such as CSC 2003.

Accounting Major

Accounting courses are designed to achieve the following objectives: (1) to provide students with sufficient knowledge of accounting principles and practices in order to use accounting information effectively in the decision-making process

and (2) to provide students with sufficient specialized training in accounting principles and techniques to qualify them for accounting positions in business, government, and public accounting.

The accounting major provides the graduate with the qualifications for entry level accounting positions in industry, not-for-profit organizations, and accounting firms. Graduates planning a career in professional accounting with a public accounting firm should also plan to meet the requirements set forth by the Arkansas State Board of Public Accountancy to sit for the CPA examination. Accounting students should be aware that most states require 150 hours of education to sit for the CPA exam. The Arkansas State Board of Public Accountancy requires 150 semester hours of college credit, including at least a baccalaureate degree.

Requirements for a Major in Accounting

The student must complete the accounting courses indicated by * below with a grade of "C" or better. Accounting majors are expected to earn a grade of "C" or better in each prerequisite accounting course before progressing to the next course. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this major for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	*Principles of Accounting-A and B.....	6
ACC	3043	*Cost Accounting	3
ACC	3053, 3063	*Intermediate Accounting-I and II	6
ACC	3163	*Federal Income Tax Accounting.....	3
ACC	3253	*Accounting Information Systems	3
ACC	4083	*Advanced Accounting	3
ACC	4093	*Auditing.....	3
ACC	4243	*Not-for-Profit Accounting	3
BIS	3103	Information Systems in Business.....	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	Business Finance	3
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications	3
MGM	3113	Management and Organizational Behavior	3
MKT	3013	Fundamentals of Marketing.....	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management	3
			Hours 66

Requirements for a Minor in Accounting

The student must complete Principles of Accounting A and B, plus nine hours of upper-level Accounting electives for a total of 15 hours of accounting with a grade of "C" or better.

Business Administration Major

The Business Administration curriculum is structured to provide the broad education that students need for career success as future business executives.

A rapidly changing business environment makes it essential that future business leaders be broadly educated in order to adjust and adapt themselves to changing requirements. This curriculum is designed to provide students with a strong base from which to gain entry into an organization through either a Business Information Systems, Entrepreneurship, Finance, Management, or Marketing option and yet give the flexibility and upward career mobility necessary for advancement to general management.

Business majors are not allowed more than six hours total from the following advanced business electives: GBU4172, Business Mentorship Program; GBU4003, Internship in Business; and MGM4143, Small Business Management, to meet graduation requirements.

Requirements for the Business Information Systems Option

The student must complete the courses indicated by * below with a grade of “C” or better. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this focus area for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	Principles of Accounting A and B	6
BIS	3103	*Information Systems in Business.....	3
BIS	4043	*Systems Analysis and Design (or)	
CSC	3463	*Software Engineering	3
CSC	1104	*Foundations of Computer Science I.....	4
CSC	1114	*Foundations of Computer Science II	4
CSC	2173	*Assembler Language	3
CSC	2203	*Data Structures	3
CSC	3133	*Introduction to Database Theory	3
CSC	3223	*Algorithm Analysis.....	3
CSC	4283	*Introduction to Networking	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	Business Finance	3
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications	3
MGM	3113	Management and Organizational Behavior	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management	3
MGM	4193	*International Business.....	3
MKT	3013	Fundamentals of Marketing.....	3
MTH	2283	*Discrete Mathematics I.....	3
			Hour 74

Requirements for the Entrepreneurship Option

The student must complete the courses indicated by * below with a grade of

"C" or better. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this focus area for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	Principles of Accounting A & B.....	6
BIS	3103	Information Systems in Business.....	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	Business Finance	3
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
GBU	4213	*Intro to Entrepreneurship.....	3
GBU	4223	*Applied Entrepreneurship.....	3
MGM	3013	Management Communications	3
MGM	3113	Mgmt. & Organizational Behavior	3
MGM	4023	*Human Resource Management	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management	3
MGM	4153	*International Business.....	3
MGM	4143	*Small Business Management.....	3
MKT	3013	Fundamentals of Marketing.....	3
		*Advanced Business Elective**.....	3
			Hours 60

Requirements for the Finance Option

The student must complete the courses indicated by * below with a grade of "C" or better. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this focus area for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	Principles of Accounting A & B.....	6
BIS	3103	Information Systems in Business.....	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	*Business Finance	3
FIN	4073	*Advanced Financial Management.	3
FIN	4103	*Investment Principles	3
FIN	4213	*Security Analysis & Portfolio Management	3
FIN	4221	*Portfolio Management Lab	2
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications	3
MGM	3113	Mgmt. & Organizational Behavior	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management	3
MGM	4193	*International Business.....	3
MKT	3013	Fundamentals of Marketing.....	3
		*Advanced Finance Elective**	3
		*Advanced Business Elective **.....	3
			Hours 62

Requirements for the Management Option

The student must complete the courses indicated by * below with a grade of "C" or better. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this focus area for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	Principles of Accounting A and B	6
BIS	3103	Information Systems in Business.....	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	*Business Finance	3
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	*Management Communications	3
MGM	3113	*Management and Organizational Behavior	3
MGM	4023	*Human Resource Management.....	3
MGM	4073	*Operations Management.....	3
MGM	4133	*Strategic Management	3
MGM	4153	*Organizational Leadership.....	3
MGM	4193	*International Business.....	3
MGM		*Advanced Management Elective**	3
MKT	3013	Fundamentals of Marketing.....	3
		*Advanced Business Electives**	6
			Hours 60

Requirements for the Marketing Option

The student must complete the courses indicated with * below with a grade of "C" or better. This list does not include the liberal arts core required for graduation. See the School of Business Graduation Plan for this focus area for a comprehensive list. A total of 120 hours must be completed for graduation.

ACC	2013, 2023	Principles of Accounting A and B	6
BIS	3103	Information Systems in Business.....	3
ECO	2013, 2023	Principles of Economics	6
FIN	3043	Business Finance	3
GBU	2013	Quantitative Analysis for Business Decisions	3
GBU	3133	Business Statistics	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications	3
MGM	3113	Management and Organizational Behavior	3
MGM	4073	Operations Management.....	3
MGM	4133	Strategic Management	3
MGM	4193	*International Business.....	3
MKT	3013	Fundamentals of Marketing.....	3
MKT	4113	*Marketing Research	3
MKT	4163	*Consumer Behavior	3
		*Advanced Marketing Electives**	6
		*Advanced Business Electives***	3
			Hours 60

Advanced Finance Elective:
 **Any 3000 or 4000 level Finance course.

Advanced Management Electives:
 Any 3000 or 4000 level Management course.

Advanced Marketing Elective:

** Any 3000 or 4000 level Marketing course, or MMC 4113 Advertising Principles and Practices, or MMC 4193 Principles of Public Relations may be used for one Advanced Marketing elective.

Advanced Business Elective:

***Any 3000 or 4000 level course from ACC, BIS, ECO, FIN, GBU, MGM, or MKT may be used for an Adv. Business Elective.

Requirements for a Minor in Business Administration

The student must complete the courses listed below with a grade of “C” or better.

ACC	2013, 2023	Principles of Accounting A and B	6
ECO	2023	Principles of Microeconomics	3
MGM	3113	Management and Organizational Behavior	3
MKT	3013	Fundamentals of Marketing	3
		Advanced Business Elective*	3
		Total Minor Requirements	18

Advanced Business Elective:

*Any 3000 or 4000 level course from ACC, BIS, ECO, FIN, GBU, MGM, or MKT.

Courses in Accounting

ACC 2013 (ACCT2003). Principles of Accounting A. Fundamental principles of accounting for sole proprietorships and corporations including preparation of basic financial statements. Prerequisite: Computer proficiency is desirable.

ACC 2023 (ACCT2013). Principles of Accounting B. Fundamental principles of accounting for industrial enterprises along with an introduction to the use of accounting information in the decision-making process. Prerequisite: ACC 2013.

ACC 3043. Cost Accounting. Accounting techniques of decision making and control applied to the industrial enterprise. Emphasis is on costing manufacturing products and services, cost concepts, costing systems, historical and standard cost, accumulation and distribution of overhead cost. Prerequisite: ACC 2023.

ACC 3053. Intermediate Accounting I. An overview of the organization of the accounting profession along with analytical and interim accounting for assets and liabilities. Prerequisite: ACC 2023.

ACC 3063. Intermediate Accounting II. Analytical and interim accounting for equity, investments, income taxes, pensions, leases, and statement of cash flows. Prerequisite: ACC 3053.

ACC 3163. Federal Income Tax Accounting. Tax regulations applicable to individuals and business enterprises with emphasis on tax determination and planning. Prerequisite: ACC 2023.

ACC 3253. Accounting Information Systems. A study of accounting systems

design integrated into both manual and electronic data processing systems. Emphasis on system design concepts, internal control structures, and transaction processing systems. Prerequisite: ACC 2023.

ACC 3273. Survey of Accounting. Fundamentals of financial and managerial accounting, including preparation of basic financial statements and use of accounting information in the decision-making process. This course does not fulfill any School of Business undergraduate degree requirements.

ACC 4083. Advanced Accounting. A study of accounting and reporting for consolidated entities, foreign currency transactions and translation, and International Accounting Standards. Prerequisite: ACC 3053.

ACC 4093. (WI) Auditing. A study of fundamental audit principles, including audit reports, audit procedures, internal control, ethics, and client relationships. This is a writing intensive course. Prerequisite: ACC 3063.

ACC 4113, 5113. Advanced Auditing. A study of advanced issues including computer-based information systems, fraud, Security and Exchange Commission regulations, and ethics utilizing the case approach. Prerequisite: ACC 4093.

ACC 4173, 5173. Advanced Federal Income Tax. A study of the Internal Revenue Code as it applies to partnerships, corporations, and estates and trusts. Prerequisite: ACC 3163 or consent of the instructor.

ACC 4221-3, 5221-3. Special Studies in Accounting. Individual or group research and seminar discussions on special issues in the field of accounting. Prerequisite: ACC 3053 and consent of instructor.

ACC 4243, 5243. Not-for-Profit Accounting. The study of accounting procedures and regulations required for federal, state, and local governmental agencies; in addition, the course reviews required accounting principles for non-profit hospitals, public colleges and universities, public schools and other non-profit organizations. Prerequisite: ACC 2023.

Courses in Business Information Systems

BIS 2073. Fundamentals of Information Systems. This is a general introduction to computerized information systems, their economic and social implications, microcomputer hardware, personal productivity software and communication networks. Prerequisites: Basic computer skills and familiarity with the Internet.

BIS 3103. Information Systems in Business. This is an advanced discussion of application, design and the use of computerized information systems in the business environment, including the use of e-commerce and ethical and security concerns of electronic data and information in business today. Prerequisite: 45 credit hours, ACC 2013 and BIS 2073 or CSC 2003.

BIS 4043, 5043. Systems Analysis and Design. The study of the analysis, design, and implementation of information systems used to assist organizations in decision making. Emphasis is placed on the systems approach to decide what information is needed and how it should be collected, organized, and stored. The course examines the impact of information systems upon the organization structure. Prerequisites: BIS 3103 and junior-senior or graduate standing.

BIS 4081-3, 5081-3. Independent Study. Independent study in an area of

business information systems selected by the student and faculty advisor. Credit will vary from one to three hours. May be repeated. Prerequisite: Consent of the instructor.

BIS 4091-3, 5091-3. Special Topics in BIS. Variable content course, covering current and advanced topics in business information systems. Credit will vary from one to three hours. May be repeated with a change in content. Prerequisite: Consent of the instructor.

Courses in Economics

ECO 2013 (ECON2103). Principles of Macroeconomics. A study of macroeconomic principles including the market system, national income equilibrium, money and the banking system. Emphasis is placed on policies regarding inflation, unemployment, and economic growth and the government's effect on general business conditions. Computer proficiency is desirable.

ECO 2023 (ECON2203). Principles of Microeconomics. A study of microeconomic principles, including the foundation of demand (consumer theory), supply (theory of the firm), the operation of the market system, and government intervention. Emphasis is placed on application of these principles for business and government decision making. This course may be taken prior to ECO 2013. Computer proficiency is desirable.

ECO 3033. Money and Banking. A study of the functions of money, banks, credit, and their relation to price levels and business transactions. Emphasis is on the Federal Reserve System. This course may also be taken as an upper level elective for Finance students. Prerequisite: ECO 2013.

ECO 3223. Survey of Economics. Economics is the study of decision-making under conditions of scarcity. This course looks at the behavior of the individual consumer and firm, and their interaction with the government. The second half of the course studies the macro economy and focuses on the causes of inflation, unemployment, and interest rate changes. The international economy will also be considered. This course does not fulfill any School of Business undergraduate degree requirements.

Courses in Finance

FIN 2233. Beginning Investments. A non-quantitative overview of essential investment topics such as the types and characteristics of financial securities, investment industry structure and controls, and ethics and regulation. Includes an introduction to the essential business areas of accounting, macroeconomics, microeconomics, and statistics. Designed to prepare students to sit for the Claritas Investment Certificate exam as well as to prepare students to contribute to the active management of the Ross Whipple Student Managed Investment Fund through FIN 3xx1. May not be taken for credit if credit for FIN 4103 or FIN 4213 has already been earned. Prerequisites: Clear of remediation.

FIN 2183. Personal Finance. A study of the basics of personal money management. Topics include budgeting, banking services, credit, insurance, real estate, savings and investments, estate and retirement planning, and taxes.

FIN 3241. Beginning Investments Lab. Students assist in the active management of the Ross Whipple Student Managed Investment Fund under the guidance

of upper-level students. Activities include contributing to the analysis and reporting of the overall economy, sectors, and individual companies. This course may be repeated for a maximum of 3 hours credit. Prerequisites: FIN 2233 or FIN 3043.

FIN 3043. Business Finance. An introductory broad study of the field of finance with an emphasis placed on financial decision making in a business entity. Topics include financial statement analysis, stock and bond valuation, risk and return, capital budgeting, and sources and costs of financing. Prerequisites: ACC 2013; ECO 2013 or ECO 2023.

FIN 3173. (WI) Principles of Insurance. A study of the basic ideas, problems and principles found in all types of modern day insurance and of other methods of handling risks. This is a writing intensive course.

FIN 3193. Real Estate Principles. A comprehensive study of real estate, covering the economics of real estate, real estate appraising, real estate regulation, real estate valuation, real estate finance, rights in real property and their transfer, public programs relating to real property. Designed to help prepare students for real estate licensing examination in Arkansas.

FIN 3123. Financial Planning. This course addresses all of the major financial planning issues and problems that individuals and families encounter. The major financial planning tools and techniques are discussed. It covers topics essential for students who will be taking the Certified Financial Planner exam. Prerequisite: FIN 3043.

FIN 4221, 5221. Portfolio Management Lab. Students actively manage the Ross Whipple Student Managed Investment Fund. Activities include the analysis of the overall economy, sectors, and individual companies as well as the reporting of such analysis to fund stakeholders. This course may be repeated for a maximum of 3 hours credit. Corequisites: FIN 4103, 5103 or FIN 4213, 5213 or Prerequisite: FIN 4103 or FIN 4213.

FIN 4073, 5073. Advanced Financial Management. A review and extension of topics covered in FIN 3043 with a more rigorous and in depth approach. Notable topics include asset valuation, working capital management, cost of capital, and capital structure. Prerequisites: FIN 3043.

FIN 4103, 5103. Investment Principles. A study of financial markets and individual investment vehicles. Topics include equity and fixed-income valuation and markets, currency markets, risk and return measurement, investment transactions and positions, and derivative markets and instruments. Practical application is achieved through simulations and the management of the Ross Whipple Student Managed Investment Fund. Prerequisites: FIN 3043; Corequisites: FIN 4221 or 5221.

FIN 4161-3, 5161-3. Special Studies in Finance. Individual or group research and discussion on special issues in the field of finance. Prerequisite: FIN 3043 and consent of the instructor.

FIN 4213, 5213. Security Analysis and Portfolio Management. A study of the techniques used in selecting securities in the context of planning and constructing a well-diversified portfolio. Topics include technical and fundamental analysis, security valuation models, economic and industry analysis, return and risk measure-

ment, risk aversion and portfolio selection, ethics and professional standards. Practical application is achieved through simulations and the management of the Ross Whipple Student Managed Investment Fund. Prerequisites: ECO 2013, FIN 3043; Corequisites: FIN 4221 or 5221.

Courses in General Business

GBU 2013. Quantitative Analysis for Business Decisions. A study of basic principles of linear algebra and calculus with emphasis on applications to business problems. Includes: mathematical modeling, optimization, linear programming, calculus, mathematics of finance, probability and statistics. Prerequisites: MTH 1243 or MTH 1273; computer proficiency is desired.

GBU 3123. (WI) Business Ethics. This is a general introduction to the aspects of moral philosophy which are relevant to ethical decision making in business. The course is both theoretical and practical in nature, with relatively greater attention given to developing moral decision-making skills. The purposes of the course are to enhance the student's moral perspective and to enrich his/her knowledge of both ethical principles and facts about business practice requisite for making informed moral decisions.

GBU 3133. Business Statistics. The study of statistical methods for describing and analyzing data for use in business decisions. Topics include: data sources, descriptive statistics (frequency charts and graphs, central tendency, dispersion), probability and special probability distributions, sampling distributions, estimation techniques, hypothesis testing of means and proportions, analysis of variance, non-parametric statistics, regression analysis, time series and forecasting techniques, and quality control procedures. Prerequisite: GBU 2013.

GBU 3143 (BLAW2003). Legal Environment of Business. An introduction to the fundamental elements of the Anglo-American legal system and its common law origins. The scope of the course will include the application and operation of the legal system in the remedy of business disputes, the development and operation of the court system, and the regulation of American business and industry by the U.S. Government.

GBU 4003, 5003. Internship in Business. The course provides students with a hands-on, practical, business-world experience in their field of study. Through an internship, students will have firsthand experience applying academic knowledge and skills, interact and communicate with business professionals, while building a network of professional contacts and gaining self-confidence. Three semester hours credit maximum. Approval is required from the internship director and a faculty member in the student's focus area. Graduate internships must be approved by the MBA director. Current employment may NOT be used for credit in this course. Prerequisite: Instructor consent and other appropriate approvals. This is a credit/no credit course.

GBU 4153, 5153. Commercial Law. A study of the laws applicable to commercial transactions. Areas of law covered include contracts, the law of sales, commercial paper, secured transactions, suretyship, creditor rights, bankruptcy, and lender liability. Prerequisite: GBU 3143 or consent of the instructor

GBU 4163, 5163. The Law of Business Organizations. A study of the laws applicable to business organizations. Topics covered include agency law, partnerships, corporations, property rights, and the regulation of business, including anti-trust, securities regulation, and employment discrimination. Prerequisites: GBU

3143 or consent of the instructor.

GBU 4172, 5172. Business Mentorship Experience. This course provides students with professional businessmen and women to serve as mentors who will provide opportunities for practical application of skills students have developed in their course work. Insight is provided on successful ways to enter and function in the business world. Mentors offer suggestions on improving personal and professional skills, and provide students perspectives on what the business world expects of them as new graduates. Prerequisites: Completion of an application and consent of the faculty director of the Business Mentorship Program. Students entering this program should commit to both the fall and spring semester sessions; exceptions made at the discretion of the faculty director. This is a credit/no credit course. May be taken twice.

GBU 4191-3, 5191-3. Business Research Seminar. This course is designed to guide students in researching and writing a paper, which is to be submitted for publication. There will be a review of basic research methodology. The course includes a review of organizations, publications and the types of research they accept for publication. Prerequisite: Consent of the instructor.

GBU 4213. Introduction to Entrepreneurship. This course covers the broad aspects of starting and owning a business. Open to any student who has completed at least 45 credit hours. The course will focus on the initiation, planning, growth, and development of new and emerging ventures. Prerequisite: Minimum of 45 hours of college credit.

GBU 4223, 5223. Applied Entrepreneurship: This course is designed to develop an understanding of entrepreneurship and the business planning process. Topics will include entrepreneurial mindset, developing business plans, marketing, managing operations and financial management. Interested students should have a basic business idea in order to successfully complete the course. Prerequisites: GBU 4213 or MGM 4143. Instructor approval required to register. Prerequisite: Minimum of 45 hours of college credit.

Courses in Management

MGM 3013 (BUS2013). (WI) Management Communications. Emphasis is placed on applying and understanding principles of written communication as applied to the management process. Topics covered include letters, procedures, short case analysis, business reports, channels of communications, social networks, resumes, and job interviews. This is a writing intensive course.

MGM 3113. (WI) Management and Organizational Behavior. The study of concepts, principles, and practices necessary for effectively managing an organization in a dynamic environment. Includes an emphasis on human behavior in organizations. The course gives comprehensive coverage of such topics as formal and informal structure, environmental forces, planning, decision making, motivation, teams, and leadership. This is a writing intensive course. Prerequisites: 45 semester hours of credit.

MGM 4273, 5273. Quantitative Management in Spreadsheets. The course uses Excel spreadsheets as the medium for teaching quantitative management concepts. Coverage includes regression analysis, time series analysis and forecasting, optimization and simulation modeling. This course meets in the computer lab for

its entire duration. Knowledge of Microsoft Excel, Word, and at least junior standing are required for all students.

MGM 4023, 5023. Human Resource Management. This course examines the principles, theories and systems for attaining maximum contribution from each member of an organization toward the achievement of organizational objectives. The course explores how individual goals can be successfully merged with organizational goals through human resource planning, recruitment/selection, training/development, employee relations, and compensation and reward systems. Prerequisite: MGM 3113.

MGM 4073, 5073. Operations Management. A study of the principles and quantitative techniques of management utilized by the operations manager in the allocation of resources in manufacturing and service firms. The application of classical quantitative methods and current management science techniques to business problems. Prerequisites: GBU 3133; MGM 3113.

MGM 4133. Strategic Management. Emphasis is placed on the development of a philosophy of management by examining the strategic factors affecting organizations and management. Strategic management decisions are analyzed in order that they may be related to the whole philosophical framework of business. Detailed investigations are made on the effects of strategic decisions on sales, production, personnel, finance and international business. Special attention is given to ethical considerations in making business decisions. The BAT score (the exit exam required of all B.B.A. candidates) is an important part of the student's semester grade in this class. This class must be taken during the last 18 hours prior to graduation. Prerequisites: FIN 3043; MGM 3013, 3113, MGM 4073; MKT 3013.

MGM 4143, 5143. Small Business Management. This course is designed to develop an understanding of the many facets involved in developing, owning, and operating a small business. Topics will include entrepreneurial opportunities, developing business plans, marketing, managing the operation, and financial management. Prerequisites: ACC 2023; MGM 3113; MKT 3013; or consent of the instructor.

MGM 4153, 5153. (WI) Organizational Leadership. A study of the influence that leadership has on organizations. Topics covered will include human behavior in organizational settings; individual, team and organizational motivation factors; decision making and problem solving; group and team management; and organizational change and development. This is a writing intensive course. Prerequisite: MGM 3113.

MGM 4193, 5193. International Business. Introduction to the environment of international business with emphasis on cultural diversity, international institutions, government business interface, and global competition. Case studies will be used to emphasize issues. Country studies (both written and oral) will be developed and presented. Prerequisites: FIN 3043, MGM 3113, MKT 3013.

MGM 4241-3, 5241-3. Special Studies in Management. Individual or group research and discussion on special issues in the field of management. Prerequisites: MGM 3113 and consent of the instructor.

MGM 4253, 5253. (WI) Advanced Human Resource Management. This course studies problems in the field of human resource management, emphasizing

development of the ability to analyze problems and to apply management fundamentals to the human resources arena through cases, exercises, readings, projects, and a simulation. This is a writing intensive course. Prerequisite: MGM 4023 or consent of the instructor.

Courses in Marketing

MKT 3013. Fundamentals of Marketing. This course provides an introduction to basic concepts and terminology in marketing, including the following: the role of marketing in the economic system, the process of developing a marketing strategy, the external influences that affect a marketing strategy, the global and ethical considerations, and the basic analytical tools appropriate to marketing decision making. Prerequisites: ACC 2013, ECO 2023.

MKT 4033, 5033. Retailing. This course presents the principles and methods of modern retailing with particular emphasis on entrepreneurship and global and ethical issues. Project, paper and presentation required. Prerequisite: MKT 3013.

MKT 4053, 5053. Promotion Management. A course designed to improve the student's understanding of all of the major marketing communication functions: advertising, direct marketing, internet, sales promotions, public relations and personal selling. Students will learn how to plan, implement and evaluate an Integrated Marketing Communications strategy for a business. Prerequisite: MKT 3013.

MKT 4113, 5113. Marketing Research. Basic research concepts and techniques are applied to a marketing problem. Course is project based with a paper and presentation required. Prerequisites: GBU 3133; MKT 3013.

MKT 4131-3, 5131-3. Special Studies in Marketing. Individual research and group discussion on special problems in the field of marketing. Prerequisites: MKT 3013 and consent of the instructor.

MKT 4153, 5153. Sales Management. This course focuses on the details of the personal selling process in a contemporary business environment. It examines how organizations and individuals create value for customers through the personal selling process and customer relationship management. It also includes a survey of the unique challenges managers face working with professional sales people. Prerequisite: MKT 3013.

MKT 4163, 5163. Consumer Behavior. The study of buying units and the exchange processes involved in acquiring, consuming, and disposing of goods, services, experiences, and ideas. The main focus of the course involves identifying how an understanding of the exchange process, the individual influencers, and the environmental influencers can be used to develop marketing strategy. Prerequisite: MKT 3013.

AVIATION

Mr. Troy Hogue, Director; Mr. Miller, Mr. Moss, Mr. Wyman, Dr. Jerry Robinson (Professor Emeritus)

The aviation program is designed to allow a student to qualify for Federal Aviation Administration (FAA) certificates and also complete requirements for a Bachelor of Science degree. Flight training is offered to qualify for the following

certificates and ratings: Private Pilot Certificate, Commercial Pilot Certificate, Instrument Rating, Multiengine Rating, Flight Instructor Certificate, Instrument Instructor Rating, and Multiengine Instructor Rating.

Henderson State University is approved by the FAA to certify its qualified students for the Restricted ATP Certificate at 1,000 flight hours.

A student already holding an FAA pilot certificate or rating may gain college credit for that certificate or rating by successfully passing written, oral, and/or flight tests administered by the department. This credit may be awarded upon recommendation of the aviation faculty and successful completion of one semester as a full time student at Henderson. The cost of the examination and all associated flight activity is borne by the student. The recommendation for credit from aviation faculty may require additional flight training to address proficiency requirements of applicable training course outlines before the credit is awarded. Also, students receiving credit for pilot certificates and ratings not obtained through Henderson's flight training program may not qualify for Restricted ATP certification.

All flight training is conducted by certified flight instructors under the guidelines of Federal Aviation Regulations, Parts 141 and 61. The Airway Science Curriculum has received program recognition from the Federal Aviation Administration and the University Aviation Association.

Before beginning flight training, each student must pass at least a third class medical examination administered by an FAA medical examiner, obtain a student pilot's certificate (or greater), and receive Transportation Security Administration (TSA) certification. Flight fees for aviation courses are in addition to the regular college registration fees. Detailed information may be obtained from the Department of Aviation, Henderson State University.

**Major Requirements for the Bachelor of Science Degree
(Professional Pilot Track)**

Hours

AVN 1013	Fundamentals of Aeronautics I	3
AVN 1021	Introduction to Aeronautics-Lab	1
AVN 1403	Fundamentals of Aeronautics II	3
AVN 1161	Private Pilot Certification.....	1
AVN 1171	Private Pilot Lab	1
MTH 1243	College Algebra	3
MTH 1253	Plane Trigonometry.....	3
PHY 2034	General Physics I	4
PHY 2044	General Physics II	4
AVN 2393	Aviation Weather	3
AVN 2413	Regulations and Publications	3
AVN 2051	Commercial/Instrument Pilot Lab I.....	1
AVN 3383	Commercial Preparation and Procedures I.....	3
AVN 3071	Instrument Pilot Certification.....	1
AVN 3433	Commercial Preparation and Procedures II.....	3
AVN 2491	Commercial/Instrument Lab II.....	1
AVN 3501	Commercial/Instrument Lab III	1
AVN 3511	Commercial/Instrument Lab IV	1
AVN 4521	Commercial/Instrument Lab V.....	1
AVN 2031	Commercial Pilot Certification	1
AVN 4131	Multiengine Operations.....	1
AVN 4421	Multiengine Pilot Lab	1
AVN 2213	Aviation Safety	3

AVN 3233	Aircraft Systems Theory (WI).....	3
AVN 3243	Aircraft Powerplant Theory	3
AVN 3263	Air Traffic Control.....	3
AVN 3253	Aviation Legislation (WI).....	3
AVN 4223	Advanced Aerodynamics and Performance	3
AVN 4483	Advanced Technology and Automation.....	3
	Total Major Requirements.....	65

To qualify for the Restricted ATP Certificate, students must complete all courses in the Professional Pilot track and these additional courses:

AVN 4101	Flight Instructor Lab	1
AVN 4121	Instrument Instructor Lab.....	1
AVN 4333	Flight Instructor Practicum	3
AVN 4341	Flight Instructor Certification	1
AVN 4373	Instrument Flight Instructor Practicum	3

**For the Bachelor of Science Degree
(Aviation Management Track)**

Hours

AVN 1013	Fundamentals of Aeronautics I	3
AVN 1021	Introduction to Aeronautics-Lab	1
ANV 1403	Fundamentals of Aeronautics II	3
AVN 1161	Private Pilot Certification.....	1
AVN 1171	Private Pilot Lab	1
AVN 2213	Aviation Safety	3
AVN 3253	Aviation Legislation (WI).....	3
AVN 3283	Aviation Management.....	3
AVN 4293	Air Transportation.....	3
MGM 3113	Management and Organizational Behavior	3
MGM 4023	Human Resource Management	3
MGM 4073	Operations Management	3
MGM 4153	Organizational Leadership	3
COM 3273	Organizational Communication	3
MTH 1273	Precalculus	3
GBU 2013	Mathematical Analysis for Business Decisions ...	3
GBU 3143	Legal Environment of Business	3
CSC 2003	Introduction to Computers	3
CSC 2163	Computer Applications	3
ENG 3613	Technical Writing	3
GBU 3133	Business Statistics.....	3
	Total Major Requirements.....	57

**For the Bachelor of Science Degree
(Aviation Maintenance Management Track)**

Hours

MINOR NOT REQUIRED

	Courses completed in Aviation Mechanics Technical School during the Freshman and Sophomore years	62
AVN 1013	Fundamentals of Aeronautics I	3
AVN 1021	Introduction to Aeronautics Lab	1
AVN 1403	Fundamentals of Aeronautics II	3

AVN 1061	Private Pilot Certification.....	1
AVN 1171	Private Pilot Certification Lab.....	1
CHM 1034	General Chemistry Non-Majors.....	4
BIS 2073	Fundamentals of Information Systems.....	3
AVN 4223	Aerodynamics.....	3
AVN 3283	Aviation Management.....	3
MGM 3113	Management and Organizational Behavior.....	3
AVN 2213	Aviation Safety.....	3
AVN 3253	Aviation Legislation (WI).....	3
ENG 3613	Technical Writing.....	3
	Total Major Requirements.....	96

Upon completion of 30 semester hours in residence at Henderson State University with a grade average of “C” or higher, and six semester hours in the Henderson State University Department of Aviation with a grade of “C” or higher, credit will be awarded for the following courses:

AVN 3233	Aircraft Systems Theory (WI).....	3
AVN 3243	Aircraft Powerplant Theory.....	3
AVN 3303	Avionics Systems Theory.....	3
AVN 4323	Independent Study.....	6
AVN 4453/4463	Aviation Operations Internship I and II.....	6

All non-aviation courses required by the aviation major must be passed with a grade of “C” or higher.

Students participating in the Aviation Management track or Aviation Maintenance Management track may have the requirements of AVN 1021 Introduction to Aeronautics Lab, AVN 1061 Private Pilot Certification, and 1171 Private Pilot Lab waived upon approval of the director of the department.

Minor Requirements		Hours
AVN 1013	Fundamentals of Aeronautics I.....	3
AVN 1403	Fundamentals of Aeronautics II.....	3
AVN 2213	Aviation Safety.....	3
AVN 3233	Aircraft Systems Theory (WI).....	3
AVN 3243	Aircraft Powerplant Theory.....	3
AVN 3253	Aviation Legislation (WI).....	3
	Total Minor Requirements.....	18

Courses in Aviation

AVN 1013. Fundamentals of Aeronautics I. This course serves as a foundation of things to come in the aviation field. The course will involve: an overview of the aviation field, an introduction to flight maneuvers, human factors, the aeronautical decision making process, small airplane systems, powerplant operation, basic aerodynamics, safety considerations, airport operations, printed weather reports, performance charts, weight and balance, and technical subject and federal regulations areas appropriate to the student pilot.

AVN 1021. Introduction to Aeronautics Lab. Flight instruction to prepare the student pilot for the first supervised solo flight. Includes preflighting the aircraft, taxiing, take-off and landings, and basic flight maneuvers. Emphasis on safety and good decision-making. Corequisite: AVN 1013.

AVN 1403. Fundamentals of Aeronautics II. This course is an extension of Fundamentals of Aeronautics I. The course will involve: aeronautical charts, airspace, radio procedures, radar and ATC services, sources of flight information, weather hazards, graphic weather products, navigation, aviation physiology, aerodynamic principles, PTS usage, and technical subject areas and federal regulations appropriate to the private pilot. Prerequisite: AVN 1013.

AVN 1161. Private Pilot Certification. Ground school instruction in preparation for the FAA Private Pilot written examination. Prerequisites: AVN 1013, AVN 1021.

AVN 1171. Private Pilot Lab. Flight instruction necessary to complete requirements for the FAA Private Pilot Certificate. Prerequisites: AVN 1013 and AVN 1021. Corequisites: AVN 1403, AVN 1161.

AVN 2031. Commercial Pilot Certification. Ground instruction in preparation for the FAA Commercial Pilot written examination and Commercial Pilot certification; instruction emphasizes advanced aerodynamics, aircraft performance, precision maneuvers, extended cross country and night flight, relevant FAA regulations, introduction to advanced systems and transition to more sophisticated aircraft. Prerequisite: AVN 1171.

AVN 2051. Commercial/Instrument Lab I. Flight Instruction necessary to complete Stage 1 of the Commercial Pilot Course. Students will learn Commercial flight maneuvers needed for the Commercial Pilot Certificate. Prerequisite: AVN 1171.

AVN 2213. Aviation Safety. Psychological, physical, and operational aspects of flight and aviation ground safety. Elements of accident investigation and prevention. Studies will be made of actual aircraft accidents to determine causal factors, with special attention to weather factors. Possible preventive measures will be proposed. Investigation of crashworthiness, crash survivability, and after crash survival factors. Prerequisites: AVN 1013, AVN 1403.

AVN 2393. Aviation Weather. Addresses elementary concepts and vocabulary necessary to understand aviation applications. The course covers a wide variety of atmospheric circulation systems and associated flight hazards. The aviation weather course introduces the student to the forecasting process, aviation products and an overview of weather information sources, allowing the student to interpret the information obtained in briefings, printed reports, and graphic weather products to enhance flight safety. Prerequisites: AVN 1013, AVN 1403.

AVN 2413. Regulations and Publications. This course will involve an in depth look at the Federal Aviation Regulations, Airman's Information Manual, Practical Test Standards, Advisory Circulars, other FAA publication, and the Pilot's Operating Handbook. Prerequisites: AVN 1013, AVN 1403.

AVN 2491. Commercial/Instrument Lab II. Flight Instruction necessary to complete Stage 2 of the Commercial Pilot Course. Students will complete cross country flight training needed for the Commercial Certificate. Prerequisite: AVN 2051.

AVN 3071. Instrument Pilot Certification. Preparation for FAA Instrument Pilot written examination. Course completion requires passing the FAA Instrument

written exam. Corequisite: AVN 3501.

AVN 3233. (WI) Aircraft Systems Theory. This study of aircraft structures and systems gives the professional pilot the theoretical knowledge needed to safely and efficiently operate modern aircraft systems. In depth discussion of electrical, mechanical, and hydraulic systems, design and performance standards, capabilities and limitations, and conformance to FAA specifications. Prerequisites: AVN 2031.

AVN 3243. Aircraft Powerplant Theory. A study of aircraft powerplants, including piston engines and associated systems, turboprops, and fan- and turbojets. The course is designed to give the professional flight crew an in-depth knowledge of the aircraft "forward of the firewall." Prerequisites: AVN 2031.

AVN 3253. (WI) Aviation Legislation. Discussion of federal, state and local aviation regulations, and the legislation underlying them. Structure of the Federal Aviation Administration and discussion of the influence of the Civil Aeronautics Administration and the Federal Aviation Agency on present regulatory bodies. Legal concepts concerning aviation as related to operation, contracts, insurance and liability, regulatory statutes, and case law. Prerequisite: AVN 2413.

AVN 3263. Air Traffic Control. Provides in-depth knowledge of air traffic control procedures, navigation aids, the role of centers, approach control, towers and flight service stations, airport traffic area operations, radar and non-radar procedures, and facility management.

AVN 3283. Aviation Management. Management techniques and administrative functions as applied to the aviation industry; includes problems, current issues and future trends related to aviation operations, planning, and economic and resource considerations.

AVN 3303. Avionics Systems Theory. This course gives the theoretical knowledge of aircraft control, navigation, communications, and autopilot systems which flight crews need to safely and efficiently operate these systems. Some attention will be given to actual in-flight operation of these systems. Prerequisites: AVN 3233, 3071.

AVN 3383. Commercial Preparation and Procedures I. In depth preparation for both the Commercial Certificate and the Instrument Rating. Theoretical and practical aspects of instrument flying will be introduced. Prerequisite: AVN 1171. Prerequisite or Corequisite: AVN 2393.

AVN 3433. Commercial Preparations and Procedures II. A commercial pilot certificate is the essence of being a professional in the field of aviation. This course will prepare you for the professional pilot realm in the following ways: an overview of flight maneuvers, technical subject areas necessary to complete the requirements of a Commercial Pilot Certificate, Crew Resource Management, and interview preparation. Prerequisite: AVN 3383.

AVN 3501. Commercial/Instrument Lab III. Flight Instruction necessary to complete Stages 1 and 2 of the Instrument Rating Course. Students will learn to develop an instrument scan for both full and partial panel flight. Students will also learn elements related to the departure, enroute, and arrival phases of flight under Instrument Flight Rules (IFR). Prerequisite: AVN 2491; Corequisites: AVN

3071, AVN 3383.

AVN 3511. Commercial/Instrument Lab IV. Flight Instruction necessary to complete Stage 3 of the Instrument Rating Course and Stages 3 and 4 of the Commercial Pilot Course. Students will complete cross countries under Instrument Flight Rules (IFR) and complete requirements necessary for the Instrument Rating. Students will also complete a Complex Aircraft Transition in a Technically Advanced Aircraft (TAA). Prerequisite: AVN 3501.

AVN 4101. Flight Instructor Lab. Flight instruction necessary to complete requirements for the FAA Certified Flight Instructor certificate. Corequisites: AVN 4341, AVN 4333.

AVN 4121. Instrument Instructor Lab. Flight instruction necessary to complete requirements for the FAA Certified Flight Instructor - Instrument certificate. Corequisites: AVN 4351, AVN 4373.

AVN 4131. Multiengine Operations. Ground instruction in preparation for the FAA Multiengine rating. Course content includes transition to multiengine aircraft, multiengine aircraft systems and operations, and emergency procedures. Prerequisite: FAA Commercial Pilot Certificate.

AVN 4181. Multiengine Instructor Practicum. Principles and methodology of teaching multiengine flight. Prerequisites: AVN 4131, AVN 4421 and FAA Flight Instructor Certificate.

AVN 4223. Advanced Aerodynamics and Performance. Aerodynamics for flight crews, including theories of lift generation, stability, laminar and non laminar flow, control, and lift and drag producing devices. Aircraft performance will be studied, with particular attention to safe aircraft operation. Weight and balance will be studied for its effect on performance and control. Prerequisites: AVN 1171, 2031; PHY 2034, 2044; MTH 1243 or MTH 1273.

AVN 4293. Air Transportation. A survey of the historical development of the air transportation system covering facilities, impact of regulations, problems encountered in commercial air transportation, future requirements, airline operations, economics and social implications.

AVN 4323. Independent Study. Selected topics of current interest in the field of aviation. Strong emphasis on a mature approach to research and writing. May be repeated for a maximum of six hours credit with a change of topic. Prerequisite: senior standing or consent of the instructor.

AVN 4333. Flight Instructor Practicum. Methodology and instructional procedures necessary for effective instruction of private and commercial students. Emphasis on preparation and oral presentation of ground and flight lessons; practice in teaching and briefing techniques. Prerequisite: AVN 3511. Corequisites: AVN 4101, AVN 4341.

AVN 4341. Flight Instructor Certification. Ground instruction preparing the student for the flight instructor oral and written examinations. Corequisites: AVN 4333, AVN 4101.

AVN 4351. Instrument Flight Instructor Certification. Ground instruction preparing the student for the instrument flight instructor oral and written examinations. Corequisites: AVN 4121, AVN 4373. Prerequisite: AVN 4521.

AVN 4373. Instrument Flight Instructor Practicum. Methodology and instructional procedures necessary for effective instruction of instrument students. Emphasis on preparation and oral presentation of ground and flight lessons; practice in teaching and briefing techniques. Prerequisite: AVN 4333. Corequisites: AVN 4121, AVN 4351.

AVN 4421. Multiengine Pilot Lab. Flight instruction necessary to complete requirements for the Multiengine rating. Prerequisite: AVN 4521. Corequisite: AVN 4131.

AVN 4441. Multiengine Instructor Lab. Flight instruction necessary for the FAA Multiengine Instructor rating.

AVN 4453. Aviation Operations Internship I. Prearranged, supervised work experience in aviation flight or ground operations. Course requires completion of a minimum of 120 hours of practical work in an approved business organization, a report from that business organization confirming that the assigned work was satisfactory, and the submission of a paper detailing the work performed and an analysis of the work experience. If the internship is performed at Arkadelphia Airport, the work experience will include: line operations, aircraft cleaning, aircraft refueling, aircraft marshaling, aircraft parking, etc. Approval of instructor required.

AVN 4463. Aviation Operations Internship II. Prearranged, supervised work experience in aviation flight or ground operations. Course requires completion of a minimum of 120 hours of practical work in an approved business organization, a report from that business organization confirming that the assigned work was satisfactory, and the submission of a paper detailing the work performed and an analysis of the work experience. If the internship is performed at Arkadelphia Airport, the work experience will include: Aviation business operations, customer service, filing, scheduling, etc. Approval of instructor required.

AVN 4473. Air Transport Pilot Certification. Ground instruction in preparation for the FAA ATP written examination; instruction emphasizes advanced aerodynamics, aircraft performance, precision maneuvers, extended cross country and night flight, relevant FAA regulations, introduction to advanced systems and transition to more sophisticated aircraft.

AVN 4483. Advanced Technology and Automation. A realistic, scenario based study of advanced aircraft automation. The course will introduce and allow students to have realistic interaction with advanced equipment seen in business and regional jets. It will also introduce pilot interaction and aircrew considerations when operating with advanced technology. The course will further strengthen instrument knowledge and further demonstrate common operations within the National Airspace System. Prerequisite: AVN 3501.

AVN 4521. Commercial/Instrument Lab V. Flight Instruction necessary to complete Stages 5 and 6 of the Commercial Pilot Course. Students will complete cross countries under Instrument Flight Rules (IFR) and will be introduced to Crew Resource Management (CRM). Students will also complete requirements necessary for the Commercial Pilot Certificate. Prerequisite: AVN 3511 (Commercial Lab IV).

AVN 4531. Aviation Mentorship. This course provides an arranged pairing of students with professionals in the aviation industry that have agreed to serve as mentors. The mentor will provide insight to the practical application of the knowledge and skills the student has developed through their previous courses; provide students perspectives on what the aviation industry expects of them as new graduates; offer suggestions on improving personal and professional skills; provide insight on successful ways to enter and function in the aviation industry. This course may be repeated once to provide additional viewpoints from differing industry perspectives and requirements, i.e. comparing the airline environment to the corporate environment. Prerequisites: Completion of an application and consent of the faculty director of the Aviation Mentorship Program.

TEACHERS COLLEGE, HENDERSON

Dr. Judy Harrison, Dean

Teachers College, Henderson includes the departments of Advanced Instructional Studies and Educational Leadership; Counselor Education; Curriculum and Instruction; Family and Consumer Sciences; and Health, Physical Education, Recreation and Athletic Training. Teachers College not only provides undergraduate and graduate programs that prepare P-12 educators and other school professionals, it also provides preparation for other professional careers. Other offices and centers providing support for the Educator Education Program include the Office of Educator Preparation Admissions and Clinical Experiences, the Office of Educator Licensure, the HSU Partners in Education (PiE), the M. H. Russell Center for Economic Education, the STEM Center at HSU, and the Southwest-A Education Renewal Zone (ERZ).

As part of the Department of Curriculum and Instruction, the Office of Educator Preparation Admissions and Clinical Experiences coordinates all Educator Preparation field and clinical experiences, including teacher internship, and provides administrative services for the Educator Preparation Program. The Office of Educator Licensure oversees the application for the educator licensure process. The HSU Partners in Education (PiE) is a partnership among Henderson State University, educational service cooperatives, two-year colleges, and P-12 schools that promotes professional development of pre-service and in-service educators. The M. H. Russell Center for Economic Education coordinates programs and resources with Economics Arkansas that are designed to encourage an economic way of the thinking and problem solving on the part of educators who can encourage their students to use that understanding in their everyday lives. The STEM Center provides services and resources for P-12 schools and teachers. Services and resources include curriculum mapping, alignment, and implementation; instructional support; assess-

ment; special programs and workshops; and materials. The Southwest-A Education Renewal Zone is a broad-based collaborative effort among Henderson State University, public school districts, education service cooperatives and other support organizations which concentrates human and financial resources on improving and sustaining P-12 schools in high-need areas.

Teachers College, Henderson and “Bridging liberal arts with professional aspirations”

Teachers College, Henderson fully supports Henderson State University’s vision and mission. Graduates from the College demonstrate a solid foundation of liberal arts and are confidently prepared in their professions. Professionals prepared by Teachers College, Henderson include, but are not limited to, educators, clinical mental health counselors, dietitians, recreational therapists, and athletic trainers. Although the programs are varied, TCH aspires to educate professionals who make a positive difference in the lives of individuals and their communities.

Teachers College, Henderson mission

Teachers College, Henderson State University, through quality instruction, service, and research, prepares reflective teachers, school leaders, counselors and other professionals who demonstrate high expectations for individual self-realization. Moreover, the College is committed to preparing these professionals with the 21st century knowledge and skills required to become successful leaders in a highly technological and diverse world.

Teachers College, Henderson Educator Preparation Program vision and mission

Our vision, “**Teaching and leading for learning for all,**” implies that **all** of our candidates will be prepared and qualified to teach every student. Furthermore, school leaders and other school professionals will be prepared as instructional leaders who will value and support the school community.

The mission of the Teachers College, Henderson Educator Preparation Program is to develop highly effective educators and instructional leaders for P-12 schools, who know their content, command 21st Century pedagogical skills, use varied and appropriate media to communicate effectively with diverse audiences, and model high moral and ethical professional standards and dispositions.

THE EDUCATOR PREPARATION PROGRAM CANDIDATE PROFICIENCIES

Graduates of the Educator Preparation Program of Teachers College, Henderson are expected to demonstrate the knowledge, skills, and dispositions of effective educators. The Arkansas Department of Education has adopted the 2011 Model Core Teaching Standards developed by Interstate Teacher Assessment and Support Consortium (InTASC). These Arkansas Teaching Standards provide a framework for identifying competencies expected of all Educator Preparation candidates. The standards are organized around four general categories: the learner and learning, content, instructional practice, and professional responsibility. Moreover, Teachers College expects its candidates to demonstrate the following dispositions that Teachers College has identified as essential for effective teaching: caring for stu-

dents and their families, valuing diversity, being fair, taking responsibility for student learning, learning through reflection, and modeling professionalism.

Candidates for teacher licensure must submit acceptable scores on the Praxis CORE in reading, writing, and mathematics and appropriate Praxis Subject Area Specialty test(s) prior to internship. Candidates must pass the Praxis II Principles of Learning and Teaching Test or appropriate Praxis pedagogy test prior to completion of internship. The Office of Educator Licensure will recommend for initial licensure to the Arkansas Department of Education graduates who have completed a bachelor's degree, met all program requirements (including internship), passed the required Praxis assessments, completed child maltreatment reporting training and other ADE mandated training, and cleared the Arkansas State Police and FBI background checks.

ADMISSION INTO THE EDUCATOR PREPARATION PROGRAM

It is the student's responsibility to initiate the application for admission to the Educator Preparation Program by the end of the sophomore year (or completion of Teacher Education Orientation), in accordance with the procedure established by the Henderson State University Educator Preparation Council (Teacher Education Council). Successful admission into the Educator Preparation Program includes completion of the following requirements:

1. **Submission of the Application for Admission into the Educator Preparation Program (EPP)** by the end of the sophomore year or during Teacher Education Orientation. The application may be obtained from the Office of Educator Preparation Admissions/Clinical Experiences, Education Center 213 or during EDU 2000L Teacher Education Orientation.
2. A minimum **GPA of 2.70**.
3. Successful completion of the following (usually in Teacher Education Orientation):
 - a. PRAXIS CORE*
 - b. Educator Preparation Interview
 - c. Grade of "C" or better in Freshman English A & B, College Algebra or approved equivalent, and Oral Communication.

***PRAXIS CORE:** The PRAXIS CORE must be taken prior to or during EDU 2000 Teacher Education Orientation. Candidates must register for the PRAXIS CORE online through the Educational Testing Service (ETS) website (See www.ets.org/praxis). It is the candidate's responsibility to **verify the most current Arkansas testing requirements (test codes and passing scores) on the ETS website** PRIOR to registering for an exam.

NOTE: Admission into the Educator Preparation Program is a prerequisite to enrollment in senior-level (4000) EDU, EDE, EDM, SPE, and RDG courses.

OFFENSES THAT WILL DISQUALIFY CANDIDATES FROM TEACHING OR WORKING IN ARKANSAS PUBLIC SCHOOLS:

Before entering the Educator Preparation Program, candidates must know that certain offenses will disqualify them from licensure and employment in Arkansas public schools.

For a list of disqualifying offenses (**including expunged or pardoned records**), go to http://www.arkansased.org/public/userfiles/HR_and_Educator_Effectiveness/HR_PLSB_Docs/Disqualifying_Offenses.pdf.

TEACHER INTERNSHIP

The Application for Teacher Internship should be completed one semester BEFORE the teacher internship semester. Applications must be submitted through the TK20 assessment system. A TK20 account is obtained during EDU 2000 Teacher Education Orientation.

Deadlines for submitting applications for internship:

October 1—Spring Internship/Semester

March 1—Fall Internship/Semester

The Director of Educator Preparation Admissions and Clinical Experiences will review the application and supporting confidential records. To be eligible for internship, candidates must meet the following requirements:

1. Admission to the Educator Preparation Program
2. Completion of all required coursework
3. Submission of Application for Graduation signed by registrar
4. Overall 2.70 grade point average
5. Grade point average of 2.7 and no grade lower than “C” in required education courses
6. Grade point average of 2.7 and no grade lower than “C” in the teaching field(s)
7. Adequacy of health and physical condition for teaching
8. Evidence of dispositions appropriate for teaching
9. Recommendation of the student's major department and other faculty
10. Clearance on FBI, Arkansas State Police, and DHS background checks
11. Passing Praxis II content test scores

Students may not be enrolled in courses, including online or correspondence courses while enrolled in internship without formal approval from the Educator Preparation Council (Teacher Education Council).

Candidates must meet or exceed the Arkansas required score on the Praxis II Principles of Learning and Teaching (PLT) or pedagogy test before or during internship. **Candidates who do not score at or above the Arkansas required Praxis II PLT or pedagogy test will receive an “incomplete” grade for clinical internship until the required score is met.** Candidates will not receive degrees until all internship requirements are completed.

Candidates must register for the PRAXIS exams online through the Educational Testing Service (ETS) website (See www.ets.org/praxis). It is the candidate's responsibility to **verify the most current Arkansas testing requirements (test codes and passing scores) on the ETS website** PRIOR to registering for an exam.

A candidate participating in internship who vacates dormitory facilities will not be charged for housing during the off-campus period. Internship hours will be credited toward the B.S.E. (or Educator Licensure) candidates only. All interns spend approximately five days on campus at the beginning of the semester as part

of the orientation for internship. The rest of the semester consists of teacher internship public school experiences and internship assignments. Four days during the semester are spent on campus to complete requirements for professional development and exit interviews and attend the educator career fair.

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Dr. M. Sutherlin, Chair; Dr. Benton, Ms. Correia, Dr. Givan, Dr. Harrison, Ms. Holsclaw, Dr. McDonald, Dr. Monroe, Dr. Shuff, Dr. C. Taylor, Dr. K. Taylor, Dr. Wright, Ms. Wyatt

Educator Preparation Program candidates must meet licensure standards for initial licensure as mandated by the Arkansas Department of Education. Candidates should work closely with their assigned advisors to ensure that they are following the appropriate program of study expected for the teacher licenses they expect to earn. *Current degree plans should be retrieved from the second floor of the Education Center. Eight semester plans may be available on the registrar's webpage.*

ELEMENTARY (K-6) EDUCATION **Bachelor of Science in Education**

In addition to the university's Liberal Arts Core (see notes below) and the Principles of Learning and Teaching Core described in a later section, elementary education majors (kindergarten through grade 6) must take at least 50 hours of elementary education courses.

Elementary Education Curriculum (K-6) 50 hours

ART	1022	Public School Art	OR MUS 2402 Public School Music
PHS	1053	Earth Systems and the Environment	
EDE	2063	Child Development	
HIS	4263	Arkansas and the Southwest History	
MTH	1053	Number Sense and Operations	
MTH	2483	Geometry I for the Elementary & Middle Grades	
MTH	2543	Data Analysis, Statistics and Probability for the Elementary and Middle Grades	
HPE	3502	Health & Fitness of Young Children	
EDE	3242	Arts Integration in the Classroom	
EDE	3053	Inclusive Education for Diverse Learners	
EDE	3472	Family & Community Relations	
EDE	3113	Literature for Elementary Students	
RDG	3103	Emergent and Developing Literacy	
RDG	3203	Reading and Writing in the Content Area	
EDE	4283	Literacy and Language Arts in the Elementary Classroom	
EDE	4413	Social Studies in the Elementary Classroom	
EDE	4423	Science/STEM in the Elementary Classroom	
EDE	4433	Math/STEM in the Elementary Classroom	

LIBERAL ARTS CORE notes for elementary education majors:

- 1. EDU 4543 Teaching People of Other Cultures is the required Non-Western Culture course.**
- 2. PHS 3154 Physical Science for Teachers may be used to satisfy one of the science core requirements.**
- 3. Astronomy may not be used to satisfy the science core requirement.**
- 4. A social science course other than Psychology must be used as the core elective.**

5. Psychology may not be used to satisfy the core elective nor the social studies elective.

Additional coursework may be required. Current degree plans should be retrieved from the second floor of the Education Center.

MIDDLE LEVEL (4-8) EDUCATION

Bachelor of Science in Education

Middle level education majors (grades 4 through 8) may select two emphasis areas from four content areas: English, math, science, and social studies. In addition to the university's Liberal Arts Core and the Principles of Learning and Teaching Core described in a later section, middle level education majors must take 53-60 hours of specified middle level core courses and designated courses for selected specialty areas.

Middle Level Core Courses

HIS	4263	Arkansas and the Southwest History
MTH	1053	Number Sense & Operations
MTH	2483	Geometry I for Elementary & Middle Grades
MTH	2543	Data Analysis Stat & Probability for Elementary and Middle Grades
PHS	1053	Earth Systems and the Environment
EDM	3143	Middle Level Philosophy and Organization
EDM	3153	Adolescent Development and Practicum
EDM	3113	Literature for Middle School Students
RDG	3103	Emergent and Developing Literacy
RDG	3203	Reading and Writing in the Content Area
EDM	4273	STEM: Collaborative Inquiry and Learning

Middle Level Language Arts Specialty Courses

ENG	2683	Masters of Western Literature or ENG 2013 World Literature I
ENG	2023	World Literature II
ENG	3043	Non-Western Literature
ENG	4163	Modern Grammar
ENG	4453	Advanced Composition
EDM	4233	Language Arts Practicum in the Middle Grades

Middle Level Social Studies Specialty Courses

HIS	1013	World Civilization to 1660
HIS	1023	World Civilization since 1660
HIS	2053	U S History to 1877
HIS	2063	U S History since 1877
PSC	1013	American National Government
GEO	1023	Introduction to Geography or GEO 2163 World Geography
ECO	2013	Macroeconomics
EDM	4243	Social Studies Practicum in the Middle Grades

Middle Level Mathematics Specialty Courses

MTH	3523	Discrete Mathematics for Middle Grades
MTH	3553	Foundations of Calculus for Middle Grades
MTH	4563	Math Modeling and Applications for Middle Grades
EDM	4213	Math Practicum in the Middle Grades

Middle Level Science Specialty Courses

BIO	1013+1021	General Biology/Lab
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BIO	2114	General Zoology or other 4-hr BIO
CHM	1034	Chemistry for Non-majors
PHY	2034	General Physics
EDM	4233	Science Practicum in the Middle Grades

LIBERAL ARTS CORE notes for middle level majors:

1. Some courses within the specialty areas may satisfy liberal arts core requirements.
2. Candidates choosing the language arts specialty area must take Advanced Composition as the writing elective.
3. Candidates choosing the language arts specialty area must take Non-Western Literature as the non-western culture elective.
4. EDU 4543 Teaching People of Other Cultures is the required Non-Western Culture course for all other middle level majors besides those choosing language arts as a specialty area.

Additional coursework may be required. Current degree plans and scheduling guides should be retrieved from the second floor of the Education Center.

SPECIAL (K-12) EDUCATION
Bachelor of Science in Education

In addition to the university's Liberal Arts Core (see notes below) and the first nine (9) hours of the Principles of Learning and Teaching Core described in a later section, special education majors (kindergarten through grade 12) must take at least 61 hours of elementary education and special education courses.

Special Education Curriculum (K-12) 61 hours

PHS	1053	Earth Systems and the Environment
EDE	2063	Child Development
HIS	4263	Arkansas and the Southwest History
MTH	1053	Number Sense and Operations
MTH	2483	Geometry I for the Elementary & Middle Grades
MTH	2543	Data Analysis, Statistics and Probability for the Elementary and Middle Grades
HPE	4072	Adaptive Physical Education
EDE	3242	Arts Integration in the Classroom
EDE	3113	Literature for Elementary Students
RDG	3103	Emergent and Developing Literacy
RDG	3203	Reading and Writing in the Content Area
EDE	4283	Literacy and Language Arts in the Elementary Classroom
EDE	4413	Social Studies in the Elementary Classroom
EDE	4423	Science/STEM in the Elementary Classroom
EDE	4433	Math/STEM in the Elementary Classroom
SPE	3503	Special Education Law
SPE	3513	Behavior Management
SPE	4403	Assessment and Programming
SPE	4103	Adv Mthds Mild/Moderate Disabilities
SPE	4393	Adv Mthds Severe/Profound Disabilities
SPE	4213	Intro to Autism Spectrum Disorders

LIBERAL ARTS CORE notes for special education majors:

1. EDU 4543 Teaching People of Other Cultures is the required Non-Western Culture course.

2. PHS 3154 Physical Science for Teachers may be used to satisfy one of the science core requirements.
3. Astronomy may not be used to satisfy the science core requirement.
4. A social science course other than Psychology must be used as the core elective.
5. Psychology may not be used to satisfy the core elective nor the social studies elective.

Additional coursework may be required. Current degree plans should be retrieved from the second floor of the Education Center.

EARLY CHILDHOOD (P-4) EDUCATION—not available after Fall 2015
Bachelor of Science in Education**

****CANDIDATE MUST BE ADMITTED TO EDUCATOR PREPARATION PROGRAM PRIOR TO FALL 2015 TO PURSUE THIS MAJOR.**

In addition to the university's Liberal Arts Core and the Principles of Learning and Teaching Core described in a later section, early education majors (primary through grade 4) must take at least 50 hours of specified early childhood courses. **Please note that this degree option will no longer be available after 2014-15; candidates must be admitted to the educator preparation program prior to fall 2015 to pursue early childhood education as a major.

Early Childhood Education Curriculum (P-4) 51 hours

ART	1022	Public School Art
MTH	1053	Number Sense and Operations
MTH	2483	Geometry I for the Elementary & Middle Grades
MTH	2543	Data Analysis, Statistics and Probability for the Elementary and Middle Grades
MUS	2402	Public School Music
EDE	2063	Child Development
EDE	3122	Creative Arts or equivalent elementary education course
EDE	3053	Inclusive Education for Diverse Learners
EDE	3113	Literature for Children or Literature for Elementary Students
RDG	3103	Foundations of Reading or Emergent and Developing Literacy
EDE	3472	Family & Community Relations
HPR	3502	Health & Fitness of Young Children
PHS	3154	Physical Science for Teachers
HIS	4263	Arkansas and the Southwest
EDE	4104	Integrated Curriculum/Practicum
EDE	4233	Methods of Language Arts
EDE	4273	Methods & Modification for Math/Science
EDE	4283	Methods & Modification for Literacy

Additional coursework may be required. Current degree plans should be retrieved from the second floor of the Education Center.

**SECONDARY EDUCATION 7-12 or K-12 Licensure Areas
Bachelor of Science in Education Degree (or BA/BS with Teacher Licensure)**

Students may complete an undergraduate degree in **art, English, family and consumer sciences, health and physical education, math, music, or social studies** that is designed to prepare them for teaching in a public school educational setting. In addition to completing the university's Liberal Arts Core and the Princi-

ples of Learning and Teaching Core described in a later section, students who seek a bachelor's degree in these disciplines must complete requirements for the major and, as a result, must develop a major degree plan with content-area advisors within those specific departments.

Business and Technology Education*no longer available*****

CATALOG INFORMATION IS PROVIDED FOR 2014 & 2015 COMPLETERS ONLY. MAJOR IS NO LONGER AVAILABLE TO NEW STUDENTS.

The B.S.E. in Business and Technology Education is a four-year major-minor program. The major is Business and Technology Education and the minor is Business Administration. The minor must accompany the Business and Technology Education program.

In addition to completing the university's Liberal Arts Core and the Principles of Learning and Teaching Core described in an earlier section, a student pursuing this Bachelor of Science in Education will complete a major in Business and Technology Education (28 credit hours) with a minor in Business Administration (18 hours).

Business and Technology Education Major Courses (30 hrs)

BIS	2073	Fundamentals of Information Systems
BTE	2133	Word Processing I
BTE	3143	Word Processing II
BTE	4063	Business and Technology Applications
BTE	4153	Current Trends in Business and Technology (WI)
BTE	4163	Desktop Publishing
BTE	4993	Business and Technology Education Workshop (WI)
EDU	4833	Special Methods in Business and Technology Education
MGM	3013	Management Communications
ECO	2013	Macroeconomics (may be used in LAC)
EDM	3153	Adolescent Development
EDM	4174	Middle Level Strategies or approved substitute
EDU	4543	Teaching People of Other Cultures (may be used in LAC)

Business Administration Minor (18 hrs. for BTE majors)

See the requirements for a minor in the business administration elsewhere in this catalog.

ACC	2013	Principles of Accounting A
ACC	2023	Principles of Accounting B
ECO	2023	Principles of Microeconomics (may be used in LAC)
MGM	3113	Management & Organizational Behavior
MKT	3013	Fundamentals of Marketing
GBU	3143	Legal Environment of Business

Minor in Business and Technology Education (18 hours)

The Department of Curriculum and Instruction offers a minor in Business and Technology Education. Students wishing to complete the coursework for a minor in BTE should seek advisor approval before pursuing this minor. These requirements fulfill graduation requirements only, not licensure requirements for teaching business education.

ACC	2013	Principles of Accounting
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BTE	2133	Word Processing I
BTE	4063	Business and Technology Applications
BTE	4163	Desktop Publishing

Electives **Choose 6 hours from the following:**

BTE	4153	Current Trends in Business and Technology
ECO	2013	Principles of Macro or
ECO	2023	Microeconomics
GBU	3143	Legal Environment of Business
MGM	3013	Management Communications
MGM	3113	Management & Organizational Behavior
MKT	3013	Fundamentals of Marketing

PRINCIPLES OF LEARNING AND TEACHING (PLT) CORE COURSES
(29 hrs)

All Educator Preparation candidates must complete the 29 hours Principles of Learning and Teaching core or its equivalency. This core consists of three specified modules and internship. It is strongly recommended that students concurrently enroll in the courses designated in each module. **Modules should be taken in their designated sequence.**

Principles of Learning and Teaching Module I

EDU	2000L	Teacher Education Orientation
EDU	2423	Introduction to Education
EDU	2043	Educational Technology

Principles of Learning and Teaching Module II

SPE	3013	Psychology of the Exceptional Child
EDU	3123	Educational Psychology (middle level majors take STEM course)

***Principles of Learning and Teaching Module III**

EDU	4XX2	Assessment and Educational Measurement (designated grade levels)
EDU	4XX3	Classroom Management (designated grade levels)

Internship--Professional Semester 12 hours

EDE, EDM, SPE or EDU	4XX6	Internship Content
EDE, EDM, SPE or EDU	4XX6	Internship Clinical

***Students must be admitted to the Educator Preparation Program in order to enroll in PLT Module III courses. Music and art majors seeking teacher licensure are strongly encouraged to take the classroom management course. HPER majors take the Measurement and Evaluation course with HPE prefix rather than Assessment and Measurement.**

ENDORSEMENTS

English as a Second Language (ESL) Endorsement: All candidates pursuing teacher licensure may elect to add the ESL endorsement to their program of study. The requirements for the ESL endorsement include the four course listed below and the appropriate Praxis exam (see Arkansas requirements at www.ets.org).

EDU	4543/5543	Teaching People of Other Cultures
EDU	4603/5603	Second Language Assessment
EDU	4553/5533	Methods and Materials of Teaching Limited English Proficient Students
ENG	4483/5483	Acquisition of English as a Second Language

Coaching: All candidates pursuing teacher licensure may elect to add the coaching endorsement to their program of study. Current information regarding specific coursework required should be obtained from the chair of the Health, Physical Education, Recreation, and Athletic Training Department (HPER-AT).

OTHER PROFESSIONAL PROGRAMS

For information concerning the Master of Arts in Teaching degree (alternative licensure program) or *graduate* degrees in Advanced Instructional Studies—English as a Second Language (ESL), Early Childhood Education, Middle Childhood Education, Physical Education, Math Education, Special Education, Counselor Education, Educational Leadership, or Sports Administration, please refer to the Graduate School Catalog available online at www.hsu.edu/graduate-school.

COURSE DESCRIPTIONS

Courses in Business and Technology Education

BTE 2133. Word Processing I. A hands-on course designed to provide the student with a wide variety of word processing skills that may be used for personal or professional use. Business and Technology Education majors are required to develop a speed of at least 45 words a minute on five-minute timings with no more than five errors. Spring and Fall. *Prerequisite:* Keyboarding proficiency strongly recommended.

BTE 3143. Word Processing II. A course to develop in-depth knowledge and applications proficiency in word processing with special emphasis on advanced features. A diagnostic exam to determine keyboarding proficiency will be given at the beginning. Independent proficiency materials will be covered if needed. An exit advanced keyboarding proficiency exam will be given. Business and Technology Education majors are required to develop a speed of at least 60 words a minute on five-minute timings with no more than five errors. Non-Business and Technology Education majors are required to develop a speed of at least 50 words a minute on five-minute timings with no more than five errors. Spring only. *Prerequisite:* BTE 2133.

BTE 4063, 5063. Business and Technology Applications. The course will involve an investigation of materials, methods, and techniques used in teaching business and educational technology applications. Emphases will be on proficiency in the use of applications and the integration of applications. This course requires access to a computer with internet access due to partial online requirements and coursework. Fall only. *Prerequisites:* Keyboarding, hardware and software proficiency strongly recommended.

BTE 4153, 5153. (WI) Current Trends and Problems in Business and Technology Education. A course for the study of current issues, program development, curriculum design, etc. in business and technology education. This course

requires access to a computer with internet access due to partial online requirements and coursework. Fall only. *Prerequisites:* ENG 3313 University Writing, advanced Business and Technology Education status, and permission of instructor.

BTE 4163. Desktop Publishing. A basic course in designing materials for publication including selecting and creating graphics and designing and laying out the page. The use of paper, color, and type to maximize eye appeal and readability for the user will be emphasized. The course is comprised of theory and practical application. Spring only. *Prerequisite:* Keyboarding proficiency strongly recommended.

BTE 4991-3, 5991-3. (WI) Business and Technology Education Workshop. Workshops which focus on a current topic or trend in secondary business and technology education and will include teaching methodology. This course requires access to a computer with internet access due to partial online requirements and course work. Spring only. *Prerequisites:* Advanced Business and Technology Education status and permission of instructor.

EDU 4833. Special Methods: Business and Technology Education. The teacher candidates will create lesson plans and supplementary materials for teaching business and technology education and related subjects. Practice teaching sessions will include implementing successful teaching methods, techniques, and assessment. A minimum of ten hours of field experience and observation may be required during which candidates teach 7-12 grade students and assess their own teacher impact on student learning. Preparation for teacher internship will be conducted including updating candidate's web-based portfolio. Fall only. *Prerequisites:* Advanced Business and Technology Education status.

Courses in Education

EDE 2063. Child Development. This course provides preservice teachers with the basic understandings of the professional knowledge base of early childhood growth and development necessary in providing developmentally appropriate instruction to diverse students in a wide range of early childhood educational settings. *Prerequisite:* EDU 2423.

EDE 3053. Inclusive Education for Diverse Learners. A study of the historical, philosophical, legal, and social foundations of general and special elementary education based on the belief that ALL children can learn. Emphasis will be placed on national standards and state frameworks leading to the formulation of developmentally appropriate practices, curriculum, assessment and environment. *Prerequisites:* EDE 2063 and SPE 3013.

EDE 3113. Literature for Elementary Students. Students are introduced to trade books and become acquainted with the selection, evaluation and presentation of literature to children for developing lessons using the language arts standards. Five hours of field experiences are required. *Prerequisite:* EDE 2063.

EDE 3122. Creative Arts in Early Childhood Education. This course will involve students in projects concerning art, music, and literature with and for children in early childhood education programs. Its purpose is to also demonstrate various ways in which children learn through creative experiences.

EDE 3242. Arts Integration in the Classroom. This course supports learning

through the arts to enrich experiences associated with other academic disciplines in ways that extend learning and deepen understanding. The role of arts integration in the classroom is introduced through research, hands-on experiences, field experiences, and guest artists. Assigned projects develop understanding of methods used to integrate instruction in multiple content areas.

Prerequisite: EDU 2423.

EDE 3472. Family and Community Relationships. This course is designed to prepare education professionals who establish and maintain positive and collaborative relationships with children, families, and communities. Key components of this class are theory, research, legislation, and current events that impact education. Prerequisite: EDE 2063.

EDE 4104. Integrated Curriculum/Practicum (P-4). Formal and informal assessment strategies, instructional practices and practicum experiences for early childhood education. Over 50 hours of significant field experiences required in Davis-Baker Preschool. Prerequisites: Admission to EPP, EDE 3053, EDE 3122.

EDE 4233. Methods of Language Arts (WI). This course applies twenty-five teaching strategies to the teaching of the language arts modes: reading, writing, speaking, listening, viewing, and visually representing. In each strategy each language arts mode is used to create an integrated curriculum approach to teaching skills and concepts within a variety of content areas related to teaching classes in P-4 classrooms. Prerequisites: Admission to EPP, RDG 3103, EDE 3113.

EDE 4273. Methods and Modifications for Math/Science. This course is a study of developmentally and individually appropriate strategies, methods, and techniques of teaching math and science in P-4 classrooms. Arkansas frameworks and curriculum standards are emphasized. Field experiences are required. Prerequisites: Admission to EPP, MTH 2483, MTH 2543, PHS 3154.

EDE 4283. Literacy and Language Arts in the Elementary Classroom. This course is a study of developmentally and individually appropriate curriculum content, literature and instructional practices in the continuum from readiness through proficiency in language, reading and writing. Significant field experiences (at least 10 consecutive days) will be required for this course in combination with the other content methods courses. Prerequisites: Admission to EPP, RDG 3203.

EDE 4296. Internship - Early Childhood Education Content. A 16-week teaching experience in pre-school through 4th grade in a public school where knowledge of content is assessed by an experienced teacher, licensed in the content area and a Teachers College, Henderson content university supervisor. Assessment is based upon the content standards defined by NAEYC. Together with *Clinical Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. Co-requisite: EDE 4306.

EDE 4306. Internship - Early Childhood Education Clinical. A 16-week clinical experience in pre-school through 4th grade in a public school consisting of observing and teaching under the guidance and supervision of an experienced, licensed teacher and a Teachers College, Henderson clinical university supervisor. An emphasis on pedagogy, in particular the use of Danielson's domains and criteria will be assessed. Professional electronic portfolio required as a culminating project. Together with *Content Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. **The appropriate**

Praxis PLT test must be passed in order to receive credit for this course. Co-requisite: EDE 4296.

EDE 4413. Social Studies in the Elementary Classroom. The purpose of this course is to introduce elementary teacher education candidates to effective curriculum and instructional methods used by practicing teachers. Candidates will review the Arkansas social studies curriculum as it relates to content, instructional planning, differences in learning styles, critical thinking, problem solving, performance skills, collaboration, and active learning (based on pedagogical standards identified by the National Council for the Social Studies). Special emphasis will be placed on the value of a democratic citizenship education, cultural diversity, and constructivist theories of learning. A field experience (at least 10 consecutive days) is required for this course in combination with the other content methods courses. Prerequisites: Admission to EPP, RDG 3203.

EDE 4423. Science/STEM in the Elementary Classroom. This course will provide an interdisciplinary approach to integrating STEM into practice across the elementary disciplines. The course will involve the participation in problem-based and project-based learning activities, mathematics and science inquiries learning tasks, engineering design and using technology to gain and display information. Students will practice backwards design to develop STEM units. Significant field experiences (at least 10 consecutive days) will be required for this course in combination with the other content methods courses. Prerequisites: Admission to EPP, MTH 2543, RDG 3203.

EDE 4433. Math/STEM in the Elementary Classroom. This course is designed to instruct students in elementary math processes and practices based on the Common Core Mathematics Standards. The course will provide experiences with inquiry learning, math manipulatives, using notebooks and literature in math lessons. Students will practice backwards design to develop mathematics units integrated with science, technology, and engineering designs. Significant field experiences (at least 10 consecutive days) will be required for this course in combination with the other content methods courses. Prerequisites: Admission to EPP, MTH 2483, MTH 2542, RDG 3203.

EDE 4556. Internship - K-6 Elementary Education Content. A 16-week experience in grades K-6 in a public school where knowledge of content is assessed by a Teachers College, Henderson content university supervisor and an experienced teacher, licensed in the content area. An Impact on Student Learning Project is assessed based upon the content standards defined by ACEI. Together with *K-6 Elementary Education Clinical Internship*, a total of four evaluations will take place with corrective feedback shared in a post-observation conference. Co-requisite: EDE 4566.

EDE 4566. Internship - K-6 Elementary Education Clinical. A 16-week experience in grades K-6 in a public school where knowledge and demonstration of pedagogical skills are assessed by a Teachers College, Henderson clinical university supervisor and an experienced teacher, licensed in the clinical area. A clinical assessment portfolio created through TK20 and exit presentation are required as culminating projects. Together with *K-6 Elementary Education Content Internship*, a total of four evaluations will take place with corrective feedback shared in a post-observation conference. **The appropriate Praxis PLT exam must be passed in order to receive credit for the course.** Co-requisite: EDE 4556.

EDM 3113. Literature for Young Adolescents. This course provides potential middle level teachers with a broad perspective of young adolescent literature. Students are introduced to trade books and become acquainted with the selection, evaluation, and presentation of literature to young adolescents for the development of standards-based lessons. Five hours of field experiences are required. Prerequisite: EDU 2423.

EDM 3143. Middle Level Philosophy and Organization. This course introduces teacher candidates to the major components of teaching middle school students. The course investigates the philosophy and organization of middle schools as characterized by the Association of Middle Level Education. Prerequisite: EDU 2423.

EDM 3153. Adolescent Development and Practicum. This course introduces teacher candidates to the developmental theories of adolescents through the application of these developmental theories to teaching and learning in the middle and high school. At least 20 hours of field experience are required. Prerequisite: EDU 2423.

EDM 4133. Middle Level Language Arts 4-8 (WI). This course applies approximately twenty teaching strategies to the application of the language arts modes: reading, writing, speaking, listening, viewing, and visually representing. An emphasis is on 4-8 content areas as well as middle level skills and concepts for the teaching to and learning by middle school students through the use of language arts. Prerequisites: RDG 3103, EDM 3113.

EDM 4164. Integrated Curriculum/Practicum (4-8). This class challenges teacher candidates to collaborate in the design and creation of developmentally appropriate instructional and assessment strategies for middle level students. Sixteen (16) hours of field experiences required. Prerequisites: Admission to EPP, EDM 3143, EDM 3153. Course may not be offered.

EDM 4174. Middle Level Strategies. This class challenges teacher candidates to collaborate in the design and creation of developmentally appropriate instructional and assessment strategies for middle level students. This course can be applied towards the 5-6 endorsement. Spring only. Field experiences are required.

EDM 4183. Teaching Math/Science in the Middle Grades. This methods course develops the understanding of a variety of effective instructional and assessment strategies for middle level math and science with a specific focus on differentiating instruction. The course includes experience in planning, presenting, and assessing integrated inquiry-based lessons and hands-on learning activities using manipulatives, science tools, and developmentally appropriate technology. This course requires at least 20 hours of field experiences in which candidates will have the opportunity to experiment with their newly learned skills in a practical classroom setting. Prerequisites: Admission to EPP, EDM 3143, MTH 2543.

EDM 4193. Teaching Language Arts/Social Studies in the Middle Grades. This methods course will assist candidates in developing a thorough understanding and appreciation of the existing relationship between social studies and language arts. Candidates will learn how to apply one area to the other in order to enhance instruction, produce genuine learning experiences with meaningful assessments. This course requires at least 20 hours of field experiences in which candi-

dates will have the opportunity to experiment with their newly learned skills in a practical classroom setting. Prerequisites: Admission to EPP, EDM 3143, EDM 4133.

EDM 4213. Math Practicum in the Middle Grades. This course introduces pre-service teachers to curriculum and instructional methods used by professional middle level math educators. Students will review the middle school Common Core math standards that relate to learning and development, differences in learning styles, critical thinking, problem solving and performance skills, active learning, motivation, inquiry, collaboration, supportive classroom interaction, instructional planning, assessment, reflection, professional growth, and professional leadership. Significant field experiences (5-10 consecutive days) required. Prerequisites: Admission to EPP, RDG 3203.

EDM 4223. Science Practicum in the Middle Grades. This course introduces pre-service teachers to curriculum and instructional methods used by professional middle level science educators. Students will review the middle school science standards they relate to learning and development, differences in learning styles, critical thinking, problem solving and performance skills, active learning, motivation, inquiry, collaboration, supportive classroom interaction, instructional planning, assessment, reflection, professional growth, and professional leadership. Significant field experiences (5-10 consecutive days) required. Prerequisites: Admission to EPP, RDG 3203.

EDM 4233. Language Arts Practicum in the Middle Grades. This methods course will provide an interdisciplinary approach to integrating language arts into practice across the disciplines. The course will involve active participation in school settings as candidates apply their knowledge of the language arts modes to developing and implementing lesson plans and reflecting upon their teaching experiences. Significant field experiences (5-10 consecutive days) required. Prerequisites: Admission to EPP, RDG 3203.

EDM 4243. Social Studies Practicum in the Middle Grades. This methods course will assist candidates in developing a thorough understanding and appreciation of the existing relationship between social studies and language arts. Candidates will learn how to apply one area to the other in order to enhance instruction, produce genuine learning experiences with meaningful assessments. This course requires at least 5-10 consecutive days of field experiences in which candidates will have the opportunity to experiment with their newly learned skills in a practical classroom setting. Prerequisites: Admission to EPP, RDG 3203.

EDM 4273. STEM: Collaborative Inquiry and Learning. This course introduces pre-service teachers to the STEM curriculum and instructional methods used by professional middle level STEM educators. Students will review the middle school Common Core content standards for STEM, Science, Math, Language Arts and Social Studies. Middle level teacher candidates will engage in critical thinking, problem solving and performance skills, active learning, motivation, inquiry, and collaboration. Through collaborative efforts, they will work with grades 4-8 classroom teachers in STEM and supportive content areas to solve real-world educational problems. Field experiences required. Prerequisites: Admission to EPP.

EDM 4296. Internship – 4-8 Middle School Content. A 16-week experience in grades 4-8 in a public school where knowledge of content is assessed by an experienced teacher, licensed in the content area, and a Teachers College, Henderson

content university supervisor. An Impact on Student Learning Project is assessed based upon the content standards defined by AMLE. Together with *Clinical Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. Co-requisite: EDM 4306.

EDM 4306. Internship – 4-8 Middle School Clinical. A 16-week experience in grades 4-8 in a public school where knowledge and demonstration of pedagogical skills are assessed by an experienced teacher, licensed in the clinical area and a Teachers College, Henderson clinical university supervisor. A clinical assessment portfolio created through TK20 and exit defense presentation is required as culminating projects. Together with *Content Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. **The appropriate Praxis PLT exam must be passed in order to receive credit for the course.** Co-requisite: EDM 4296.

EDU 2000L. Teacher Education Orientation. The purpose of this online laboratory experience is to prepare students for admission into the Educator Preparation Program. This course is required of all education majors to be completed during the first term of education coursework at Henderson. The lab introduces to the student to the Educator Preparation Handbook, requirements for admission to the program, completion of admission interview, and requirements for TK20 implementation. **Passing scores on Praxis CORE are required to receive credit (CR) for this course.** Proof of registration for the exam must be presented before the end of the course. Students enrolled in this course will be assessed a TK20 fee. Co-requisite: EDU 2423.

EDU 2043. Educational Technology. Assists prospective teachers with understanding the role that various forms of technology play in the teaching and learning process, basic theories of technical communication and collaboration, web-page design, web-based research, and the location selection, and evaluation of web-based instructional tools. Addresses the use of computer software and hardware to develop instructional materials is addressed. Emphasis is placed on beginning the development of a digital portfolio.

EDU 2423. Introduction to Education. The purpose of the course is to provide prospective teachers a fundamental background of the teaching profession, including historical developments, educational infrastructure, career opportunities, and an understanding of students and the educational community. This course requires 15 hours of field experiences. Co-requisite: EDU 2000L.

EDU 3123. Educational Psychology. A course which examines current learning theory and theorists for applied use in classroom situations. Behavioral, cognitivist, constructivist and social views are included. Broad concepts such as intelligence, development, creativity and motivation and their implications for teaching are emphasized. This course helps to prepare educator preparation candidates for principles of learning and teaching associated with Praxis PLT exam. Prerequisite: EDU 2423.

EDU 4101-3. Independent Study. A course designed for individuals wishing to work one-on-one with a faculty member to complete a project that is not necessarily research based. For example, the study of a topic that is of particular interest to a student but that might not currently be offered in the major curriculum. Permission of the department chair required.

EDU 4113. Classroom Management (7-12). This course provides information related to the implementation of rules and procedures, use of lesson plans as management tools, practical application of discipline models, and skills needed for effective communication. Content includes analysis and discussion of cases and research of current resources. The four domains of Danielson are presented. 15 hours field component required. Prerequisites: Admission to EPP, EDU 2043, SPE 3013.

EDU 4216. Secondary Teaching Internship Content. A 16-week experience in grades 7-12 in a public school where knowledge of content is assessed by an experience teacher, licensed in the content area and a Teachers College, Henderson content university supervisor. An Impact on Student Learning Project is assessed based upon the content standards defined by the appropriate specialized professional association. Together with *Clinical Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. Co-requisite: EDU 4256.

EDU 4241-3. Independent Research. A course designed for individuals wishing to work one-on-one with a faculty member to complete a project in a specific area of interest. Permission of the instructor is required.

EDU 4256. Secondary Teaching Internship Clinical. A 16-week experience in grades 7-12 in a public school where knowledge and demonstration of pedagogical skills are assessed by an experienced teacher, licensed in the clinical area and a Teachers College, Henderson clinical university supervisor. A clinical assessment portfolio created through TK20 and exit presentation is required as culminating projects. Together with *Content Internship* a total of four evaluations will take place with corrective feedback shared in a post-observation conference. **The appropriate Praxis PLT or pedagogy exam must be passed in order to receive credit for the course.** Co-requisite: EDU 4216.

EDU 4302. Assessment and Educational Measurement 4-8. The purpose of this course is to prepare prospective 4-8 teachers with practical knowledge and skills to plan and teach lessons, as well as to evaluate and analyze test results as they will be expected to do throughout their teaching careers. Admission to EPP required for enrollment. Prerequisites: EDU 2423, EDU 2043, SPE 3013.

EDU 4333, 4336. Practicum in Elementary Physical Education. Field Experience for Elementary Physical Education under the direct supervision of a qualified teacher while completing teacher internship, with guidance from the HPER departmental staff.

EDU 4373. Classroom Management P-4. The purpose of this course is to provide undergraduate students with a fundamental background in the various skills and techniques needed in the teaching profession. These skills and techniques will be closely meshed with classroom management and control, organization and discipline. Danielson's four domains are presented. Field component of 15 hours required. Prerequisites: Admission to EPP, EDU 2043, SPE 3013, EDU 3123.

EDU 4402. Assessment and Educational Measurement (7-12). A study of modern techniques of measurement and evaluation, both formative and summative. Attention is given to making and analyzing classroom tests. Computer assistance is also discussed. Prerequisites: Admission to EPP, EDU 2043, SPE 3013, EDU 3123.

EDU 4433. Classroom Management 4-8. The purpose of this course is to provide undergraduate students with a fundamental background in the various skills and techniques needed in the teaching profession. These skills and techniques will be closely meshed with classroom management and control, organization and discipline. Danielson's four domains are presented. 15 hours field component required. Prerequisites: Admission to EPP, EDU 2043, SPE 3013.

EDU 4533, 5533. Methods and Materials for Teaching Limited English Proficient Students. The purpose of this course is to aid teachers in instructing limited English proficient (LEP) students. Current methods and materials for English as a Second Language (ESL) and bilingual instruction will be presented. Specific areas covered will include second language acquisition, language assessment, reading strategies, content area strategies, and cultural considerations. This course is designed for students seeking the ESL endorsement. Prerequisite: EDU 2423.

EDU 4543, 5543. Teaching People of Other Cultures. The objective of this course is to assist educators in working with a growing and unique segment of population from multicultural backgrounds by increasing knowledge, sensitivity, and awareness along with the strategies necessary to address a culturally diverse population. This course meets the nonwestern culture course requirement.

EDU 4603, 5603. Second Language Assessment. The purpose of this course is to aid teachers in the use and interpretation of various instruments designed to assess the needs of limited English proficient (LEP) students. Formal and informal assessment instruments in both English and native languages will be included. Particular attention will be placed on assessments to determine the level of English language proficiency of students. This course is designed for students seeking the ESL endorsement. Prerequisite: EDU 2423.

EDU 4802. Assessment and Educational Measurement P-4. The purpose of this course is to prepare prospective P-4 teachers with practical knowledge and skills to plan and teach lessons, as well as to evaluate and analyze test results as they will be expected to do throughout their teaching careers. Prerequisites: Admission to EPP, SPE 3013, EDU 3123.

EDU 4833. Special Methods: Business and Technology Education. The teacher candidates will create lesson plans and supplementary materials for teaching business and technology education and related subjects. Practice teaching sessions will include implementing successful teaching methods, techniques, and assessment. A minimum of ten hours of field experience and observation may be required during which candidates teach 7-12 grade students and assess their impact on student learning. Preparation for teacher internship will be conducted including updating candidate's web-based portfolio. Fall only. Prerequisite: Admission to EPP required.

EDU 4854. Special Methods: Family and Consumer Sciences. Special methods in the teaching of family and consumer sciences. A minimum of ten hours of field experience and observation may be required during which candidates teach 7-12 grade students and assess their impact on student learning. Not offered every year; please see advisor.

EDU 4913. (WI) Special Methods: Social Studies. The purpose of this course is to introduce pre-service teachers to curriculum and instructional methods used by

professional secondary social studies educators. Students will review the social studies curriculum as it relates to learning and development, differences in learning styles, critical thinking, problem solving and performance skills, active learning and motivation, inquiry, collaboration, supportive classroom interaction, instructional planning, assessment, reflection, professional growth, and professional leadership (based on pedagogical standards identified by the National Council for the Social Studies). At least 10 hours field component required. Fall only. Admission to EPP required.

Undergraduate Courses in Reading

RDG 3103. (WI) Emergent and Developing Literacy. This course is designed to cover the basis of reading instruction, process, and terminology as related to the elementary and middle level classroom curriculum. Prerequisite: EDU 2423.

RDG 3203. Reading and Writing in the Content Area. A study of materials and techniques used in teaching reading strategies to middle level and secondary students to enhance their learning in the content areas. Special emphasis is placed on diagnosis and provision for meeting individual needs within the content area courses. Prerequisite: RDG 3103.

Undergraduate Courses in Special Education

SPE 3013. Psychology of the Exceptional Child. A course designed to introduce the student to a study of those children who deviate from the normal pattern of development. The course includes a review of the causes of individual differences and a survey of materials and methods used in the field of special education. 10 hours of field experience required. Prerequisite: EDU 2423.

SPE 3503. Special Education and the Law. This course is designed to provide an introductory overview of the federal and state laws concerning provision of services to students with exceptionalities in the public schools. The course emphasizes the rights and responsibilities contained in the Individuals with Disabilities Education Act (IDEA) and a review of the political, legal, and social history leading to its passage. The Rehabilitation Act of 1973: Section 504 and the American Disabilities Act (ADA) are also discussed. Selective court cases, legal readings and educational law and policies for the State of Arkansas are included. Prerequisite: SPE 3013.

SPE 3513. Strategies in Behavior Management. This course provides an introduction to the strategies, principles, and techniques of behavior management. The course also provides a basic understanding of the social, cultural, emotional, motivational and environmental factors and issues which influence student behavior and development. Strategies, techniques and principles to promote self-esteem, autonomy and self-regulation will be discussed and reviewed through assignments based on school field experiences and current research based readings. Candidates will be required to spend at least ten hours in school classrooms. Prerequisite: SPE 3013.

SPE 4103/5103. Advanced Methods of Instructing Students with Mild/Moderate Disabilities. This course provides a series of experiences in which the candidate designs, implements, and evaluates appropriate individualized instructional programs for individuals with mild to moderate disabilities. Field experiences are required. Prerequisites: SPE 3503, SPE 3513, EDE 4433, EDE 4423,

EDE 4413, EDE 4283.

SPE 4116. Special Education (K-12) Internship Content. A 16-week special education experience in a K-12 public school setting, during which candidates are exposed to a full range of disabilities and grade levels. Knowledge of content is assessed by a special education university supervisor and an experienced special education teacher. An Impact on Student Learning Project is assessed based upon the content standards defined by the Council for Exceptional Children (CEC). Together with *Clinical Internship* a total of four assessments will take place with corrective feedback shared in a post-observation conference. Co-requisite: SPE 4126.

SPE 4126. Special Education (K-12) Internship Clinical. A 16-week experience in a K-12 public school setting. Knowledge and demonstration of pedagogical skills are assessed by an experienced teacher, licensed in the clinical area and a Teachers College, Henderson clinical university supervisor. A clinical assessment portfolio created through TK20 and exit presentation is required as culminating projects. Together with *Content Internship* a total of four assessments will take place with corrective feedback shared in a post-observation conference. **The appropriate Praxis PLT must be passed in order to receive credit for the course.** Co-requisite: SPE 4116.

SPE 4213/5213. Assessment and Programming. The purpose of the course is to provide students with the basic understanding of the legal and ethical issues that impact assessment, eligibility and placement of students with disabilities, measurement theory, practices and devices required for appropriate services. The focus will be to gain an understanding and to demonstrate educational responsibility for knowing assessment devices and procedures. Field experiences are required. Prerequisites: SPE 3503, SPE 3513, EDE 4433, EDE 4423, EDE 4413, EDE 4283.

SPE 4393/5393. Advanced Methods of Instructing Students with Severe to Profound Disabilities. This course is designed to provide an intensive study in the curriculum, methods, techniques and materials that have been developed specifically for those students with moderate, severe and profound disabilities. This study will focus on a functional and age appropriate curriculum base and community-based instruction (CBI) as well as methods and approaches for successful inclusion within the general education program. Alternate assessment will also be addressed. Field experiences are required. Prerequisites: SPE 3503, SPE 3513, EDE 4433, EDE 4423, EDE 4413, EDE 4283.

SPE 4403/5403. Assessment and Programming. The purpose of the course is to provide students with the basic understanding of the legal and ethical issues that impact assessment, eligibility and placement of students with disabilities, measurement theory, practices and devices required for appropriate services. The focus will be to gain an understanding and to demonstrate educational responsibility for knowing assessment devices and procedures. Field experiences are required. Prerequisites: SPE 3503, SPE 3513, EDE 4433, EDE 4423, EDE 4413, EDE 4283.

HEALTH, PHYSICAL EDUCATION, RECREATION, and ATHLETIC TRAINING

Dr. Lynn Glover-Stanley, **Chair**; Mr. Miller, Dr. Wempe, Dr. Thomasson, Dr. J Schultz, Dr. Riley. **Coaching Instructors:** Mr. Baker, Mr. Espionza, Mr. Fiscus, Mr. Francis, Ms. J. Gordon, Mr. M. Gordon, Mr. Hooten, Ms. Jackson, Ms. Joiner, Mr. Matthews, Mr. Maxfield, Mr. Nichols, Mr. Redding, Ms. Reid, Mr. Schultz,

Mr. Smelser, Mrs. Thigpen, Ms. Thomas, Mr. Volarich, Mr. Wilson

Physical Education and Health

The Physical Education and Health degree is ideal for those who want to teach the importance of physical education and health. Persons completing this degree will be eligible to work with students K-12. There are vast opportunities to have a fulfilling career teaching children, adolescents, and young adults how to take care of their bodies, the importance of lifelong fitness and the confidence that goes along with being physically fit. Students will obtain the skills and techniques needed to teach students how to appreciate their bodies and understand the significance of physical activity. This degree also offers a coaching endorsement which consists of seven hours. The coaching endorsement is for grades K-12.

Note: Any injuries occurring in class or non-scheduled, free play, recreational activities shall be the responsibility of the participant and not the institution. Waivers are mandatory for all activity courses.

Major Requirements:

All majors must take one course in swimming or demonstrate proficiency by examination.

It is required that all majors in physical education and health demonstrate proficiency in all basic activity skills before graduating.

Bachelor of Science in Education Degree

Core Requirements

Hours

ATP 2043 Prevention & Treatment of Ath. Injuries/CPR.....	3
HPE 1350 Orientation to Physical Education, Wellness and Leisure*.....	0
HPE 2083 Health/Physical Education Principles.....	3
HPE 2663 Motor Development & Skill Acquisition	3
HPE 2743 Anatomy for Health/Physical Education**.....	3
HPE 3093 Kinesiology***.....	*3
HPE 3293 Measurement and Evaluation in P. E***.....	3
HPE 4072 Adapted Physical Education.....	2
HPE 4113 Practicum of Teaching School Health Education****.....	3
HPE 4143 Sport Management & Leadership	3
HPE 4183 Methods of Teaching Healthy Dec. I (Nutrition, Drugs, Disease).....	3
HPE 4193 Methods of Teaching Healthy Dec. II (Family, Relationships Human .. Sexuality).....	3
OR	
FCS 3153 Family Relationships (substitute for HPE 4193 only)	3
HPE 4273 Exercise Physiology for Health and Physical Education*****	3
HPE 4603 Special Methods: Health and Physical Education.....	3
Total Hours 38	

Prerequisites:

*This class must be taken when PEWL major is declared or prior to admittance to the Teacher Education Program.

**Must have completed Biology with Lab (4 hours).

***Must have completed HPE 2743 Anatomy for Health and Physical Education.

****Must have taken both Methods of Teaching Healthy Decisions and equivalent.

*****Must have passed All Core Exams before enrollment (Reading, Writing, Math) and must have completed Chemistry with lab.

Required Methods Courses for Majors (Methodology and Skills)

METHODS REQUIREMENTS 7 hours (Must have 7 of the courses listed)

2 Conditioning Methods courses (2 hours) required:

HPE 2411	Methods of Conditioning Activities (taken concurrently with HPE 3093).....	1
HPE 2341	Methods of Practical Applications Cond. Act (taken concurrently with HPE 4273)	1

2 of 3 Team Sports Methods courses (2 hours) required:

HPE 2641	Methods of Team Sports I (Softball/Volleyball)	1
HPE 2651	Methods of Team Sports II (Soccer/Basketball)	1
HPE 2671	Methods of Team Sports III (Flag Football/Multi-Cultural Games).....	1

3 of 4 Leisure/Social/Recreational Methods courses (3 hours) required:

HPE 2301	Methods of Racquet Sports (Tennis/Badminton).....	1
HPE 2311	Methods of Leisure Sports (Golf/Multi-Cultural Games).....	1
HPE 2321	Methods of Social Dance.....	1
HPE 2331	Methods of Recreational Activities	1

Elementary Physical Education 7 hours

HPE 2331	Methods of Recreational Activities	1
HPE 2732	Methods of Rhythmic Games, Gymnastics & Playground Activities	2
HPE 3502	Health and Fitness for Children	2
EDE 2063	Child Development.....	3

Courses Required for Coaching Endorsement *OPTIONAL*

7 hour requirement only for Physical and Health Majors

HPE 2872	Theory of Coaching*	2
HPE 3102	Psychology and Ethics of Sports*	2

3 of the 7 Coaching Practicum courses (3 hours) required:

HPE 4151	Practicum of Coaching Track & Field.....	1
HPE 4161	Practicum of Coaching Softball.....	1
HPE 4801	Practicum of Coaching Swimming.....	1
HPE 4811	Practicum of Coaching Football	1
HPE 4821	Practicum of Coaching Volleyball.....	1
HPE 4831	Practicum of Coaching Basketball.....	1
HPE 4841	Practicum of Coaching Baseball	1

*HPE 2872 and HPE 3102 are prerequisites for any practicum of coaching class. (Prerequisites can be taken concurrently)

Coaching Endorsement Grades 7-12 (for non-physical education, wellness and leisure majors)

COACHING ENDORSEMENT CORE (22 hours)

ATP 2043	Prevention and Treatment of Athletic Injuries/CPR.....	3
HPE 2663	Motor Development and Skill Acquisition.....	3

HPE	2743	Anatomy for Health and Physical Education.....	3
HPE	2872	Theory of Coaching *.....	2
HPE	3093	Kinesiology	3
HPE	3102	Psychology and Ethics of Sports*	2
HPE	4143	Sport Management & Leadership.....	3
HPE	4273	Exercise Physiology for Health and Physical Education	3

COACHING ENDORSEMENT PRACTICUM (3 of 7 courses – 3 hours total)

HPE	4151	Practicum Coaching :Track & Field	1
HPE	4161	Practicum Coaching : Softball	1
HPE	4801	Practicum Coaching :Swimming	1
HPE	4811	Practicum Coaching :Football	1
HPE	4821	Practicum Coaching :Volleyball	1
HPE	4831	Practicum Coaching :Basketball	1
HPE	4841	Practicum Coaching :Baseball	1

*HPE 2872 and HPE 3102 are prerequisites for any practicum of coaching class.

*Students must take HPE 2872 as a prerequisite for HPE 3102; however, prerequisites may be taken concurrently)

Test Requirements

Praxis II Specialty Area Test

Physical Education: Content & Design 5095

This coaching endorsement is for non-physical education majors that holds or is eligible to hold Arkansas teacher license grades K-12.

For the Bachelor of Science Degree with a Major in Recreation

The Recreation Program at Henderson State University is a leader in preparing students for careers in Leisure Service Management, Natural Resource Recreation Management, Sport Management. Many of our majors go on to graduate programs in Recreation Management or begin professional careers in areas such as Travel and Tourism, Municipal Recreation, Sport Management, Park Interpretation, Park Rangers, and Outdoor and Adventure Leadership.

B.S. Degree in Recreation ---- Leisure Services Management

MUST HAVE 2.0 GPA AND "C" OR BETTER IN COURSES LISTED BELOW PRIOR TO FIELD EXPERIENCE AND GRADUATION

PROFESSIONAL RECREATION CORE: (51 hours)

ATP	2043	Prevention and Treatment of Athletic Injuries/CPR.....	3
REC	2003	Introduction to Recreation and Sport.....	3
REC	2213	Introduction to Outdoor Recreation and Natural Resources	3
REC	2223	Leadership Techniques in Recreation and Sport.....	3
REC	3023	Program Planning Practicum	3
REC	3033	Recreation & Sport Facility Design, Maintenance, & Mgmt.....	3
REC	3143	Travel and Tourism	3
REC	3253	Inclusive Recreation and Sport.....	3
REC	3263	Commercial Recreation and Sport.....	3
REC	4053	Evaluation and Research in Recreation and Sport	3
REC	4083	Organization and Administration of Recreation and Sport.....	3
REC	4193	Special Events	3

REC	4153	Practicum in Recreation and Sport	3
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4230	Internship in Recreation, Sport and Leisure Seminar	0
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4066	Field Experience I.....	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	
REC	4076	Field Experience II	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	

INTERDISCIPLINARY LEISURE SERVICE MANAGEMENT CORE: (21 hours)

(All of these classes are required for degree plan)

BTE	4163	Desktop Publishing	3
		OR	
CSC	2003	Introduction to Computers.....	3
COM	2513	Leadership Group Communication.....	3
		OR	
COM	3273	Organizational Communication.....	3
FCS	2103	Nutrition	3
		OR	
FCS	3383	Sports Nutrition	3
REC	3273	Marketing & Fundraising in Recreation and Sport.....	3
REC	4203	Corporate Wellness	3
REC	4283	Legal Issues and Risk Management in Recreation and Sport...3	

DIRECTED ELECTIVES LEISURE SERVICE MANAGEMENT CORE: (3 hours)

ACC	2013	Principles of Accounting	3
ECO	2013	Macroeconomics	3
ECO	2023	Microeconomics	3
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours* 1	
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*1	
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours* 1	
HPE	2872	Theory of Coaching	2
HPR	2022	Sports Officiating	2
HPR	2053	Water Safety (Proficiency Test Required)	3
HPR	2173	Lifeguard Training & Waterfront (Proficiency Test Required)...3	
MGM	3013	Management Communications (WI course)	3
MKT	3013	Fundamentals of Marketing	3
		(prerequisite – ACC 2013 & ECO 2023)	
PSY	3303	Motivation	3

*HPE Methods Courses must be approved by student faculty advisor and HPER/AT Department Chair for credit approval

B.S. Degree in Recreation ---- *Natural Resources Recreation Management*

PROFESSIONAL RECREATION CORE: (51 hours)

ATP	2043	Prevention and Treatment of Athletic Injuries/CPR.....	3
REC	2003	Introduction to Recreation and Sport.....	3
REC	2213	Introduction to Outdoor Recreation and Natural Resources	3

REC	2223	Leadership Techniques in Recreation and Sport.....	3
REC	3023	Program Planning Practicum	3
REC	3033	Recreation & Sport Facility Design, Maintenance, & Mgmt.....	3
REC	3143	Travel and Tourism	3
REC	3253	Inclusive Recreation and Sport.....	3
REC	3263	Commercial Recreation and Sport.....	3
REC	4053	Evaluation and Research in Recreation and Sport	3
REC	4083	Organization and Administration of Recreation and Sport.....	3
REC	4193	Special Events	3
REC	4153	Practicum in Recreation and Sport	3
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4230	Internship in Recreation, Sport and Leisure Seminar	0
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4066	Field Experience I	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	
REC	4076	Field Experience II	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	

INTERDISCIPLINARY NATURAL RECREATION CORE: (15 hours)

(All of these classes are required for degree plan)

BTE	4163	Desktop Publishing.....	3
OR			
CSC	2003	Introduction to Computers.....	3
GBU	3143	Legal Environment of Business.....	3
PHS	1053	Earth Systems and the Environment.....	3
REC	3173	Wilderness Policy and Management.....	3
REC	4183	Outdoor Adventure Leadership	3

DIRECTED ELECTIVES NATURAL RECREATION CORE: (9 hours)

BIO	2104	General Botany.....	4
BIO	2114	General Zoology.....	4
BIO	3524	Ecology.....	4
BIO	4353	Mammalogy.....	3
BIO	4033	Ornithology	3
BIO	4073	Dendrology.....	3
BIO	4163	Entomology.....	3
BIO	4223	Ichthyology.....	3
BIO	4353	Mammalogy.....	3
COM	3273	Organizational Communication.....	3
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPR	2053	Water Safety Instruction (Proficiency Test Required).....	3
PSC	4063	Public Administration.....	3
OR			
PSC	3143	Municipal Government.....	3
REC	3273	Marketing and Fundraising in Recreation and Sport	3
REC	4203	Corporate Wellness	3
REC	4283	Legal Issues and risk Management in Recreation and Sport	3

*HPE Methods Courses must be approved by student faculty advisor and HPER/AT Department Chair for credit approval

B.S. Degree in Recreation ---- Sports Management

PROFESSIONAL RECREATION CORE: (51 hours)

ATP	2043	Prevention and Treatment of Athletic Injuries/CPR	3
REC	2003	Introduction to Recreation	3
REC	2213	Introduction to Outdoor Recreation and Natural Resources	3
REC	2223	Leadership Techniques in Recreation	3
REC	3023	Program Planning Practicum	3
REC	3033	Introduction to Park/Facility Planning and Design	3
REC	3143	Travel and Tourism	3
REC	3253	Inclusive Recreation and Sport	3
REC	3263	Commercial Recreation and Sport	3
REC	4053	Evaluation and Research in Recreation	3
REC	4083	Organization and Administration of Recreation	3
REC	4193	Special Events	3
REC	4153	Practicum in Recreation.....	3
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4230	Internship in Recreation, Sport and Leisure Seminar	0
		(2.0 GPA required prior to enrollment)	
		(completed spring semester before internship)	
REC	4066	Field Experience I.....	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	
REC	4076	Field Experience II	6
		(2.0 GPA required prior to enrollment)	
		(must have completed recreational professional core)	

INTERDISCIPLINARY SPORT MANAGEMENT CORE: (16 hours)

(All of these classes are required for degree plan)

BTE	4163	Desktop Publishing.....	3
		OR	
CSC	2003	Introduction to Computers.....	3
FCS	2103	Nutrition	3
		OR	
FCS	3383	Sports Nutrition	3
HPR	2022	Sports Officiating	2
HPE	2872	Theory of Coaching	2
REC	3273	Marketing & Fundraising in Recreation and Sport	3
REC	4283	Legal Issues and Risk Management in Recreation and Sport.....	3

DIRECTED ELECTIVES SPORT MANAGEMENT CORE: (8 hours)

ACC	2013	Principles of Accounting	3
ECO	2013	Macroeconomics.....	3
ECO	2023	Microeconomics	3
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPE	_____	1 hour methods course may be taken for up to 3 total credit hours*	1
HPR	2053	Water Safety (Proficiency Test Required).....	3
HPR	2173	Lifeguard Training & Waterfront (Proficiency Test Required)	3
GBU	3143	Legal Environment of Business.....	3
MGM	3013	Management Communications (WI course)	3
MKT	3013	Fundamentals of Marketing (prerequisite – ACC 2013 & ECO 2023).....	3

PSY 3303 Motivation.....	3
REC 4203 Corporate Wellness	3

*HPE Methods Courses must be approved by student faculty advisor and HPER/AT Department Chair for credit approval

Recreation Minor: (15 Hours)

****Must be approved by the Department Chairperson***

REC 2003 Introduction to Recreation and Sport.....	3
REC 3023 Program Planning Practicum	3
REC 3253 Inclusive Recreation and Sport.....	3
REC 4083 Organization and Admin of Recreation	3
REC Directed Elective (from professional recreation core).....	3

Athletic Training Program

The Henderson State University Athletic Training Program (ATP) is an accredited program through the Commission on Accreditation of Athletic Training Education (CAATE). The HSU-ATP originally gained accreditation in 2005. Persons interested in expressing comments and/or concerns about Henderson’s ATP may contact the accrediting agency at the following address:

CAATE
 2201 Double Creek Drive
 Suite 5006
 Round Rock, TX 78664

Mission Statement

The mission of the Henderson State University Athletic Training Program, via a liberal arts education, is to prepare students to become certified professionals by the Board of Certification (BOC) and to obtain employment that will allow them to make significant contributions to the field of athletic training. It is also imperative that the student be adequately trained for admission to any graduate level course of study pertinent to the various fields of health care. The curriculum will include didactic and clinical experiences that will focus on the Athletic Training Competencies and Proficiencies. Each student will be prepared to be a competent athletic trainer and act in accordance with the professional and ethical guidelines set forth by the National Athletic Trainers’ Association.

Program Goals

The Henderson State University Athletic Training Program, through academic and clinical experiences, shall:

- Actively seek the highest caliber students
- Provide all students exposure to injuries and illnesses of a diverse physically active population
- Promote acceptable standards of ethical conduct at every opportunity and appreciate the impact of their profession and role of professionalism within the field of athletic training by carefully adhering to the NATA Code of Ethics and the Rules and Regulations set forth by the Arkansas State Board of Athletic Training
- Prepare students to successfully complete the BOC certification exam by offering an educational experience that includes an effective blend of didactic instruction and clinical experience in relation to the National Athletic Trainers' Association Athletic Training Educational Competen-

cies

- Provide students with supervised opportunities to apply their knowledge in practical situations by working with both male and female, high and low risk, and upper and lower extremity sports, equipment intensive sports and with physicians and other health care providers
- Continually seek the highest quality instructional techniques and clinical experiences for the students
- Prepare qualified students in the athletic training program for employment in a variety of athletic training settings and other allied health care agencies
- Assist students in reaching their professional goals by actively seeking employment and/or graduate positions beyond their undergraduate experience
- Continuously determine the reliability and validity of the athletic training course content and clinical experiences
- Reflect current trends and issues of the Athletic Training Profession
- Strive to meet the program and institutional requirements which conform to and set forth by the NATA, CAATE, BOC and the Arkansas State Board of Athletic Training for licensure
- Encourage students' professional development through incremental and sequenced classes and through direct supervision and evaluation in clinical experiences

Program Objectives

- Place students in supervised situations that may put the theory of the classroom into practice and encourage common sense, rational thinking and problem solving skills. It will also encourage students to develop appropriate skills in communications, organization and administration in the athletic training setting.
- Expose students to other professionals in the various fields of health care.
- Prepare its students to be successful on the BOC examination.
- Encourage students to further his/her knowledge through continuing education by joining and attending professional organizations at local, state, regional and national levels.
- Assist students in reaching their professional goals after leaving Henderson State University by giving them the tools to become lifelong learners capable of contributing to the profession of athletic training.

Students admitted to the university declaring a major in athletic training become ATHLETIC TRAINING ADVISEES/OBSERVERS. Students become ATHLETIC TRAINING STUDENTS upon completing the prerequisite courses and admittance into the ATP. A student's first academic year will be of a pre-professional status. During this time the student will strive to meet the standards of admission to the professional program and ultimately a Bachelor of Science degree with a major in Athletic Training. Students are encouraged to declare athletic training as their major as soon as possible following admission to the university. Upon completion of the prescribed curriculum, the ATHLETIC TRAINING STUDENT is eligible for the Bachelor of Science degree and has a foundation for graduate study in athletic training or other health care fields.

ATP Admission Guidelines

At the conclusion of the pre-professional year, the student must have

successfully met the following criteria:

- Completion of classes: ATP 1102, ATP 2052 and HPE 2743 with a grade of “B” or better
- Completion of: BIO 1013 and BIO 1021 (if available) with a grade of “C” or better
- A cumulative grade point of 2.5 on a 4.0 scale
- Complete and submit to the Clinical Coordinator and the Program Director, the application packet for acceptance into the professional program, which consists of but not limited to:
 - Completion of application form
 - Autobiographical essay of experiences and goals pertaining to athletic training
 - Current unofficial transcript
 - Documentation of 100 logged observation hours by the time of application
 - Current resume
 - Proof of immunization and other medical records (requested from Student Health Services)
 - Signed release forms
- An interview with the Athletic Training Committee may be required (an interview may only be scheduled after satisfying the above criteria)

Application Submission Deadline

All required materials are due no later than July 15th of each year.

Selection Criteria

Admission packets that meet the submission deadline will then be evaluated by the ATP Committee. The committee will evaluate the students’ interviews (if required), application packet, GPA, and specific class grades on a point scale. Through a *competitive admission process*, the students will then be ordered by rank. The highest ranked students will be accepted to the professional program according to the availability of space. The size of the program will be determined according to the number of Preceptors within the university program and at participating off campus clinical internship sites. All selection proceedings will be conducted by the ATP Committee. Any student appeals must follow the appeals guidelines outlined by the university in the Henderson Student Handbook.

Conditional Acceptance

If a pre-professional student is unable to enroll in BIO 1014 due to closed sections or a scheduling conflict, they may be admitted to the ATP on the condition that this deficiency is satisfied within the first two semesters of the professional program. All other issues of conditional acceptance will be at the discretion of the ATP committee and Program Director and will be considered on a case by case basis. Only one application deficiency will be allowed per case and must be satisfied within the stated conditions.

Transfer Students

Students having no prior athletic training experience that transfer to Henderson from another two or four-year institution may apply for admission into the ATP upon completion of all previously outlined application criteria. However, if the student has been participating in another academic AT program, he/she will be required to submit a portfolio of previous work, course descriptions from the other

institution, and letters of recommendation from the program director and head athletic trainer of the program, along with other materials in the application. If all of the application criteria are not met, the student will be asked to participate in an oral evaluation of the appropriate competencies expected of a sophomore student. All oral evaluation and selection proceedings concerning transfer students will be conducted by the ATP Committee. Any student appeals must follow the appeals guidelines outlined by the university in the Henderson Student Handbook.

Change of Major Students

Students having no prior athletic training experience that change their major course of study within the Henderson community may apply for admission into the ATP upon completion of all previously outlined application criteria. No special privileges will be afforded these students. They must meet regular admission standards to participate within the ATP.

Requirements for the Bachelor of Science in Athletic Training (BSAT)

Statement of Additional Fees

In addition to regular tuition the Introduction to Athletic Training course and all Laboratory, Practicum, and EMT courses will be assessed a laboratory fee. Students will also be required to purchase their own medical equipment such as a stethoscope and blood pressure cuff when enrolled in the basic EMT or equivalent general medical based course. Upon completion of the EMT course students are expected to challenge the EMT registry examination which will be at the cost of the student. The final senior semester will consist of two Field Experience courses that allow college credit for practical internship placements and therefore will be assessed the regular per hour tuition charges from the university. Furthermore, the program or an internship site may require background checks and/or drug testing which may be at the expense of the student.

Core Courses for Athletic Training Majors:

Students must possess a minimum cumulative 2.50 GPA in Liberal Arts Core courses as well as meet the pre-professional course requirements prior to admission into the Athletic Training Program. (no minor required)

PRE-PROFESSIONAL CORE: Must be taken prior to program entry (12 hours)

ATP	1102	Introduction to Athletic Training
ATP	2052	Medical Terminology
BIO	1013	Introduction to Biology
BIO	1021	Introduction to Biology Laboratory
HPE	2743	Anatomy for Health & Physical Education
HPR	1011	Life Fitness Concepts

(meets the 1hr. HPER requirement - Liberal Arts Core)

PROFESSIONAL CORE: (58 hours-required)

ATP	2002	A.T. Practicum I
ATP	2012	A.T. Practicum II
ATP	3022	A.T. Practicum III
ATP	3032	A.T. Practicum IV
ATP	4262	A.T. Practicum V
ATP	2202	Special Topics in Athletic Training
ATP	2243	Athletic Injury Management
HPE	3093	Kinesiology
ATP	3063	Assessment & Evaluation of the Upper Extremities

ATP 3161	Assessment & Evaluation of the Upper Extremities Laboratory
ATP 3073	Assessment & Evaluation of the Lower Extremities
ATP 3171	Assessment & Evaluation of the Lower Extremities Laboratory
ATP 3083	Therapeutic Modalities
ATP 3181	Therapeutic Modalities Laboratory
ATP 3213	Pharmacology in Athletic Training
ATP 4093	Rehabilitation and Therapeutic Exercise
ATP 4191	Rehabilitation and Therapeutic Exercise Laboratory
ATP 4113	Senior Seminar
HPE 4273	Exercise Physiology for Health and Physical Education
ATP 4123	Organization and Administration of Athletic Training
ATP 4226	A.T. Field Experience I
ATP 4236	A.T. Field Experience II

SUPPORT CURRICULUM: (13 hours-required)

PSY 1013	General Psychology (meets 3 hrs. of the Social Science requirement - Liberal Arts Core)
FCS 3383	Sports Nutrition (FCS 2103 Nutrition course may substitute)
BIO 2174	Human Anatomy & Physiology I
BIO 2174L	Human Anatomy & Physiology I Lab
3 hours	Student's choice of General Medical Conditions (ATP2273), EMT (ATP1136), or a similar course through Nursing, Medical Sciences, etc. (must include a general medical clinical rotation)

Exposure to Risks During Athletic Training Experiences

Exposure to infectious illnesses (including the human immunodeficiency virus which causes AIDS), injuries and related accidents can occur as a part of athletic training experiences. Students in the Henderson-ATP are provided with information and guidance concerning: a) universal precautions for protection from infectious illnesses, b) immunizations recommended for health care workers, c) testing for infectious illnesses (including tuberculosis), and d) protection from injuries during clinical courses. We **STRONGLY RECOMMEND** that all ATP students submit to a series of Hepatitis B vaccination shots at their expense. If the student chooses not to have the vaccine administered, they must sign a release form stating that they are aware of the potential hazards of not doing so. Proof of all other vaccinations must be up to date and submitted to the program director (must be requested from Student Health Services by the student).

Insurance

The ATP provides a blanket "student liability insurance" policy at no additional cost to the program students. This policy provides liability coverage to any athletic training student, student supervisor and the general program while providing athletic health care at any program related events and activities. The students are only covered by this policy while under the direct supervision of their clinical supervisor at university sponsored and/or outreach events.

We **STRONGLY RECOMMEND** that ATP students maintain adequate health care coverage and disability insurance such that they will be protected in the event of illness and/or injury associated with clinical experiences and travel to and from clinical sites.

Americans with Disabilities Act, Implication for Athletic Training Majors

Students with documented disabilities who are applying for admission to Henderson and to the ATP will be welcome according to the guidelines of the Ameri-

cans with Disabilities Act (ADA) of 1990. Reasonable accommodations will be made for students who have a documented disability, but who have the abilities to assume the role of a certified athletic trainer in accordance with the ATP technical standards (see below). These abilities include verbal and written communication, critical thinking, athletic training assessment of the physical health status of patients, and performance of athletic training procedures including cardiopulmonary resuscitation. If a situation indicates a need, students with disabilities will be evaluated on an individual basis by the faculty of the ATP, Henderson Department of Disability Services, and legal counsel to the university as to their potential for success in a career in athletic training during or after the admission process to the program.

Technical Standards for Admission to Clinical Education

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

Candidates for selection to the ATP must demonstrate:

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

8. Effective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the ATP will be required to verify they understand and meet these technical standards or that they believe with certain accommodations, they can meet the standards. The Office of Disability Services will evaluate a student who states he/she could meet the program's technical standards with accommodations and confirm that the stated condition qualifies as a disability under applicable laws. If a student states he/she can meet the technical standards with accommodation, then the university will determine whether it agrees that the student can meet the technical standards with reasonable accommodation. This includes a review of whether the accommodations requested are reasonable taking into account whether accommodations would jeopardize clinician/patient safety or the educational process of the student or the institution, including all coursework, clinical experiences and internships deemed essential to graduation.

Board of Certification (BOC)

The ultimate goal of the program is to prepare the student for the Board of Certification examination. After a senior student registers for his/her final semester and successfully passes the Capstone Qualifying Examination, they are eligible for BOC application. During the application process the Program Director will be contacted by the BOC. The Program Director must then approve the student's status and agree that all requirements for graduation should be met by the stated commencement date. The student will then be eligible to register for the Board of Certification examination to be taken during the final senior semester. Successful completion of this examination will credential the candidate as a nationally Certified Athletic Trainer (ATC). Credentials will be withheld until graduation and a final official transcript is submitted to the BOC.

Qualifying Examinations for BOC Eligibility

Concluding the first semester of the senior year the student will be required to score at least 75% on a Capstone examination which is comprehensive of the entire athletic training program. The student will have three chances to show success on these qualifying examinations. Failure to do so will result in a denial of BOC exam clearance by the Program Director.

Courses in Health, Physical Education, Recreation, and Athletic Training

All baccalaureate students are required to have one hour of physical wellbeing. This requirement is satisfied by taking either Life Fitness Concepts or any one hour activity course.

Physical Education Activity Courses

HPR	1201	Pilates
HPR	1281	Stability Ball
HPR	1301	Walk, Jog, Run for Fitness
HPR	1311	Zumba for Fitness
HPR	1331	Weight Training
HPR	1341	Wii Sports Fitness
HPR	1351	Aquatic Zumba
HPR	1451	Dance for Fitness
HPR	1461	Advanced Yoga
HPR	1471	Beginning Swimming
HPR	1481	Intermediate Swimming

HPR	1521	Racquetball
HPR	1531	Conditioning
HPR	1551	Tae Kwon Do (Beginning)
HPR	1601	Recreational Flag Football
HPR	1691	Recreational Basketball
HPR	1851	Yoga
HPR	1981	Advanced Pilates
HPR	2382	Ballet I
HPR	2551	Tae Kwon Do (Intermediate)
HPR	2592	Theatre Dance I
HPR	2611	Tennis
HPR	2621	Golf
HPR	2912	Jazz Dance I
HPR	2941	Aerobics
HPR	2951	Aquatic Aerobics
HPR	3551	Tae Kwon Do (Advanced)
HPR	4442	Modern Dance
REC	1131	Canoeing and Kayaking

Courses in Athletic Training, Health, Physical Education, and Recreation

ATP 1102. Introduction to Athletic Training. This is a pre-professional course which is designed for the athletic training major in preparation for admission to the athletic training program. The class will meet two hours per week in the athletic training laboratory. The student will learn basic wound care, proper management of biohazardous materials, and be introduced to basic taping, wrapping and bracing techniques. The student will be required to log a minimum of 100 observation hours that will be accumulated through **observation only**, in the athletic training room, athletic training laboratory, athletic practices, and events. The number of observation hours will be translated to a point scale of two points per hour and calculated into the student's final grade.

ATP 1136. Emergency Medical Technology. This course covers the first phase of training in the Emergency Medical Technician career structure. It includes all techniques of emergency medical care presently considered within the responsibilities of the Emergency Medical Technician. Specific content of the course is based on the National Highway Safety Bureau Program Standard No. 11 and guidelines and recommendations for training ambulance personnel prepared by the Committee on Emergency Medical Services of the National Academy of Sciences.

ATP 2002. Athletic Training Practicum I. Athletic training practicum courses are designed to allow the student practical application and evaluation of clinical proficiencies in both laboratory and clinical settings. The course will review and re-evaluate clinical proficiencies that were introduced the previous semester. The student will be required to log a minimum of 150 contact hours during which they will practice the related proficiencies.

ATP 2012. Athletic Training Practicum II. Athletic training practicum courses are designed to allow the student practical application and evaluation of clinical proficiencies in both laboratory and clinical settings. The course will review and re-evaluate clinical proficiencies that were introduced the previous semester. The student will be required to log a minimum of 150 contact hours during

which they will practice the related proficiencies.

ATP 2043. Prevention and Treatment of Athletic Injuries/CPR. A study of care and prevention of athletic related injuries seen in the physically active population for physical education and recreation majors. Emphasis is given to the care of and prevention of athletic related injuries with extensive training in prophylactic taping. Each student will be given comprehensive and systematic instruction on the basic material, concepts and protocols in the area of prevention and treatment of athletic related injuries. Prerequisite: HPE 2743, Anatomy for Health/Physical Education.

ATP 2052. Medical Terminology. This course is designed to prepare the student to utilize medical terminology in a variety of health care roles. The student will learn the definitions and use of medical terms common to many health related disciplines. The student will also learn the pronunciation, plural forms, etymology, and abbreviation of words and medical terms used in the field of medicine.

ATP 2202. Special Topics in Athletic Training. Special Topics in Athletic Training places a primary emphasis on Sport Psychology and evaluative concerns and procedures pertaining to the head and related structures. Principles of sport psychology are applied to individual and team behavior and performance issues. A review of head and facial anatomy with regard to injuries, evaluation and care will also be of primary concern. Research is emphasized and topics include: personality, motivation and arousal, perception, stress and anxiety during the process of competition, diversity in sports, ethics in sport psychology, nutrition and head related traumas.

ATP 2243. Athletic Injury Management. This course is an intermediate level study for the athletic training student concerning the care, prevention and management of athletic injuries as seen in the physically active population. Each student will be given comprehensive and systematic instruction on the materials, concepts, and protocols in the area of athletic injury prevention and management. These skills will be carried forward to the advanced stages of the ATP.

ATP 2256. Intermediate Emergency Medical Technology. This course allows Basic Emergency Medical Technicians to continue their training in the areas of: extended patient assessment, intravenous (IV) initiation and therapy, medical and legal considerations, advanced shock, pediatric vascular access, drug management of selected drugs, EKG recognition and limited advanced airway management. This course is also designed to give the student a variety of in-field opportunities to have hands-on practice of current and previously learned skills. It will assist the student in preparation for state and NREMT certification. Prerequisites: Current AHA-Healthcare Provider or Red Cross-Professional Rescuer CPR. Current EMT-Basic certification interview or written application approval by instructor, either EMT-Basic certified for a minimum of one year and active as either a paid or volunteer with an ambulance service or are at least junior year and in good standing in a health or allied health program.

ATP 2273. General Medical Conditions. This course will present the assessment, identification, referral and treatment of general medical illnesses commonly found among physically active populations. The course includes a clinical rotation at an area medical facility. Prerequisites: ATP 2052-Medical Terminology or Permission from PD and/or CC.

ATP 3022. Athletic Training Practicum III. Athletic training practicum courses are designed to allow the student practical application and evaluation of clinical proficiencies in both laboratory and clinical settings. The course will review and re-evaluate clinical proficiencies that were introduced the previous semester. The student will be required to log a minimum of 150 contact hours during which they will practice the related proficiencies.

ATP 3032. Athletic Training Practicum IV. Athletic training practicum courses are designed to allow the student practical application and evaluation of clinical proficiencies in both laboratory and clinical settings. The course will review and re-evaluate clinical proficiencies that were introduced the previous semester. The student will be required to log a minimum of 150 contact hours during which they will practice the related proficiencies.

ATP 3063. Assessment and Evaluation of the Upper Extremities. The purpose of the course is to develop knowledge, skill and understanding of the evaluation process of common sports injuries, including in-depth studies of the anatomical, physiological and pathological processes that occur due to athletic injury. Etiology, mechanisms, signs, symptoms and special tests associated with head, cervical, spine, shoulder, elbow, wrist and hand injuries will be examined. Practical evaluation skills and injury disposition proficiency will be improved. This class will incorporate the use of laboratory practical experiences.

ATP 3161. Assessment and Evaluation of the Upper Extremities Laboratory. ATP laboratory classes are designed to allow the student practical application of classroom instruction which affords them the opportunity to reach mastery level of the competencies and proficiencies within athletic training.

ATP 3073. Assessment and Evaluation of the Lower Extremities. The purpose of the course is to develop knowledge, skill and understanding of the evaluation process of common sports injuries, including in-depth studies of the anatomical, physiological and pathological processes that occur due to athletic injury. Etiology, mechanisms, signs, symptoms and special tests associated with thoracic and lumbar spine, hip, knee, ankle and foot injuries will be examined. Emphasis will also be placed on postural assessment and the evaluation of gait. Practical evaluation skills and injury disposition proficiency will be improved. This class will incorporate the use of laboratory practical experiences.

ATP 3171. Assessment and Evaluation of the Lower Extremities Laboratory. ATP laboratory classes are designed to allow the student practical application of classroom instruction which affords them the opportunity to reach mastery level of the competencies and proficiencies within athletic training.

ATP 3083. (WI) Therapeutic Modalities. The student will study and learn the current trends and concepts of applying modalities to treat injuries and aid healing to the physically active individual. The student will explore and discuss the modern philosophies concerning therapeutically treating the injuries seen in an athletic training or sports medicine facility. Ultimately, the student will be able to plan a successful rehabilitation protocol involving all aspects and types of therapeutic modalities while applying this knowledge to a laboratory setting. This class will incorporate the use of laboratory practical experiences.

ATP 3181. Therapeutic Modalities Laboratory. ATP laboratory classes are designed to allow the student practical application of classroom instruction which

affords them the opportunity to reach mastery level of the competencies and proficiencies within athletic training.

ATP 3213. Pharmacology in Athletic Training. This course will emphasize legal and illegal drug use in the physically active population. Topics include indications, contraindications, interactions, effects and side-effects of commonly used non-prescription and prescription medications the use of ergogenic aids and illegal substances in athletics and neurophysiology and pharmacology as related to the effects of drugs on the human body. This course will also address common general medical conditions as seen in athletic training, their prevention, signs and symptoms as well as first aid and pharmacological treatments. Prerequisites: ATP 2052 -Medical Terminology and ATP 2273-General Medical Conditions or ATP 1136-Emergency Medical Technology, or Permission from PD and/or CC.

ATP 4093. Rehabilitation and Therapeutic Exercise. This course is designed for the student to attain competency in procedures and techniques used in sports rehabilitation. Specific indications, contradictions, physiological effects and resistance methods will be investigated. When the course is completed the student should have an understanding of prescription relating to therapeutic and preventive exercises.

ATP 4191. Rehabilitation and Therapeutic Exercise Laboratory. ATP laboratory classes are designed to allow the student practical application of classroom instruction which affords them the opportunity to reach mastery level of the competencies and proficiencies within athletic training.

ATP 4113. Senior Seminar in Athletic Training. This course concentrates on professional development and responsibilities within Athletic Training. The student will fine tune their current medical resume, become familiar with advanced employment search skills, networking, and complete a job interview with a perspective internship site. By applying the concepts of research methods and design the students will begin a senior research or case study project that will culminate into a product worthy of a poster presentation or submission for publication. The students will create cohort groups and examine study tactics in preparation for the national certification exam. Furthermore, the student will take mock exams through the use of various computer programs. An emphasis will be placed on discussion and understanding of job opportunities and changes in the field of athletic training and medical coverage.

ATP 4123. (WI) Organization and Administration of Athletic Training. This course acquaints the student with organization and administration techniques needed to design and run a sound athletic training facility and/or program. The student will gain understanding toward areas of documentation, medical, state and federal laws and insurance coverage. Further study will include advanced interpersonal skills of communication between athletic trainers and other medical professionals, as well as coaches, parents, teachers and athletes.

ATP 4142. Rehabilitation Internship. The ATP internship classes allow the student an opportunity to gain valuable clinical experiences in the professional settings while working closely with a wide range of allied health professionals. This internship site placement will be at a traditional rehabilitation/physical therapy setting.

ATP 4152. Medical Internship. The ATP internship classes allow the student

an opportunity to gain valuable clinical experiences in the professional settings while working closely with a wide range of allied health professionals. This internship site placement will be at a traditional medical clinic or hospital setting.

ATP 4226. Athletic Training Field Experience I. The internship consists of supervised experience within an athletic training specialty area of a functioning clinical or traditional setting. This course is to be taken simultaneously with ATP 4236 during the final spring semester of the senior year or consecutively during the final summer sessions of the senior experience. (Open to ATP majors, seniors only.)

ATP 4236. Athletic Training Field Experience II. The internship consists of supervised experience within an athletic training specialty area of a functioning clinical or traditional setting. This course is to be taken simultaneously with ATP 4226 during the final spring semester of the senior year or consecutively during the final summer sessions of the senior experience. (Open to ATP majors, seniors only.)

ATP 4262. Athletic Training Practicum V. Athletic training practicum courses are designed to allow the student practical application and evaluation of clinical proficiencies in both laboratory and clinical settings. The course will review and re-evaluate clinical proficiencies that were introduced the previous semester. The student will be required to log a minimum of 150 contact hours during which they will practice the related proficiencies.

HPE 1350. Orientation to Physical Ed., Wellness and Leisure. This course is required of all declared Physical Education, Leisure and Wellness majors. It provides an orientation to the physical education and health curriculum as it affects the students' licensure requirements. The students are assisted in meeting necessary deadlines for registration for Praxis Testing, Teacher Education Program applications and opportunities for becoming involved in professional organization memberships and volunteering opportunities. A variety of topics will be presented to acquaint the student with the field of physical education and health. Co-Requisite: HPE 2083.

HPE 2083. Health and Physical Education Principles. This is a freshman/sophomore level class designed as a general overview in the discipline of physical education for major/minor certification or state certification. Co-Requisite: HPE 1350.

HPE 2301. Methods of Racquet Sports. This course is designed to introduce the student to the theory and practice of a variety of individual sports – specifically the racquet sports of tennis, badminton and table tennis – and to prepare the student to be able to teach these sports across grade levels.

HPE 2311. Methods of Leisure Sports. This course is designed to introduce the student to the theory and practice of a variety of individual sports – specifically the sports of golf and bowling – and to prepare the student to be able to teach these sports across grade levels K-12.

HPE 2321. Methods of Social Dance. This course is designed to introduce the student to the theory and practice of a variety of social dances – including folk, square, line, ballroom, & multi-cultural dances – and to prepare the student to be able to teach these dances across grade levels K-12.

HPE 2331. Methods of Recreational Activities. This course is designed to introduce the student to the theory and practice of a variety of recreational activities – including walking, running, cycling, hiking, fishing, canoeing/kayaking, archery, etc. – and to prepare the student to be able to teach these sports across grade levels K-12.

HPE 2411. Methods of Conditioning Activities. This course is designed to introduce the student to the theory and practice of a variety of conditioning activities – various types of aerobic exercise and flexibility programs specifically – and to prepare the student to be able to teach these activities across grade levels K-12. Co-Requisite: HPE 3093.

HPE 2421. Methods of Aquatic Activities. This course is designed to introduce the student to the theory and practice of a variety of aquatic activities – various types of aquatics, aerobic and exercise programs specifically – and to prepare the student to be able to teach these activities across grade levels K-12.

HPE 2431. Methods of Practical Application of Conditioning Activities. This course will implement the study of health related components of physical fitness; cardiorespiratory endurance, muscular endurance, flexibility and body composition. The intent of this course is to apply laboratory and field testing for assessing physical fitness assessments, including test of cardiorespiratory fitness, muscular strength and endurance, joint flexibility and body composition. The use and maintenance of fitness equipment is also addressed. Co-Requisite: HPE 4273.

HPE 2641. Methods of Team Sports I. This course is designed to introduce the student to the theory and practice of a variety of team sports – softball & volleyball specifically – and to prepare the student to be able to teach these sports across grade levels K-12.

HPE 2651. Methods of Team Sports II. This course is designed to introduce the student to the theory and practice of a variety of team sports – soccer & basketball specifically – and to prepare the student to be able to teach these sports across grade levels K-12.

HPE 2663. Motor Development & Skill Acquisition. This course is a systematic study of motor development from birth through adulthood with special emphasis upon the conditions for effective motor learning.

HPE 2671. Methods of Team Sports III. This course is designed to introduce the student to the theory and practice of a variety of team sports – football (flag), kickball and indoor multicultural team games specifically – and to prepare the student to be able to teach these sports/team games across grade levels K-12.

HPE 2732. Methods of Rhythmic Games, Gymnastics, and Playground Activities. This class is an activity class to give prospective elementary teachers a broad range of developmentally appropriate activities for the different developmental skill levels of elementary age children.

HPE 2743. Anatomy for Health and Physical Education. A study of the human body's structure as it applies to physical education. Prerequisite: three hours of biological science.

HPE 2872. Theory of Coaching. This course is designed to introduce the student to the major physical, psychological, sociological and educational theories and concepts affecting the act of coaching K-12. The information presented in the coverage of this course shall provide the student with the essential knowledge and frame-works that are necessary to the practicing coach.

HPE 3093. Kinesiology. This course is a review of the human skeletal, muscular and nervous systems, an introduction to basic biomechanical principles and the application of this knowledge to the teaching and coaching of sports and physical education activities. Prerequisite: HPE 2743, Anatomy for Physical Education. Co-Requisite: HPE 2411.

HPE 3102. Psychology and Ethics of Sports. This course is designed to introduce the student to the fundamental psychological and philosophical knowledge and theory involved in the profession of coaching for grades K-12. The course will center on the application of such knowledge to the profession of coaching with emphasis upon the unique demands presented while working within athletics.

HPE 3293. Measurement and Evaluation for Health and Physical Education. The study of tests and measurements that the physical educator may wish to utilize in evaluating physical fitness, sports skills, knowledge of and attitudes about physical activities and sports. Basic elementary statistics are presented so the student may construct tests, norms and evaluate tests now in use. Student must be admitted to the Teacher Education Program prior to enrolling in this course.

HPE 3502. Health and Fitness for Children. A study of the characteristics of the elementary school child with implications for physical education: program content, teaching techniques, and materials.

HPE 4072. Adapted Physical Education. This is an introductory course in the field of Adapted Physical Education that provides an understanding of the nature, behavioral characteristics and motor limitations of various disabilities and basic skills necessary to prepare meaningful individualized movement experiences of individuals with special needs functioning in an integrated, segregated, community or home environment.

HPE 4113. Practicum for Teaching School Health Education. This course supports the components of the Teachers' College Henderson Conceptual Framework. It is designed to help student teachers enhance their skills and knowledge for the analysis and implementation of effective teaching methods within the student-teaching experience. Students will also facilitate the transition from student teacher to professional by encouraging participation in professional activities (i.e. professional conferences, in-service meetings, etc.). Course requirements such as mock interviews and the development of professional portfolios, will prepare students to pursue employment. This required course meets one or more of the standards for accreditation (CAPE) and program approval as stated on the course syllabus. Students successfully completing this course will be prepared to meet the competencies associated with the licensure standards addressed in this course.

HPE 4143. (WI) Management & Leadership. This course addresses recent techniques in organization and administration of programs in health, physical education, recreation, and coaching, including but not limited to marketing, finance, public relations, budgeting, philosophy, facility construction/utilization and sports law. This course is geared toward people of different populations in today's leisure

oriented society. Prerequisite: a student should have 60-plus hours.

HPE 4151. Practicum Coaching Track & Field. A course designed to teach the student the principles and theory along with modern coaching methods of track and field, as well as a study of the basic strategies, conditioning and rules for grades K-12. Strategic and effective patterns to cover various situations of track and field will also be taught.

HPE 4161. Practicum of Coaching – Softball. This course teaches fundamentals of individual and team play, offense and defense, strategy and conditioning for softball for grades K-12.

HPE 4183. (WI) Methods of Teaching Healthy Decisions I: Nutrition, Drugs, and Disease. Course content will cover methods and materials of teaching health education –in accordance with the ten content areas of health, six adolescent risk behaviors (Centers for Disease Control) and the eight National Health Education Standards for grades K-12.

HPE 4193. (WI) Methods of Teaching Healthy Decisions II: Family, Relationships, and Human Sexuality. Course content will cover methods and materials of teaching health education in accordance with the ten content areas of health, six adolescent risk behaviors (Centers for Disease Control) and the eight National Health Education Standards for grades K-12.

HPE 4273. Exercise Physiology for Health and Physical Education. A study of the current literature and research into the human body's function as it responds to physical activity. Special laboratory sessions, which are not formally scheduled, will be required. The laboratory experiences are related to lecture materials as various teaching aids, equipment and apparatuses are utilized. These experiences will enable the student to perceive, with greater interest and understanding, practical knowledge and its application to the human mechanism, its structure, functions and physiological mechanical functions. Prerequisite: HPE 3753. Co-Requisite: HPE 2431.

HPE 4603. (WI) Special Methods: Health and Physical Education. This course is designed to prepare the student with the knowledge, techniques and materials necessary to competently enter their internship semester teaching Health and Physical Education in the public schools of Arkansas for grades K-12. This course shall also help the student to prepare for passage on the professional testing and assessments required for Arkansas Teacher Licensure.

HPE 4801. Practicum of Coaching - Swimming. This course is designed to teach the potential swimming coach in all aspects of age group, high school, and collegiate competitive swimming. Mechanics, rules and technique for the four competitive strokes, specificity of training for each season segment, as well as “safety training” are included for grades K-12. Budgeting for swim teams is also covered in the course.

HPE 4811. Practicum of Coaching - Football. This course teaches fundamentals of individual and team play, offense and defense, strategy and conditioning for football for grades K-12.

HPE 4821. Practicum of Coaching □ Volleyball. This course teaches fundamental skill techniques in volleyball coaching, covering the offensive and defen-

sive play strategies for grades K-12.

HPE 4831. Practicum of Coaching □ Basketball. This course teaches fundamentals of individual and team play, offense and defense, strategy and conditioning for basketball for grades K-12.

HPE 4841. Practicum of Coaching □ Baseball. This course teaches fundamentals of individual and team play, offense and defense, strategy and conditioning for baseball for grades K-12.

HPR 1011. Life Fitness Concepts. This course is designed for all general college students. Content deals with development of a healthy lifestyle through physical, psychological, and social concept formation through lecture and laboratory experiences. Class meets two days per week.

HPR 1201. Pilates. This class is a system of exercises using a special apparatus designed to improve physical strength, flexibility, posture, and enhance mental awareness.

HPR 1281. Stability Ball. This class develops core strength, flexibility and balance. Students will learn to safely and effectively execute strengthening exercises for all the major muscle groups with and without hand weights, flexibility exercises and balancing exercises.

HPR 1301. Walk, Jog, Run for Fitness. The purpose of this course is to develop basic knowledge about aerobic fitness by participating in vigorous activity designed to improve muscle tone and the cardiovascular system through a planned program of fitness walking and/or jogging.

HPR 1311. Zumba for Fitness. This course is a fitness program that combines Latin and international music with dance moves. Zumba routines incorporate interval training by alternating fast and slow rhythms and resistance training.

HPR 1331. Weight Training. This course will increase the student's muscular strength, cardio-respiratory endurance, flexibility, body composition and muscular endurance. Through the use of weight training, students will develop agility, balance, a better self-image, goal setting techniques and obtain nutritional information for developing a healthy lifestyle.

HPR 1341. Wii Sports Fitness. This course is designed for the students to learn to develop exercise programs utilizing technology such as gaming consoles and online tools. The students will obtain knowledge of the health implications of physical activity, physical fitness and nutrition. The students will also become familiar with a variety of exercise programs to improve their current level of physical fitness.

HPR 1351. Aquatic Zumba. This class is a fitness program that combines Latin and international music with dance moves. Zumba routines incorporate interval training, alternating fast and slow rhythms and resistance training. This course is integrated in a water-based workout.

HPR 1451. Dance for Fitness. This class is a choreographed fitness class with music incorporating cardio, strength and stretch moves for a total body workout. The moves are taken from hip-hop, yoga, Pilates, kickboxing, modern dance and

resistance training.

HPR 1461. Advanced Yoga. This class is a continuation of Yoga. This class is designed for the student who has been introduced to the learning of correct positions of yoga postures and will advance to learning more aspects of the study of Yoga. Prerequisite: HPR 1851.

HPR 1471. Beginning Swimming. This course is designed to help the swimmer challenged in becoming comfortable and somewhat proficient in his/her swimming ability. For those who may already be comfortable and proficient, an attempt will be made to help them improve their skills as well as improving his/her cardiovascular fitness.

HPR 1481. Intermediate Swimming. This course is designed for the student who is somewhat proficient as a swimmer but would like to improve his/her skills to the point where he/she would be ready for Water Safety Instruction.

HPR 1521. Racquetball. This course is an introduction to the lifetime activity of racquetball. This class will prepare the student in the rules of racquetball, basic skills, strategies in singles, threes, and doubles play and the fundamental mental aspects of the game. Emphasis will be placed on player safety and a general enjoyment of the game of racquetball.

HPR 1531. Conditioning. This course is designed to prepare the adult for life fitness and to gain knowledge in the wellness approach to life styles.

HPR 1551. Tae Kwon Do (Beginning). The purpose of this course is to give each student a brief history of martial arts and a basic understanding of the arts and to introduce the basic physical fundamentals of martial arts.

HPR 1601. Recreational Flag Football. This course introduces the fundamentals and rules of flag football. Emphasis is placed on skill development, knowledge of the rules and basic game strategy. Upon completion, students should be able to participate in recreational flag football.

HPR 1691. Recreational Basketball. This course introduces the fundamentals and rules of basketball. Emphasis is placed on skill development, knowledge of the rules and basic game strategy. Upon completion, students should be able to participate in recreational basketball.

HPR 1851. Yoga. This class is focused on health and wellness: physically, mentally, emotionally, socially and spiritually. Students will learn and practice correct positions of yoga postures and understand the specific benefits and practice correct yogic breathing and deep relaxation.

HPR 1981. Advanced Pilates. This class will be presented as an advanced technique of mat Pilates. The basic exercises will be taught, first in modified form, advancing to beginner and intermediate as the class progresses in ability. Pilates is a technique of strengthening and stretching that focuses on the core (abdominals, lower back, and gluteus) as well as focusing on the mind/body connection.

HPR 2022. Sports Officiating. Fundamentals of officiating with special emphasis on football, track, basketball, softball and baseball. Students will be required to have practical application of basic officiating skills in certain sports and activi-

ties by being assigned practicum hours in officiating events at various levels of activities and competitive sports. Also, the students will be assigned certain activities and sporting events to observe and critique the officiating.

HPR 2053. Water Safety Instructor. The purpose of this course is to train instructor-candidates to teach American Red Cross Swimming and Water Safety Courses. Prerequisite: Be at least 17 years old and successfully pass a pre-course written and skills test.

HPR 2173. Lifeguard Training & Waterfront Lifeguarding. The primary purpose of this course is to provide lifeguarding candidates and lifeguards with the skills and knowledge necessary to keep patrons of aquatic facilities safe in and around the water. This course includes certification of CPR for the professional rescuer. Also a waterfront-lifeguarding module is included in the course. This covers swimming areas such as rivers, lakes, reservoirs, streams, etc. Prerequisite: Tread water for two minutes using legs only. Swim 500 yards continuously using at least 100 yards of front crawl, breaststroke and sidestroke. Submerge to a depth of seven feet and retrieve a 10 pound diving brick.

HPR 2551. Tae Kwon Do (Intermediate). This course is intended to enhance skills previously learned in HPR 1551 Tae Kwon Do Beginning and apply those skills through sparring and self-defense. Pre-requisite: HPR 1551.

HPR 2611. Tennis. This course is a study of the basic skills in tennis, of the rules of playing, to give opportunity to play and enjoy the game, to develop acceptable etiquette while playing and to give the student an opportunity to learn teaching techniques for various levels and abilities.

HPR 2621. Golf. This course is designed to help the beginning golfer gain a better understanding of the game. Special emphasis will be placed on learning the basic golfing skills and techniques and the use and improvement of these skills and techniques through active participation.

HPR 2941. Aerobics. This course incorporates the health-related fitness components of muscular strength, muscular endurance and cardiovascular endurance in an enjoyable fitness program. Main course objective is having fun and relieving stress while improving our physical fitness abilities.

HPR 2951. Aquatic Aerobics. This course incorporates the health-related fitness components of muscular strength, muscular endurance and cardio vascular endurance in an enjoyable fitness program in the water. Main course objective is having fun and relieving stress while improving our physical fitness abilities.

HPR 3551. Tae Kwon Do (Advanced). This course is intended to enhance skills previously learned in HPR 1551 Tae Kwon Do Beginning and HPR 2551 Tae Kwon Do Intermediate and apply those skills through sparring and self-defense. In addition, students will begin working in an assistant instructor role in preparation for the teaching requirements of the black belt. Pre-requisites: HPR 1551 and HPR 2551.

HPR 3973. History and Philosophy of Nonwestern Leisure, Culture, Wellness & Sport. A survey of various non-western cultures with emphasis upon how the values of these cultures are expressed and reflected in their individual games, sports, recreational & leisure activities as well as their societal approach to ensure

individual health and wellness.

HPR 4731, 4732, 4733. Independent Studies. An in-depth study of a specific problem(s) in health, physical education and athletic training. Permission of instructor & Department Chair is required.

REC 1131. Canoeing & Kayaking. This course is designed to introduce the student to the knowledge and skills needed to safely enjoy canoeing for recreation, relaxation, lifetime physical fitness or work. This class includes basic skills including forward paddling, draw and sculling strokes, high and low bracing, eddy turns, deep water rescue techniques and river and lake safety.

REC 2003. Introduction to Recreation and Sport. This course is an introduction to the field of recreation with class lecture and discussion on the historical, philosophical and theoretical aspects of leisure, recreation and play, as well as an overview of the recreation profession and its impact on society.

REC 2213. Introduction to Outdoor Recreation and Natural Resources. This course is an examination of the history, use and management practices of natural resources for outdoor recreation, with the consideration of multiple use, environmental ethics, risk management and other current issues. Students will develop a basic understanding of outdoor recreation activities and an appreciation of the natural environment.

REC 2223. Leadership Techniques in Recreation and Sport. This course develops knowledge related to leadership theory, principles, group dynamics and face-to-face leadership techniques. Students gain an understanding of effective leadership theories and techniques as they are applied in a field setting.

REC 3023. Program Planning and Practicum. This course is designed to facilitate programming concepts of recreation. Topics include needs identification assessment, program formats, program development and delivering leisure programs in conjunction with practical experiences of local recreation and leisure agencies.

REC 3033. Recreation and Sport Facility Design, Maintenance, & Management. Planning concepts, design principles and maintenance techniques in recreation are emphasized. Also, technical design concepts and firsthand experiences in maintenance of facilities are included. Sport and recreation facility management strategies will be integrated into course content.

REC 3143. Travel and Tourism. This required course will take a cross-disciplinary approach to examine the many facets of tourism. The social sciences perspective provides students with the kind of practical knowledge that can effectively be applied to the hospitality industry. The course also provides advanced information that can serve as a bridge to further analyze this study.

REC 3173. Wilderness Policy and Management. The purpose of this course is to provide students with an opportunity to better understand the origin and implications of policies and legislation related to the management of wilderness areas. The course will provide outdoor recreation students with the managerial skills necessary to oversee a wide variety of wilderness management situations.

REC 3253. Inclusive Recreation and Sport. This course will introduce inclusive recreation and other dimensions of diversity relevant to the profession of lei-

sure, youth and human services. This course will explore inclusive recreation practice in various leisure settings such as community recreation, nonprofit recreation, youth and human services, parks, private/commercial recreation facilities, outdoor recreation, therapeutic recreation and tourism agencies.

REC 3263. Commercial Recreation and Sport. This course focuses on the establishment, organization, management and marketing of various commercial recreation services. Areas to be addressed include: travel and tourism, entertainment services, leisure services in the outdoor environment, hospitality and retail outlets.

REC 3273. Marketing and Fundraising in Recreation and Sport. This course will examine the complex and diverse nature of recreation and sports marketing from a strategic marketing perspective. Specific emphasis will be placed on the contingency framework for strategic recreation and sports marketing with attention to market selection, marketing mix decisions, and the implementation and control of the strategic marketing process. Additionally, this course will examine marketing, through sports, using as a platform for developing strategies and tactics for fundraising and the ability to sell non-sports products.

REC 4053. Evaluation and Research in Recreation and Sport. This course is a study of evaluation and research tools for assessing community recreation programs, and provides practical experience in the use of these instruments and techniques. This class should be taken senior year and is open to recreation majors only.

REC 4066. Field Experience I. This course is a supervised leadership experience in a functioning recreation program. This class should be taken senior year and is open to recreation majors only. Pre-requisites: REC 4153 and REC 4230.

REC 4076. Field Experience II. This course is a supervised leadership experience in a functioning recreation program. This class should be taken senior year and is open to recreation majors only. Pre-requisites: REC 4153 and REC 4230.

REC 4083. (WI) Organization and Administration of Recreation. This course is an overview of organizational patterns, policies and administrative processes and problems which confront those in executive positions. (Open to recreation majors only.)

REC 4153. Practicum in Recreation and Sport. This course provides practical experiences leading to understanding and appreciation for the work and function of various agencies offering recreation services in the community. It will also provide experience working with and/or observing various recreation agencies. Course should be taken semester prior to internship.

REC 4183. Outdoor Adventure Leadership. The purpose of this course is to introduce leadership styles and traits. The course builds on previously gained recreational knowledge and is designed to help equip recreational professionals with the fundamental knowledge, beliefs and skills related to outdoor leadership.

REC 4193. Special Events. This course will focus on activities produced by a group. These are activities not normally included in the organization and administration of the daily program. Activities in this category include exhibitions, shows, demonstrations, festivals, sports gatherings, celebrations, bazaars and pag-

eants.

REC 4203. Corporate Wellness. The course will focus on the administrative patterns, financing, programming, staffing and legal concerns in program design for employee motivation and productivity.

REC 4230. Internship in Recreation and Leisure. This course is designed to help student enhance the skills and knowledge necessary for an effective student intern experience. It will also facilitate the transition from student intern to professional by encouraging participation in professional activities (e.g. self-assessments, searching for intern opportunities, cover letter development, resume development, interview skills, etc.). Course requirements, such as the student assessment projects and the development of professional portfolios, will prepare students to pursue internship and employment.

REC 4283. Legal Issues and Risk Management in Recreation and Sport. The course addresses the legal aspects of sport, recreation and leisure services, with a focus on liability, human rights and risk management. Legal concepts of negligence, principals of risk management will be covered. Legal Issues and Risk Management related to use of equipment, facility management, and accommodation for special populations will be addressed.

FAMILY AND CONSUMER SCIENCES

Dr. Patti Miley, Chair; Ms. Horn, Dr. Phelps, Ms. Whelchel, Didactic Program in Dietetics, Director

Family and Consumer Sciences empowers students to become professionals who will enable individuals and families to manage the challenges of living and working. We seek to prepare individuals for family and community life and careers by providing opportunities to develop knowledge, skills, attitudes, and behaviors. This is accomplished in an environment that is rich in academic exposure and practical application of theories related to the disciplines within the field of FCS. Our focus is innovative and technologically sound instruction and service. Our unique challenges include the following:

- To provide an educational environment where teaching and preparation of students is accomplished through innovative classroom experiences, laboratories, practicums, and internships.
- To positively affect student attitudes toward quality work, self-discipline, ethical behavior, and team work.

To model effective performance from the various specializations of FCS.

The objectives of the Department of Family and Consumer Sciences are to train teachers for effective work in the family and consumer sciences (occupational and homemaking) programs of the public schools of Arkansas; to provide subject matter for those who desire to work in occupational areas such as business, child care, dietetics, fashion merchandising, and foods and nutrition where family and consumer sciences training is essential or valuable and for those who want to elect courses for personal interest.

Bachelor of Science Degree

Core Requirements:		Hours
FCS 1013	Textiles/Clothing	3
* FCS 1023	Foods.....	3
* FCS 1081	Family and Consumer Sciences Seminar	1
FCS 2043	Clothing Construction	3
	or	
FCS 3093	Apparel Quality Analysis	3
* FCS 2053	Meal Management.....	3
* FCS 2103	Nutrition.....	3
FCS 3123	Home Furnishings	3
* FCS 3153	Family Relations	3
FCS 4193	Family Housing Problems.....	3
* FCS 4183	Family Resource Management	3
	or	
* FCS 4203	Consumer Education	3
* FCS 4374	Child Development	4

*Core requirements for specialization in dietetics

Directed family and consumer sciences electives - Minimum - 15 Hours

Additional Core Requirements – Education		Hours
FCS 2043	Clothing Construction	3
FCS 2063	Parenting	3
FCS 4183	Family Resource Management.....	3
FCS 4363	Professional Image Development.....	3

A student receiving the bachelor of science degree with an education specialization in family and consumer sciences will have completed an approved program which enables one to teach family and consumer sciences in Arkansas public schools and is qualified to work in business and other occupations requiring family and consumer sciences knowledge and skills.

General Education Requirements:

To meet department requirements, the following general education courses should be selected: Introduction to Biology, General Chemistry, Western Civilization, American National Government or U. S. History. Math for the Liberal Arts may be taken in all specializations with the exception of dietetics, where college algebra is required. Oral Communication should be taken to meet the general education, dietetics, and teacher certification/licensure requirements.

Additional family and consumer sciences requirements for various specializations are: ART 2603, BIO 2184, BIO 3094, CHM 1044, PSY 1013.

Specialization Requirements:

Students pursuing a Bachelor of Science degree in Family and Consumer Sciences may choose to develop a specialization in one of the five program areas: child care management, dietetics, education, fashion merchandising, or foods and nutrition.

Child Care Management:

FCS 2063	Parenting	3
FCS 3243-6	Child Care Practicum	3-6
FCS 3323	Organization and Administration of Pre-School Programs.....	3
FCS 4221-6	Directed Field Experience.....	1-6
FCS 4363	Professional Image Development.....	3
EDE 3122	Creative Arts in Early Childhood Education.....	2

Dietetics:

The four-year program leading to the bachelor of science degree in family and consumer sciences with a specialization in dietetics is designed to: (1) instill core competences in medical nutrition therapy, food service management, and the science of dietetics in coalition with liberal arts and professional studies; (2) provide expertise for success in an Accreditation Council for Education in Nutrition and Dietetics (ACEND)-accredited dietetic internship program; (3) provide knowledge-based skills to promote students in advanced degree programs.

Students pursuing a specialization in dietetics will be admitted into the HSU Didactic Program upon completion of FCS 1023, FCS 1081, FCS 2053, and FCS 2103. A minimum cumulative GPA of 2.75 is required for acceptance into the HSU Didactic Program in Dietetics (DPD).

The DPD is currently granted initial accreditation status by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995 (phone: 800-877-1600).

Eligibility to take the Registration Exam of the Academy of Nutrition and Dietetics requires a B.S. degree plus completion of an ACEND-approved internship in dietetics.

FCS 3393	Food Economics	3
FCS 3403	Experimental Food Science.....	3
FCS 3413	Community and Life Cycle Nutrition	3
FCS 3423	Advanced Nutrition.....	3
FCS 4433	Nutrition Services Administration	3
FCS 4443	Medical Nutrition Therapy I	3
FCS 4453	Medical Nutrition Therapy II	3
FCS 4491	Medical Nutrition Therapy Clinical Practicum	1
FCS 4463	Senior Seminar in Dietetics.....	3
FCS 4854	Special Methods – FCS.....	4

Additional FCS requirements for dietetics are: ATP 2052, BIO 1013, BIO 2184, BIO 3094, CHM 1034, CHM 1044, CHM 3313, CSC 2003, MGM 3113, PSY 1013, PSY 4743, Statistics-choose one: GBU 3133, MTH 2323, PSY 2143, or SOC 3101. (MGM 3113 has been omitted from this list.)

A grade of "C" or better is required for all classes listed above. Students must have a minimum GPA of 3.0 in order to receive a verification statement upon completion of the program.

Education:

Education specialization students must pass all Principles of Learning and Teaching core courses as well as EDU 4854 Special Methods – FCS. In order to be admitted to the Teacher Education Program, students must first pass the appropriate Praxis exam. Prior to the Internship semester, students must also pass Praxis II – Content. For more details, refer to the Teacher Education Program section in this catalog.

Fashion Merchandising:

FCS 2313	Introduction to Fashion Merchandising	3
FCS 3343	Fashion Promotion and Merchandising.....	3
FCS 3353	History of Costume Through the 19th Century....	3
	or	
FCS 3483	History of Costume:19th Century to Present	3
FCS 4221-6	Directed Field Experience.....	1-6
FCS 4303	Quantitative Fashion Buying & Merchandising...	3
FCS 4363	Professional Image Development	3

Foods and Nutrition:

FCS 3393	Food Economics.....	3
	or	
FCS 4433	Nutrition Services Administration	3
FCS 3403	Experimental Food Science.....	3
FCS 3413	Community and Life Cycle Nutrition	3
FCS 4223	Directed Field Experience.....	3
FCS 4363	Professional Image Development.....	3

Bachelor of Science in Early Childhood Development

This degree is designed for candidates who have earned the **Arkansas Birth through Pre-Kindergarten Teaching Credential** and who wish to manage or work in child care facilities. This degree does not result in teacher licensure.

Procedures:

1. Completed Program of Study in an Associate of Applied Sciences (AAS) Early Childhood Development at an accredited two-year college.
2. Admission Guidelines:
 - a. Earned Department of Human Services Birth Through Pre-K Teaching Credential. Contact the Arkansas Department of Human Services (ADHS) for guidelines.
 - b. Passing score on NOCTI Early Childhood Care and Education advanced exam (information can be obtained at nocti.org).
 - c. 2.50 or better GPA
 - d. Passing Score on Admission Interview (including portfolio)
 - e. Criminal Background Check Clearance
3. Complete HSU Coursework for BS in Early Childhood Development (BSECD)
4. Exit Criteria:
 - a. Satisfactory Performance Portfolio Review

- b. 2.50 or better GPA
- c. Criminal Background Check Clearance
- d. Satisfactory Exit Interview
- e. Completion of all Family and Consumer Sciences Program and HSU Graduation Requirements

Minor Requirements for the Bachelor of Science degree

A minimum of 15 hours (excluding social sciences). Courses selected for minor must be in addition to general education and departmental requirements as stated in the Bachelor of Science plan. Selection of minor will be done with consent of department advisor. Selection of a minor in business administration is strongly recommended for those completing specializations in child care management, fashion merchandising, or foods and nutrition.

NOTE: A minor is not required in the dietetics or education specializations.

Family and Consumer Sciences Minor Requirements

A minimum of 18 hours with 15 hours coming from one of each of the five subject matter areas: Child Development and Family Relations, Clothing and Textiles, Consumer Education and Family Resource Management, Foods and Nutrition, and Housing and Home Furnishings. One additional three-hour, upper-level family and consumer sciences elective will also be required. Or, the student may choose to acquire these hours in one of the following areas of specialization: Child Care Management, Fashion Merchandising or Foods and Nutrition.

Minor in Child and Family Dynamics

The Department of Family and Consumer Sciences and the Department of Sociology jointly administer an interdisciplinary minor in Child and Family Dynamics. The following are the core courses required and elective options for this minor:

Common Core: (required courses - 12 hours)

FCS	2063	Parenting
FCS	3123	Family Relationships
		or
SOC	3033	Marriage and the Family
FCS	4374	Child Development
		or
SOC	4223	Childhood Socialization
HS	3023	Social Welfare Policy and Institutions

Elective Options: (Select two courses - 6 hours)

FCS	2103	Nutrition
FCS	4183	Family Resource Management
		or
FCS	4203	Consumer Education
FCS	4193	Family Housing Problems
SOC	3043	Sociology of Education
SOC	3313	Juvenile Delinquency
SOC	4503	Domestic Violence

Total Minor Requirement 18 hours.

Courses in Family and Consumer Sciences

FCS 1013. Textiles and Clothing. Introductory course in textiles. A study of construction and finishes of textiles as related to the selection, use, and care of fabrics for clothing and household articles.

FCS 1023. Foods. Study of all types of food and principles of food preparation.

FCS 1081. Family and Consumer Sciences Seminar. Introduction to the role of a family and consumer sciences professional in today's society. Discussion of professional opportunities, current issues and new directions in family and consumer sciences.

FCS 2043. Clothing Construction. Principles applied to the selection and construction of materials such as cottons, linens, and synthetics. A study of the design principles as they apply to apparel design for the individual figure type.

FCS 2053. Meal Management. Consideration is given to the problems involved in the purchasing of the food and the planning, preparing and serving of family meals. A study is made of table appointments, table service, and shortcuts for food preparation. Some time is given to foods for special occasions. The wise use of time, energy, and money is stressed in various problems. Demonstrations and use of small appliances and equipment related to meal preparation are included. Prerequisite: FCS 1023 or consent.

FCS 2063. Parenting. A study of the basic principles and skills for parenting effectiveness. The application of fundamental tasks and issues in child-rearing will be made to unique characteristics and developmental stages of children. Consideration will be given to problems unique to contemporary parents.

FCS 2071-3. Independent Study. A variable credit course designed to provide study and instruction for those pursuing a specialized interest. Seminars, workshops, institutes, readings, research, and reports will be utilized.

FCS 2103. Nutrition. Fundamental principles of human nutrition and their application in the selection of adequate diets. Study is made of some research. Prerequisite: CHM 1034,1044, or equivalent.

FCS 2221-6. Directed Field Experience. Supervised work experience for students to be arranged with local businesses, local or state agencies, or community organizations which work with children, families, or serve customers. May include selected activities originating in the Department of Family and Consumer Sciences. Prerequisite: 15 hours of family and consumer sciences or consent of instructor.

FCS 2313. Introduction to Fashion Merchandising. A study of fashion including influences on fashion, the economics of fashion, fashion movement, fashion prediction, centers and designers, and fashion promotion.

FCS 3093. Apparel Quality Analysis. A comprehensive study and analysis of fashion apparel with emphasis on ready to wear and accessories from both the retailer's and the consumer's viewpoint.

FCS 3123. Home Furnishing. An introductory course in basics of interior design.

The course is planned to give students a working knowledge of the basic design principles and the integration of these principles into living spaces and activities. Problems related to furniture refinishing and/or window treatments are included. Prerequisite: ART 2603 or equivalent.

FCS 3141. Dimensions of Professional Development. A survey course designed to introduce students to selected elements of career planning and effective personal presentation. Includes topics such as goal setting, skills assessment, job search techniques, and social workplace etiquette.

FCS 3153. Family Relations. Dynamics of interpersonal relationships among family members at each stage of the life cycle. Open to non-majors.

FCS 3163. Nutritional Needs of Young Children. A study of the nutritional requirements of young children. Emphasis will be placed on implementing nutrition in the preschool curriculum.

FCS 3243 and 3246. Child Care Practicum. One or two-semester supervised field training experience in the HSU Davis-Baker Preschool. Prerequisite: FCS majors only.

FCS 3253. New York Fashion Study Tour. A planned educational study tour of selected facets of the fashion industry and of New York as a fashion center.

FCS 3263. Decorative Arts. Study of currently popular crafts and needlework planned for those who wish to become proficient in executing basic techniques and skills, in handling a wide variety of materials, and in developing one's own designs. Emphasis will also be placed on history, background of crafts and on entrepreneurial aspects of crafts. Open to non-majors.

FCS 3323. Organization and Administration of Pre School Programs. Study of the organizational structure, management, curriculum development, licensing, equipment and facilities needed to operate preschool centers. Includes on-site preschool observations.

FCS3343. Fashion Promotion and Merchandising. An analysis of the function, principles, methods, and evaluation of various fashion promotion activities related to advertising, publicity, special events, visual merchandising, fashion shows, personal selling, and public relations. Techniques and strategies for promoting fashion merchandise to target markets will be discussed.

FCS 3353. (WI) Historic Costume through the 19th Century. A study of the development of costume from ancient Egypt to present. Emphasis will be on knowledge of fashion influences of past and present as a tool for making fashion predictions. This course meets the writing intensive requirements for FCS majors. Open to non-majors.

FCS 3383. Sports Nutrition. The fundamental principles of human nutrition and their application in the selection of adequate diets for athletes as well as non-athletes. Study is made of some research. Prerequisite: Introduction to Chemistry.

FCS 3393. Food Economics. Study and application of quantity food purchasing, production techniques, and storage to achieve cost effectiveness and maximum quality in the institutional and commercial settings. Emphasis on food safety and

sanitation. Includes 30 observation hours in an institutional foodservice facility. Prerequisite: FCS 1023.

FCS 3403. Experimental Food Science. Study of the chemical and physical properties of various foods and use in the food industry to affect product standards and enhance the modern food supply. Experimentation involving preparation, preservation, cooking methods, and food safety. Prerequisites: CHM 1034 and 1044; FCS 1023.

FCS 3413. Community and Life Cycle Nutrition. Study of nutritional needs and unique considerations throughout the life cycle. Survey of nutritional resources available in the community and food and nutrition policies affecting individuals in various stages of development. Prerequisite: FCS 2103.

FCS 3423. Advanced Nutrition. Advanced study of the nutrients and their relationship to the human body. Emphasis on the digestion, absorption, and metabolism of nutrients as well as interpretation of current research. Prerequisites: CHM 1034 and 1044; FCS 2103.

FCS 3472. Family and Community Relations. A study of family-system theory to prepare early childhood professionals who must establish and maintain positive and collaborative relationships. The study will also identify legislation, public policy, and resources in the larger community.

FCS 3483. History of Costume: 19th Century to Present. A study of the development of costume beginning with the 19th Century and continuing to the present. Aspects of social, economic, technological, cultural and inspirational environments are examined for their influence on the development of costumes. Costume innovators from Charles Worth to the present are studied. Open to non-majors.

FCS 4183. (WI) Family Resource Management. Intensive study of the management of family resources. Course emphasis includes values, goals, standards, human and non human resources, decision making. Emphasis is placed on application of management practices to the home, family, and special population groups such as the disabled and the elderly. This course meets the writing intensive requirements for FCS majors.

FCS 4193. Family Housing Problems. Study is made of historical architectural designs. Consideration is given to providing proper housing for the family. Consideration is given to home sites, cost factors, methods of financing, legal aspects, home planning, and remodeling. Open to non majors.

FCS 4203. (WI) Consumer Education. Important to the home in buying food, clothing, and household equipment. Special emphasis in standardization of merchandise for the consumer, brands, labeling, grading, and advertising. This course meets the writing intensive requirements for FCS majors. Open to non majors.

FCS 4221-6. Directed Field Experience. Supervised work experiences for fashion merchandising students to be arranged with local businesses that deal with fashion apparel. Also, field experiences to be arranged with local or state agencies, businesses or community organizations which work with children, families, or serve consumers. May include selected activities originating in the Department of Family and Consumer Sciences. Prerequisite: 15 hours of family and consumer

sciences or consent of instructor.

FCS 4303. Quantitative Fashion Buying and Merchandising. Analysis and application of the principles of effective merchandising of fashion goods as well as the responsibilities of buyers in this process. Includes techniques for profitable merchandise planning and control, markup, turnover, pricing, markdowns, and open-to-buy through numerical concepts and calculations. Prerequisite: FCS 3313, MTH 1033, MTH 1243 or consent of instructor.

FCS 4363. Professional Image Development. Development of an individual's professional image is studied and analyzed while concentrating on the following areas: one's professional interest in the world of work covering all aspects of the job search from goal assessment and information gathering through accepting/declining offers; the study and analysis of individual development and wardrobe planning; emphasis is also placed on social/workplace etiquette, public speaking and ethics at work. Open to non-majors.

FCS 4374. Child Development. Lecture and discussions on the growth and development of the child, prenatal through preschool. Special studies and observations are made of the child in the HSU Davis-Baker Preschool. Prerequisite: General Psychology.

FCS 4433. Nutrition Services Administration. Study and application of food service organization and management principles. Emphasis on facility, human resource, materials, and financial management. Prerequisite: MGM 3133.

FCS 4443. Medical Nutrition Therapy I. Study of the characteristics, symptoms, nutritional considerations, and diet therapy of various disease states. Prerequisite: FCS 3423.

FCS 4453. Medical Nutrition Therapy II. Study of medical nutrition therapy in various disease states. Emphasis on nutrition support and alternate feeding techniques. Includes practicum in a clinical healthcare facility. Prerequisites: FCS 3423, FCS 4443.

FCS 4463. (WI) Senior Seminar in Dietetics. Capstone course integrating research analysis, knowledge of statistics, and teaching methods. Emphasis on current literature in the field of dietetics and on marketing the dietetic profession. Prerequisites: Statistics and Senior status. This course meets the writing intensive requirements for FCS dietetics specialization majors.

FCS 4491. Medical Nutrition Therapy Clinical Practicum. Supervised clinical practice in medical nutrition therapy. This course must be taken with FCS 4453.

OFFICERS AND STAFF

2012-2014

BOARD OF TRUSTEES

Term Expires

Mr. Bruce T. Moore, Little Rock	2014
Mr. William Wright, Arkadelphia	2015
Ms. Carol Jo Atkinson, Hot Springs	2016
Mr. Ross Whipple, Arkadelphia	2017
Mr. Mike Myers, Conway	2018
Ms. Deborah Nolan, El Dorado	2019
Mr. Brown Hardman, Arkadelphia	2020

ADMINISTRATIVE

Lea Ann Alexander, 1988.....	Director of Henderson Seminar and Access Services Coordinator/Associate Librarian M.L.S., 1988, Indiana University
Clinton Atchley, 1999.....	Director of the MLA Program and Professor of English Ph.D., 1998, University of Washington
David Bateman	Director of Undergraduate Research and Assistant Professor of Chemistry Ph.D., 2009, University of Arkansas
Pamela Bax, 2006.....	Director of TRIO Programs Ed.D, 1999, Northern Illinois University
Cathy Bell, 1991	Assistant Controller B.S.B.A, 1986, Henderson State University
Paulette Blacknall, 2005	Director of Education Renewal Zone Partnership M.S.E., 1985, Henderson State University
Johnny Campbell, 1995	Chief of University Police
Nathan Campbell, 2008	Associate Dean of School of Business and Associate Professor of Management Ph.D., 2007, Mississippi State University
Deborah L. Collins, 2008	Director of University Health and Counseling Center M.S., 1998, Henderson State University
Julia Correia, 2000.....	Coordinator of the Center for Language Proficiency and Instructor of English as a Second Language M.S.E., 1999, University of Arkansas at Little Rock
Kris Dunn, 2006	Director of Campus Recreation M.S., 2007, Henderson State University
David Epperhart, 1998.....	Director of Computer & Communication Services M.S., 1986, University of Texas at Arlington
Chad Fielding, 1999	Assistant Vice President for Student Affairs M.S., 2000, Henderson State University
Lecia Franklin, 1988.....	Controller

B.S.B.A., 1983, Henderson State University

Tom Gattin, 1989..... Registrar
M.S.E., 1978, Arkansas State University

TaLisha Givan, 2011Director of Teacher Education Admissions/
Clinical Experiences
and Assistant Professor of Curriculum and Instruction
Ed.D., 2010, University of Arkansas at Little Rock

John G. Hall, 1963..... Special Assistant to the President
and Professor Emeritus of History
Ph.D., 1972, University of Mississippi

John Hardee, 1986Interim Dean, Ellis College of Arts and Sciences
and Distinguished Professor of Chemistry
Ph.D., 1979, Rice University

Vikita Bell Hardwick, 1994..... Director of University Relations and Admissions
B.A., 1988, Henderson State University

Judy Harrison, 2000..... Dean of Teachers College, Henderson
and Professor of Curriculum & Instruction
Ed.D., 1996, University of Memphis

Ernie Higgs, 2002Director of Garrison Activity & Conference Center
M.S., 2003, Henderson State University

Jennifer Holbrook, 1996 Director of Instructional Technology
and Multimedia Learning Center
M.B.A., 1997, Henderson State University

Dana Horn, 2008 Director of Davis-Baker Preschool and
Assistant Professor of Family and Consumer Sciences
M.Ed., 1985, University of Arkansas

Bobby G. Jones, 1989..... Vice President for Finance and Administration
M.B.A., 1995, Henderson State University

Glendell Jones, Jr., 2012..... President of the University
and Professor of Accounting
J.D., 1995, University of Arkansas School of Law

Tim Jones, 1992..... Director of Purchasing
B.B.A., 1992, Henderson State University

Vickie Jones, 2003..... Innkeeper, Captain Henderson House
B.S., 1999, Henderson State University

Elaine Kneebone, 2007 General Counsel
J.D., 2001, University of Arkansas

Pam Ligon, 1988 Associate Dean of Academic Services
M.S., 2002, Henderson State University

Dan Mabery, 2009 Assistant Vice President for Student Affairs
M.B.A., 2007, University of Mary

John Miller, 2000..... Director of Athletic Training Program
M.S.E., 1998, Henderson State University

Geraldean Morris, 2006 Director of Testing Center
M.B.A., 2006, Franklin University

Ginger Otwell, 1995 Research Associate, Institutional Research
B.B.A., 2005, Henderson State University

Brenda Ponsford, 2013 Dean of School of Business
and Professor of Marketing
Ph.D., 1993, Virginia Polytechnic Institute and State University

Betty Ramsey, 2004... Director of South Arkansas Mathematics and Science Center
M.S., 2002, Texas A & M University - Texarkana

Carrie Roberson, 2010..... Director of Institutional Advancement
B.A., 1995, Ouachita Baptist University

Lewis A. Shepherd, Jr., 2009..... Vice President for Student and External Affairs
Ed.D., 1997, University of Arkansas at Little Rock

Drew Smith, 2005..... Director of The Center for International Programs
Ph.D., 2004, University of Edinburgh

Sheryl Strother, 2002..... Assistant Director of the Community Education Center
and Coordinator for Community Outreach
B.S.E., 2008, Henderson State University

Celya D. Taylor, 2001 Associate Dean, Teachers College, Henderson,
Associate Professor and Chair,
Department of Curriculum and Instruction,
and Director of M.H. Russell Center for Economic Education
Ed.D., 2009, University of Louisiana at Monroe

Kathy Taylor, 2004..... Director of Human Resources
M.P.E.R., 1986, University of South Carolina

Kenneth Taylor, 2001 Dean of Graduate School
and Associate Professor of Curriculum & Instruction
Ed.D., 2008, University of Arkansas at Little Rock

Vicki B. Taylor, 2008 Director of Financial Aid
M.S.E., 1992, Henderson State University

Wrenette Tedder, 2003 Director of Assessment
M.B.A., 1999, University of Arkansas at Little Rock

David T. Thomson, 1975 Director of the Honors College
and Professor of English

Ph.D., 1976, University of Denver

Robert F. Yehl, 1985Director of the Library
and Associate Librarian

M.S.L.S., 1978, University of North Carolina

FACULTY

The date following each name indicates the year of first appointment.

Ajay Aggarwal, 2012..... Associate Professor of Management
Ph.D., 1991, Virginia Tech

Aneeq Ahmad, 2001 Professor and Chair, Department of Psychology
Ph.D., 1998, University of Wisconsin

Edward Akoto, 2012..... Assistant Professor of Management
Ph.D., 2011, Jackson State University

Lea Ann Alexander, 1988.....Access Services Coordinator/Associate Librarian
and Director of Henderson Seminar
M.L.S., 1988, Indiana University

Clinton Atchley, 1999..... Professor of English
and Director of the MLA Program
Ph.D., 1998, University of Washington

Shelley Austin, 2011 Assistant Professor of Nursing
M.N.Sc., 2009, University of Arkansas for Medical Sciences

Eric Bailey, 2004 Instructor of English
M.A., University of Central Arkansas

Peggy Bailey, 2001 Professor and Chair, Department of English,
Foreign Language, and Philosophy
Ph.D., 1997, University of Tennessee

Stephanie Barron, 2005 Associate Professor of English
Ph.D., 2002, Texas A & M, College Station

Carol A. Bass, 1995 Assistant Professor of English
M.A., 1974, George Peabody College

David Bateman, 2009 Associate Professor of Chemistry
and Director of Undergraduate Research
Ph.D., 2009, University of Arkansas

Jill Batson, 2002 Instructor of English and Business
M.S.E., 1995, Henderson State University

Claudia Beach, 1999.....Professor of Theatre Arts
Ph.D., 1986, Texas Tech University

Steven Becraft, 2001.....Professor of Music

D.M., 2005, Florida State University

Marck L. Beggs, 1997 Professor of English
Ph.D., 1991, University of Denver

Rafael Bejarano, 2004 Associate Professor of Psychology
Ph.D., 2001, University of Florida

Kristen Benjamin, 2003 Instructor of Biology
M.S., 2011, University of Arkansas at Little Rock

Brandie Benton, 2008 Associate Professor of Curriculum and Instruction
Ph.D., 2012, University of Arkansas

Don Benton, 2009 Assistant Professor of Educational Leadership
Ed.S., 2013, Henderson State University

Charles Blaylock, 2011 Associate Professor of Finance
Ph.D., 2003, Mississippi State University

Angela Boswell, 1997 Professor of History
and Associate Dean, Ellis College of Arts and Sciences
Ph.D., 1997, Rice University

Troy L. Bray, 2006 Associate Professor of Biology
Ph.D., 2006, University of New Hampshire

James Buckner, 1990 Professor and Chair, Department of Music
D.M., 1989, Northwestern University

Charmaine D. Caldwell, 2012 Assistant Professor of Counselor Education
Ph.D., 2007, Texas A & M University Commerce

Aaron Calvert, 2005 Associate Professor of Ceramics
M.F.A., 2003, Edinboro University of Pennsylvania

Martin J. Campbell, 2001 Professor of Chemistry
Ph.D., 1999, Texas Tech University

Nathan Campbell, 2008 Associate Professor of Management
and Associate Dean of School of Business
Ph.D., 2007, Mississippi State University

Steven Carter, 2001 Associate Professor of History
Ph.D., 2003, University of Arkansas

Victor V. Claar, 2009 Professor of Economics
Ph.D., 2000, West Virginia University

Shannon Clardy, 2008 Associate Professor of Physics
Ph.D., 2007, University of Arkansas at Little Rock

Rena K. Clark, 2003 Associate Professor of Business Information Systems
M.B.A., 2001, New Mexico State University

Julia Correia, 2000.....Instructor of English as a Second Language
 and Coordinator of the Center for Language Proficiency
 M.S.E., 1999, University of Arkansas at Little Rock

Debra Coventry, 1991-2005; 2008 Professor of Mathematics
 Ph.D., 1998, Oklahoma State University

Charity Dawson, 2008 Assistant Professor of Nursing
 M.N.Sc., 2010, University of Arkansas for Medical Sciences

Dennis DiMarzio, 1994 Professor of Business
 and Oren Harris Chair of Business Law
 J.D., 1976, Chicago-Kent College of Law

Ray Richard Dimond, 1984Professor of Music
 D.M., 1999, Indiana University

James Duke, 2002..... Instructor of Physics and Planetarium Manager
 M.L.A., 2010, Henderson State University

Randolph Duncan, II, 1987..... Professor of Communication
 Ph.D., 1990, Louisiana State University

Vincent Dunlap, 2010.....Associate Professor of Chemistry
 Ph.D., 2009, University at Buffalo, The State University of New York

Linda G. English, 2000 Professor of Counselor Education
 Ph.D., 1997, University of Arkansas at Fayetteville

James A. Engman, 1996Professor and Chair, Department of Biology
 and Kennedy Chair of Premedical Studies
 Ph.D., 1994, University of Cincinnati

Carolyn Eoff, 1995 Professor and Chair,
 Department of Mathematics and Computer Science
 Ph.D., 1988, University of Missouri-Columbia

David E. Etienne, 1971Professor of Music
 D.M.A., 1988, Louisiana State University

David Evans, 1999.....Professor of Music
 and Director of Bachelor of General Studies Program
 D.M., 1987, Indiana University

Linda Evans, 2005 Technical Services Coordinator/Associate Librarian
 M.L.I.S., 1999, University of North Carolina at Greensboro

Tommy Finley, 2008 Associate Professor of Biology
 Ph.D., 2007, University of Arkansas at Little Rock

Daniel Fitzroy, 2011Systems and Electronic Resources Librarian/
 Assistant Librarian
 M.L.S., 2010, Simmons College

Ryan Fox, 2011 Assistant Professor of Music/Director of Choral Activities
D.M.A., 2010, University of Kansas

Deborah Freyman, 2012 Assistant Professor of Nursing
M.S.N., 1985, University of New Mexico

Cynthia Fuller, 2011 Assistant Professor of Biology
Ph.D., 2004, University of Virginia

Emily Gerhold, 2012 Assistant Professor of Art History
Ph.D., 2012, Virginia Commonwealth University

Gregory Gibson, 2008 Assistant Professor of English
M.A., 2001, University of Dayton

Herman Gibson, III, 1995 Professor and Chair, Department of Sociology
Ph.D., 1979, Louisiana State University

Douglas Gilpin, 1988 Professor of Theatre Arts
M.F.A., 1988, Texas Tech University

TaLisha Givan, 2011 Assistant Professor of Curriculum and Instruction and
Director of Teacher Education Admissions/Clinical Experiences
Ed.D., 2010, University of Arkansas at Little Rock

Paul Glover, 2005 Associate Professor of Communication
M.A., 2005, Angelo State University

Matthew Gross, 2013 Assistant Professor of Political Science
PH.D., University of Tennessee, 2012.

John W. Graves, 1985 Professor of History
and Chair of Department of Social Sciences
Ph.D., 1978, University of Virginia

John Greene, 2005 Assistant Professor of Mathematics
M.S.E., 1999, Henderson State University

Waltraud Gudrian, 2008 Associate Professor of Foreign Languages
Ph.D., 2003, University of Montreal

Martin Halpern, 1990 Professor of History
Ph.D., 1982, University of Michigan

John R. Hardee, 1986 Distinguished Professor of Chemistry
and Dean, Ellis College of Arts and Sciences
Ph.D., 1979, Rice University

Jimmie Harper, 1988 Associate Professor of Computer Science
M.S., 1989, University of Oklahoma

Rhonda Harrington Assistant Professor of Early Childhood Education
Ed.D., 2010, University of Memphis

Wanda Harris, 1989 Counselor, Veterans Upward Bound Program/Instructor
M.S.E., 1993, Henderson State University

Judy Harrison, 2000 Professor of Curriculum & Instruction
and Dean of Teachers College, Henderson
Ed.D., 1996, University of Memphis

William G. Henshaw, 2000 Professor of Theatre Arts
M.F.A., 1996, San Diego State University

Megan Hickerson, 2007 Associate Professor of History
Ph.D., 2002, Syracuse University

William Higgins, 1999 Professor of Music
D.M.A., 1995, University of Oklahoma

Troy Hogue, 2003 Instructor and Director, Department of Aviation
M.C.A., 2004, Delta State University

Teresa Holsclaw, 2009 Instructor of Curriculum and Instruction
and Coordinator of the Master of Arts in Teaching Program
M.S.E., 1987, Ouachita Baptist University

Dana Horn, 2008 Assistant Professor of Family and Consumer Sciences
and Director of Davis-Baker Preschool
M.Ed., 1985, University of Arkansas

Edward F. Hudspeth, 2012 Assistant Professor of Counselor Education
Ph.D., 2009, University of Mississippi

Duane Jackson, 1999 Associate Professor of Mathematics
Ph.D., 1991, University of Arkansas

Lonnie Jackson, 2000 Assistant Professor of Management
M.B.A., 1997, Henderson State University

W. Martin James, 1988 Professor of Political Science
Ph.D., 1987, Catholic University

Glendell Jones, Jr., 2012 President of the University
and Professor of Accounting
J.D., 1995, University of Arkansas

Jana Jones, 2009 Assistant Professor of Communication
Ph.D., 2010, Texas Tech University

Hee-Kyung Juhn, 2007 Associate Professor of Applied Piano
and Director of Keyboard Activities
D.M., 2002, Indiana University

Michael Kelly, 1992 Associate Professor and Chair,
Department of Counselor Education
Ed.D., 1993, Idaho State University

Daniel Kendie, 1994 Professor of History
Ph.D., 1994, Michigan State University

Haroon Khan, 1990 Professor of Political Science
Ph.D., 1988, University of Kansas

Barbara Landrum, 2006 Associate Professor and Chair, Department of Nursing
Ph.D., 1999, Rush University

Travis Langley, 1994 Professor of Psychology
Ph.D., 1993, Tulane University

Catherine S. Leach, 1984 Associate Professor of Computer Science
M.S., 1979, Arkansas State University

May W. Tsao-Lim, 2008 Associate Professor of Piano
D.M.A., 2006, University of Oklahoma

Jamie Lipton, 2010 Assistant Professor of Music
D.M.A., 2010, University of North Texas

Michael Lloyd, 1993 Professor of Mathematics
Ph.D., 1993, Kansas State University

John Long, 1990 Professor and Chair, Department of Chemistry
Ph.D., 1989, University of Pittsburgh

Patricia Loy, 2008 Assistant Professor of Nursing
M.S.N., 2007, Walden University

Lisa Massey, 2011 Instructor of Accounting
M.B.A., 2011, Henderson State University

Beth Ann Maxfield, 2007 Assistant Professor of English
Ph.D., 1998, University of Louisiana at Lafayette

Carolyn McClure, 2008 Assistant Professor of Special Education
M.S.E., 2001, Henderson State University

Rick McDaniel, 1998 Professor and Chair, Department of Physics
Ph.D., 1998, Clemson University

Lonnie McDonald, 1990 Professor of Curriculum & Instruction
Ed.D., 1991, University of Arkansas

Wayne D. McGinnis, 1975 Professor of English
Ph.D., 1974, University of Arkansas

Vernon G. Miles, 2008 Professor of English
Ph.D., 1990, University of Arkansas

Patti K. Miley, 1983 Professor and Chair,
Department of Family and Consumer Sciences

Ph.D., 2001, Texas Woman's University

Basil Miller, 2000 Professor of Physics
Ph.D., 2009, University of Arkansas at Little Rock

John Miller, 2000..... Instructor and Director of Athletic Training Program
M.S.E., 1998, Henderson State University

Michael Miller, 2000 Professor and Chair,
Department of Communication and Theatre Arts
Ph.D., 1978, University of Florida

Richard Miller, 1993..... Assistant Professor of Aviation
M.A.S., 2001, Embry-Riddle Aeronautical University

Lee Mitchell, 1994.....Instructor of Foreign Languages
M.A., 1994, Indiana University

KyoungHwa Molinari, 2009..... Staff Accompanist and Instructor of Music
M.M., 2006, University of Arizona

Larry J. Monette, 2003 Associate Professor of Political Science
Ph.D., 1997, Penn State University

Ronnie Monroe, 2011 Associate Professor of Curriculum and Instruction
Ed.D., 1996, University of Montana

Holly Morado, 2007Instructor of Mathematics
M.A., 2006, University of Central Arkansas

Jonathan Moss, 2005 Instructor of Aviation
M.A., 2004, University of Arkansas at Little Rock

Rochelle Moss, 2008 Associate Professor of Counselor Education
Ph.D., 2003, University of Arkansas

Lloyd Moyo, 2012 Associate Professor of Mathematics
Ph.D., 2006, New Mexico State University

Janice O'Donnell, 1989 Assistant Professor of Chemistry
M.S., 2000, University of Arkansas at Little Rock

Connie Phelps, 2009 Assistant Professor of Family and Consumer Sciences
Ph.D., 2005, Louisiana State University

John Ragni, 1988 Access Services Coordinator/Associate Librarian
M.L.S., 1976, University of Oregon

Malcolm Rigsby, 2011 Assistant Professor of Sociology
J.D., 1989, St. Mary's University

Matthew Schoultz, 2012 Instructor of Computer Science
M.B.A., 2003, Henderson State University

Ingo Schranz, 2004 Associate Professor of Chemistry

Ph.D., 2003, University of North Dakota

Phillip Schroeder, 2001Professor of Music
Ph.D., 1987, Kent State University

Brett Serviss, 2001 Professor of Biology
Ph.D., 2001, Mississippi State University

Shanta Sharma, 1989 Professor of Sociology
Ph.D., 1977, Wayne State University

Stuart Shaw, 1990 Professor of Geography
Ph.D., 1988, Ohio State University

Joyce Shepherd, 1999Professor of Sociology and Human Services
Ph.D., 2008, University of Louisiana at Monroe

James A. Shuff, 1969 Professor of Curriculum & Instruction
Ph.D., 1976, Kent State University

Pamela Shurett, 2006 Assistant Professor of Nursing
Ph.D., 2011, Westbrook University

Christine Smart, 2005Instructor of English as a Second Language
M.L.A., 2000, Henderson State University

Anna G. Smith, 2003 Assistant Professor of Biology
M.S.E., 1993, Henderson State University

Lynette Smith, 2004 Assistant Professor of Nursing
M.N.Sc., 1994, University of Arkansas for Medical Sciences

Robert C. Smith, 2011 Instructor of Business
M.M., 1992, Northwestern University

Gary Smithey, 1993 Professor and Chair,
Department of Advanced Instructional Studies
and Educational Leadership
Ed.D., 1991, University of Oklahoma

Lynn Glover Stanley, 1999 Professor and Chair,
Department of Health, Physical Education,
Recreation and Athletic Training
Ed.D., 2002, University of Arkansas at Little Rock

David Stoddard, 1998 Professor of Art
M.F.A., 1998, Memphis College of Art

Laura Storm, 2001Professor of Music
D.M., 2004, Florida State University

Katherine Strause, 2007Associate Professor and Chair, Department of Art
M.F.A., 1992, Southern Illinois University at Edwardsville

Suzanne Tartamella, 2012Assistant Professor of English

- Ph.D., 2010, University of Maryland
- Celya D. Taylor, 2001 Associate Professor and Chair,
 Department of Curriculum and Instruction,
 Director of M.H. Russell Center for Economic Education,
 and Interim Associate Dean, Teachers College, Henderson
 Ed.D., 2009, University of Louisiana at Monroe
- Kenneth Taylor, 2001 Associate Professor of Curriculum & Instruction
 and Interim Dean of Graduate School
 Ed.D., 2008, University of Arkansas at Little Rock
- Michael Taylor, 1991 Professor of Communication
 M.F.A., 1996, University of Arkansas
- David T. Thomson, 1975 Professor of English
 and Director of Honors College
 Ph.D., 1976, University of Denver
- Tata Thornton, 2010 Lecturer of Marketing
 M.B.A., 2009, Henderson State University
- Steven Todd, 2011 Assistant Professor of Philosophy
 Ph.D., 2009, University of Connecticut
- Renn Tumblison, 1990 Professor of Biology
 Ph.D., 1990, Oklahoma State University
- Allison Vetter, 2008 Associate Professor of Sociology
 Ph.D., 2001, University of Nebraska - Lincoln
- David W. Warren, 2008 Associate Professor of Art
 M.F.A., 2005, University of Arkansas
- Mike Watters, 1996 Louis Dawkins Professor of Accounting
 D.B.A., 1989, Mississippi State University
- Patricia A. Weaver, 2004 Professor of Educational Leadership
 Ph.D., 1985, University of North Texas
- Patrick Wempe, 2005 Professor of Recreation
 Ed.D., 2001, University of South Dakota
- Penny Whelchel, 2008 Assistant Professor of Family and Consumer Sciences
 and Director for Dietetics Specialization
 M.S., 2006, Florida State University
- W. Paul Williamson, 2003 Professor of Psychology
 Ph.D., 1999, University of Tennessee
- Peggy K. Woodall, 2008 Associate Professor of Special Education
 Ph.D., 2002, University of Santa Barbara
- Fred Worth, 1991 Professor of Mathematics
 Ph.D., 1991, University of Missouri at Rolla

- Charlotte White-Wright, 2011Assistant Professor of Early Childhood
Ed.D., 2010, Regent University
- Meredith Wright, 2009Instructor of Mathematics
M.A., 2005, University of Central Arkansas
- Elizabeth Wyatt, 2008Assistant Professor of Reading
Ed.S., 2008, University of Arkansas at Little Rock
- Richard Wyman, 2012 Instructor of Aviation
M.C.A., 2011, Delta State University
- Robert F. Yehl, 1985Associate Librarian
and Director of the Library
M.S.L.S., 1978, University of North Carolina

EMERITI FACULTY

- J. Patrick Adcock, 1970 Professor Emeritus of English
Ed.D., 1979, Texas A & M University-Commerce
- Gary D. Anderson, 1966-67;1969..... Professor Emeritus of Sociology
Ed.D., 1969, University of Arkansas
- James R. Andrews, 1971 Associate Professor Emeritus of Education
Ed.D., 1971, Indiana University
- Rebecca J. Andrews, 1971 Assistant Professor Emeritus of Health,
Physical Education and Recreation
M.S.E., 1970, Eastern Illinois University
- Beverly Baker, 1977Assistant Professor Emeritus of Family
and Consumer Sciences
M.S.E., 1971, Ouachita Baptist University
- C. Clyde Berry, 1963 Professor Emeritus of Physical Education
Ed.D., 1973, North Texas State University
- Jimmy D. Bragg, 1971 Professor Emeritus of Biology
Ph.D., 1972, University of Arkansas
- Wesley R. Branstine, 1973 Professor Emeritus of Music
D.M.A., 1984, North Texas State University
- M. Russell Cerrato, 1973Professor Emeritus of Health,
Physical Education, and Recreation
Ed.D., 1976, East Texas State University
- Thomas F. Chase, 1966-67; 1969 Associate Professor Emeritus of Music
M.M., 1958, Boston University
- Martha D. Cooley, 1991Assistant Professor Emeritus of English

M.S.E., 1989, Henderson State University

John W. Crawford, 1967 Professor Emeritus of English
Ed.D., 1968, Oklahoma State University

Pamela S. Davis, 1971 Professor Emeritus of Early Childhood Education
Ph.D., 1981, Texas Woman's University

Louis E. Dawkins, 1964-1981; 1987-2000; 2012 Professor Emeritus of Accounting
Ph.D., 1982, University of Arkansas

Donald R. Dodson, 1957 Associate Professor Emeritus of Accounting
M.B.A., 1957, Texas A & M University

Peggy R. Dorris, 1966 Professor Emeritus of Biology
Ph.D., 1967, University of Mississippi

Clarence O. Durand, 1966 Professor Emeritus of Mathematics/Computer Science
M.S., 1966, Northwest State College of Louisiana

William W. Durand, 1966 Distinguished Professor Emeritus of Mathematics
Ed.D., 1972, Oklahoma State University

Wendell O. Evanson, 1958 Professor Emeritus of Music
M.M., 1953, University of Michigan

Larry D. Frost, 1970 Professor Emeritus of English
Ed.D., 1978, Texas A & M University-Commerce

Earl R. Fulmer, 1962 Associate Professor Emeritus of Physical Science
Ed.D., 1963, University of Arkansas

Alvin Futrell, 1975 Professor Emeritus of Curriculum & Instruction
Ed.D., 1986, Ball State University

David Gardner, 1983 Associate Professor Emeritus of Mathematics
M.S.E., 1971, Arkansas State University

Kenneth M. Gilliam, 1961-67; 1972... Associate Professor Emeritus of Theatre Arts
M.A., 1962, University of Arkansas

Evelyn E. Good, 1974..... Associate Professor Emeritus of Family
and Consumer Sciences
M.S., 1970, Louisiana State University

Charles R. Green, 1972..... Professor Emeritus of Educational Leadership
Ed.D., 1972, East Texas State University

John G. Hall, 1963..... Professor Emeritus of History
Ph.D., 1972, University of Mississippi

Julia O. Hall, 1968..... Professor Emeritus of English
Ph.D., 1977, University of Mississippi

Kenneth G. Harris, 1973 Professor Emeritus of Curriculum & Instruction
Ed.D., 1993, East Texas State University

Earl J. Hesse, 1970 Professor Emeritus of Music
D.A., 1985, University of Mississippi

S. Preston Hobson, 1967 Professor Emeritus of Education
Ph.D., 1967, East Texas State University

Margaret Hoskins, 1992 Donald Dodson Professor Emeritus of Accounting
Ph.D., 1992, University of Mississippi

Steven Hotho, 1979 Associate Professor Emeritus of Sociology
M.S.W., 1967, Louisiana State University

Charles W. Hughes, 1971 Professor Emeritus of English
Ph.D., 1971, Texas Tech University

Eugene T. Jackman, 1967 Professor Emeritus of History
Ph.D., 1967, University of Mississippi

Woodrow Jolley, Jr., 1990 Professor Emeritus of Health,
Physical Education & Recreation
Ed.D., 1980, University of Arkansas

James W. Jones, 1970 Professor Emeritus of Health,
Physical Education and Recreation
Ed.D., 1982, East Texas State University

Eugene G. Kuyper, 1952 Associate Professor Emeritus of Voice
M.M., 1952, University of Arkansas

Paula S. Leming, 1971 Associate Professor Emeritus of Languages
M.A., 1969, Michigan State University

W. Jerry Malone, 1972 Professor Emeritus of Curriculum & Instruction
Ed.D., 1972, Mississippi State University

Edwin P. Martin, 1967 Professor Emeritus of Art
M.F.A., 1965, Florida State University

Kay McAfee, 1970 Professor Emeritus of Music
D.M.A., 1986, North Texas State University

Wayne L. McAfee, 1962 Associate Professor Emeritus of Art
M.A., 1956, Louisiana State University

Dennis W. McMasters, 1973 Professor Emeritus of Biology
Ph.D., 1973, University of Arkansas

Patsy H. Melton, 1965 Associate Professor Emeritus of Mathematics
M.S., 1965, University of Arkansas

Frank R. Murray, 1966 Associate Professor Emeritus of Political Science

M.S., 1956, University of Colorado

R. Blair Olson, 1980..... Professor Emeritus of Counselor Education
Ed.D., 1980, Idaho State University

Bryan D. Palmer, 1966 Distinguished Professor Emeritus of Chemistry
Ph.D., 1966, University of Arkansas

M.H. Peebles, Jr., 1969 Special Collections Librarian/Instructor Emeritus
M.S.L.S., 1962, East Texas State University

Donald J. Pennington, 1969 Professor Emeritus of Communication
Ed.D., 1970, University of Arkansas

Henry Pérez, 1991 Professor Emeritus of Foreign Languages
Ph.D., 1982, University of Massachusetts

Manuel Ramirez, 1968 Professor Emeritus of Foreign Languages
Ph.D., 1960, Interamerican University

Ira Don Richards, 1961 Professor Emeritus of History
Ph.D., 1964, Tulane University

Connie M. Roberts, 1966..... Associate Professor Emeritus of Physical Sciences
M.S., 1965, University of Mississippi

Jerry L. Robinson, 1987 Professor Emeritus of Aviation
Ph.D., 1987, Kansas State University

Sandra D. Rodgers, 1966 Assistant Professor Emeritus of Business Education
M.S.E., 1966, Arkansas State University

Ann B. Rye, 1972 Professor Emeritus of Music
D.M.A., 1987, University of Oklahoma

Charles S. Rye, 1972 Professor Emeritus of Music
D.M.A., 1981, University of Oklahoma

Richard D. Schmid, 1985 Professor Emeritus of Counselor Education
Ed.D., 1984, Northern Illinois University

Margaret Shaw, 1966..... Professor Emeritus of English
Ph.D., 1983, University of Mississippi

Calvin Shipley, 1978 Associate Professor Emeritus of Economics
M.S., 1974, Louisiana State University

Gary Simmons, 1991 Professor Emeritus of Art
Ed.D., 1972, Indiana University at Bloomington

Ann W. Smith, 1970 Professor Emeritus of History
Ph.D., 1975, University of Nevada

Maralyn Sommer, 1990 Professor Emeritus of Music

D.M.A., 1988, University of Arizona

Carl Stark, 1988 Professor Emeritus of Marketing
D.B.A., 1991, Mississippi State University

Georgine Steinmiller, 1987 Professor Emeritus of Special Education
Ph.D., 1985, University of Iowa

Robert C. Steinmiller, 1989 Professor Emeritus of Communication
Ph.D., 1986, University of Iowa

James C. Tatum, 1968 Professor Emeritus of Management
D.B.A., 1976, Mississippi State University

David Thigpen, 1986 Instructor Emeritus of Physical Education
Ed.D., 1994, University of Arkansas

Larry Thye, 1991 Professor Emeritus of Health,
Physical Education & Recreation
Ed.D., 1985, University of Missouri at Columbia

Bettye M. Wallace, 1963 Assistant Professor Emeritus of Physical Education
M.A., 1963, Colorado State College of Education

Meta Wallace, 1966 Professor Emeritus of English
Ph.D., 1978, University of Arkansas

Charles A. Weiner, 1972 Professor Emeritus of Counselor Education
Ed.D., 1972, Memphis State University

Donald Wells, 1971 Assistant Professor Emeritus of Sociology
M.A., 1971, Stephen F. Austin State University

Delores B. White, 1963 Professor Emeritus of Health,
Physical Education & Recreation
Ed.D., 1969, University of Southern Mississippi

Anita B. Williams, 1988 Professor Emeritus of Marketing
Ph.D., 1985, University of Arkansas

Joe C. Wright, 1966 Professor Emeritus of Chemistry
Ph.D., 1966, University of Arkansas

STAFF

Cecilia Addington, 2001 Assistant Director, Student Support Services
M.S.E., 1974, Henderson State University

Kaci Bailey, 2011 Assistant Women's Basketball Coach
M.S., 2011, University of Arkansas at Little Rock

Carey Baker, 2010 Assistant Football Coach

M.Ed., 1996, Southern Arkansas University

Carrie Barber, 2009 Secondary Mathematics Specialist
South Arkansas Math and Science Center
M.S.E., 1999, Henderson State University

Annette Brown, 2008..... Science Instructional Specialist,
South Arkansas Mathematics and Science Center
M.S., 2004, University of Central Arkansas

Kathy Brownlee, 2009..... Assistant Director, Veterans Upward Bound Program
M.S., 1997, Francis Marion University

Robyn Chastain, 2002..... Assistant Director, Educational Talent Search
M.S., 2004, Henderson State University

Deanna Dennis..... Secondary Math Specialist
South Arkansas Mathematics and Science Center
M.Ed., 1999, Southern Arkansas University

Robert Espinoza, 2011..... Assistant Football Coach
M.S., 2010, Henderson State University

Anna Eudy-Espinoza, 2011 Academic Advisor, Academic Advising Center
B.A., 2007, Henderson State University

Vickie Faust, 1988..... Assistant Director, Disability Resource Center/Instructor
M.S.E., 1989, Henderson State University

Jocelyn Gordon, 2006..... Assistant Athletic Trainer
M.A., 2006, San Jose State University

Matthew Gordon, 2005..... Assistant Football Coach
M.Ed., 2006, Tarleton State University

Brenda Hagerich, 2003 Education Specialist, Student Support Services
M.S., 1985, University of Central Arkansas

Aaron Harford, 2007..... Academic Coordinator, Veterans Upward Bound Program
M.S., 2007, University of Arkansas

Wanda Harris, 1989 Counselor, Veterans Upward Bound Program/Instructor
M.S.E., 1993, Henderson State University

Leah Hasley, 2009 Business Consultant
Small Business Technology and Development Center
B.S., 1986, Henderson State University

Joslyn Hernandez-Smith, 2011 Laboratory/Greenhouse Technician
B.S., 2007, Henderson State University

Chanda Hooten, 2012 Academic Advisor, Academic Advising Center
B.A., 2002, University of Kansas

Cody Hooten, 2010Head Baseball Coach
M.S., 2010, Henderson State University

Wanda Hunter, 2009 Assistant Director
Ronald E. McNair Post Baccalaureate Achievement Program
M.A., 2003, University of Arkansas at Little Rock

Beth Jackson, 2008 Head Softball Coach
M.A., 2006, University of North Alabama

Brenda Joiner, 1993 Head Coach, Women’s Tennis and Cross Country
B.S.B.A., 1979, Henderson State University

C. Lenette Jones, 2005 Assistant Director of Athletics
and Assistant Senior Women’s Administrator
M.S., 2002, Henderson State University

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M.A., 2009, University of Arkansas at Little Rock

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M.S., 1961, University of Arkansas

Allen Leible, 2011Manager of Simonson Biological Field Station
B.S., 2008, Henderson State University

Coak Matthews, 1984 Head Swimming Coach
B.S.B.A., 1978, University of Arkansas

Scott Maxfield, 2004 Head Football Coach
M.S.S., 2001, United States Sports Academy

Emma Lou May, 2003 Assistant Director, Educational Opportunity Center
M.S., 2001, Henderson State University

Cris McGough, 2012Education Specialist, Educational Opportunity Center
M.S., 1997, Henderson State University

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M.S., 2001, Henderson State University

Debra Miller, 2003 Education Specialist, Student Support Services
M.A., 1984, Michigan State University

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M.Ed., 2007, Stephen F. Austin University

Chris Oestreich, 2009 Head Women’s Basketball Coach
M.A., 1994, University of Missouri-Kansas City

Dwayne Paul, 2011 Assistant Men’s Basketball Coach

- M.S., 2011, University of Wyoming
- Erin Poe, 2010 Education Specialist,
Student Support Services-Disability Program
M.Ed., 2005, Southern Arkansas University
- Beverly Quillin, 2001 Assistant Director of Disability Resource Center
M.S., 1989, Henderson State University
- Robert Redding, 2008 Head Athletic Trainer
M.S., 2007, U.S. Sports Academy
- Rickey Rogers, 2007 Education Specialist, Educational Opportunity Center
M.S., 2012, Henderson State University
- Jason Smelser, 2011 Assistant Football Coach
M.Ed., 2001, Southern Arkansas University
- Ben Smock, 2011 Golf Coach
B.A., 2008, University of North Texas
- Brittany Stone, 2011 Assistant Athletic Trainer
M.S., 2012, Henderson State University
- Rhonda Thigpen, 1990 Volleyball Coach and Senior Women’s Administrator
M.S.E., 1981, Henderson State University
- Tara Thornton, 2010 Training Coordinator
Small Business Technology and Development Center
M.B.A., 2009, Henderson State University
- Michael Volarvich, 2010 Assistant Football Coach
M.A.T., 2007, University of West Alabama
- Tricia Wempe, 2010 Education Specialist, Student Support Services
M.A., 2001, University of South Dakota

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