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Athletic Department ..................... (918) 343-7782
Bartlesville Campus ..................... (918) 335-3500
Broadcasting ............................. (918) 343-7657
Business Office ......................... (918) 343-7558
Campus Public Safety ................... (918) 343-7624
Child Development Center .......... (918) 343-7863
Department of Applied Technology . (918) 343-7520
Department of Business ............... (918) 343-7663
Department of Communications and Fine Arts . (918) 343-7740
Department of Health Sciences ..... (918) 343-7631
Department of Mathematics and Science ................. (918) 343-7695
Department of Social and Behavioral Sciences ...... (918) 343-7683
Development and Alumni ............. (918) 343-7773
Distance Education .................... (918) 343-7703
Education Opportunity Center ...... (918) 343-7761
Educational Talent Search ............. (918) 343-7823
Employment and Benefits ............. (918) 343-7886
Enrollment Management ............... (918) 343-7546
Environmental Math and Science .... (918) 343-7705
Food Services ......................... (918) 343-7843
Innovation Center ...................... (918) 343-7533
Institutional Research ................. (918) 343-7605
Library ................................ (918) 343-7716
Print Shop .............................. (918) 343-7859
Project ASPIRE ......................... (918) 343-7728
Prospective Student Services ........ (918) 343-7546
Pryor Campus ......................... (918) 825-6117
Pryor Campus (Claremore Number) .. (918) 343-7867
Public Information ..................... (918) 343-7771
School of Business and Technology .. (918) 343-7663
School of Liberal Arts ................. (918) 343-7740/7683
School of Mathematics, Science and Health Sciences (918) 343-7695
Student Activities ..................... (918) 343-7755
Student Affairs ....................... (918) 343-7579
Student Health Center ............... (918) 343-7614
Student Housing ...................... (918) 343-7789
Student Support Services .......... (918) 343-7575
Testing Center ........................ (918) 343-7730
University Bookstore ................. (918) 343-7847
Upward Bound Program .............. (918) 343-7572
Vocational Rehabilitation .......... (918) 341-8122
Wellness Center ....................... (918) 343-7894

Online Address:  www.rsu.edu

Mailing address:
(Office or Department Here)
Rogers State University
1701 W. Will Rogers Blvd.
Claremore, OK  74017-3252

Although this bulletin was prepared on the basis of the best information available at the time, all information (including admission and graduation requirements; course offerings and course descriptions; statements of tuition and fees; and room, book, and supplies charges) is subject to change without notice or obligation. For current calendars, tuition rates, requirements, deadlines, etc., students should refer to a copy of the Schedule of Classes for the semester in which they intend to enroll.

The courses listed in this bulletin are intended as a general indication of the Rogers State University curriculum. Courses and programs are subject to modification at any time. Not all courses are offered every semester, and the faculty teaching a particular course or program may vary from time to time. The instructor may alter the content of a course or program to meet particular class needs. Courses are listed by school.

Rogers State University is an affirmative action/equal opportunity institution.

Rogers State University
2006-2007 Bulletin
July 2006
University Governing Boards

Rogers State University is a member of the Oklahoma state system of higher education. The legal control of the University rests in two boards: (1) the Oklahoma State Regents for Higher Education, and (2) the Board of Regents of The University of Oklahoma.

Oklahoma State Regents for Higher Education

The Oklahoma State Regents for Higher Education is the coordinating board for all public institutions of higher education in the state. The board consists of nine members who are appointed by the governor and confirmed by the state senate for nine-year terms, one expiring each year. The coordinating powers of the board include the right to prescribe standards for higher education, to approve programs of study and functions for public institutions of higher education, and to establish minimum standards for admission to public institutions in the state. The present membership is:

Cheryl P. Hunter, Chairman ..................... Oklahoma City
John Massey, Vice Chairman ..................... Durant
Bill W. Burgess, Jr., Secretary ................. Lawton
Ronald H. White, Assistant Secretary ......... Oklahoma City
James D. “Jimmy” Harrel ....................... Leedey
William Stuart Price ......................... Tulsa
Carl R. Renfro .................................. Ponca City
Joseph L. Parker .......................... Tulsa
Julie Carson ............................ Claremore

Dr. Paul G. Risser, Chancellor

The Board of Regents of The University of Oklahoma

Current members:

Paul D. Austin, Chairman ...................... Seminole
Tom Clark ...................................... Tulsa
Jon Stuart ...................................... Tulsa
Max Weitenhoffer ............................. Norman
Larry Wade .............................. Elk City
Paul B. Bell .................................. Norman
Leslie Rainbolt-Forbes ................... Oklahoma City

Chris A. Purcell, Executive Secretary ............ Norman

Rogers State University Administration

Dr. Joe Wiley .......................... President
Dr. Larry Minks ............... Vice President for Academic Affairs
Dr. Ray Brown ................. Vice President for Economic
and Community Development
Dr. Danette Boyle ....................... Vice President for Development and Alumni
Mr. Tom Volturo ............... Vice President for Business Affairs
Mr. Mark Meadors ................ Controller/ Assistant Vice President for Business Affairs
Ms. Linda Andrews ............. Assistant Vice President for Institutional Research, Planning, and Assessment
Dr. Michael Turner ................ Dean of Student Affairs
Mr. Bill BeierschmidtProvost and Chief Operating Officer Bartlesville Campus
Ms. Sherry Alexander ............ Director/Pryor Campus

Academic Deans

Dr. Frank Elwell .................... School of Liberal Arts
Dr. Bruce Garrison ............... School of Business and Technology

Accreditation

Rogers State University is accredited by:

The Higher Learning Commission of the North Central Association of Colleges and Schools

30 N. LaSalle, Suite 2400
Chicago, IL 60602-2504
(800) 621-7440
Fax: (312) 263-7462

The Associate Degree Nursing Program is accredited by:

The National League for Nursing Accrediting Commission

61 Broadway 33rd Floor
New York, New York 10006
(800) 669-1656 ext.153

RSU Bulletin 2006-2007
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Mission Statement and Purposes

Rogers State University is a regional university, located in northeastern Oklahoma, governed by the Board of Regents of The University of Oklahoma within a state system coordinat-ed by the Oklahoma State Regents for Higher Education. The mission of RSU is to prepare students to achieve professional and personal goals in dynamic local and global communities. Rogers State University provides traditional and innovative learning opportunities and is committed to excellence in teaching and student service.

The purposes, which support the RSU mission, are as follows:

1. To provide baccalaureate and associate degrees, graduate degree opportunities, and educational opportunities for traditional and nontraditional students.

2. To promote an atmosphere of academic freedom and tolerance of diverse views for members of the University community.

3. To meet students’ special needs through comprehensive developmental educational programs.

4. To foster student competence in written and oral communications, scientific reasoning, and critical thinking that emphasizes qualitative as well as quantitative skills.

5. To provide students with a diverse, innovative faculty dedicated to excellence in teaching.

6. To promote and encourage student, community, faculty, and staff interaction in a positive academic climate.

7. To provide University-wide student services, activities, and resources that complement academic programs.

8. To create opportunities for cultural, intellectual, and personal enrichment for the students and the residents in surrounding communities.

History of Rogers State University

Rogers State University (RSU) has a long and proud history as a high-quality institution of higher learning serving the educational and professional needs of residents of the Claremore area, northeastern Oklahoma, and, via its distance learning programs, the nation and the world.

For more than 90 years, the institution on College Hill, which overlooks the city of Claremore, has symbolized quality education and service to area residents.

RSU was founded in 1909—just two years after Oklahoma was granted statehood. The University was officially established as Eastern University Preparatory School in Claremore by the Oklahoma Legislature in its second session. The mission of the Eastern University Preparatory School was to prepare the sons and daughters of Native Americans, farmers, and ranchers for entry into the colleges and universities of Oklahoma.

As a condition established by the Oklahoma Legislature, the citizens of Claremore—led by A. L. Kates, editor of the Claremore Progress—raised $3,000 to purchase land for the new institution. A group of citizens known as the “Hill-toppers” located 40 acres of land on College Hill, one mile west of Claremore. With an appropriation of $50,000 by the Oklahoma Legislature, construction began on a building for the new institution, Preparatory Hall. Today, Preparatory Hall, which features a stately gold dome and is listed on the National Register of Historic Places, remains the focal point of the university.

During the construction of Preparatory Hall from 1909 to 1911, Eastern University Preparatory School classes were held in the old Claremont Building in downtown Claremore. Five students graduated at the end of the institution’s first academic year. During its second academic year (1910-11), 375 students were enrolled. The institution continued to grow rapidly, adding a library in 1914 and receiving accreditation as a secondary school by the North Central Association of Colleges and Secondary Schools in 1916. Preparatory Hall housed the entire operation of Eastern University Preparatory School until the institution was closed in 1917 due to the changing educational needs of area residents.

Oklahoma Military Academy

Two years later, the institution was resurrected as the Oklahoma Military Academy in response to the needs of area residents and the United States Armed Forces. By 1923, the Oklahoma Military Academy offered secondary education and two years of college to young men from Oklahoma and across the nation.
The Oklahoma Military Academy has an extensive register of graduates who became great leaders, both in military and civilian life. More than 2,500 Oklahoma Military Academy graduates served in the Armed Forces of the United States during World War II, the Korean War, and the Vietnam War. More than 100 graduates of the Oklahoma Military Academy gave their lives in service to their country. The Oklahoma Military Academy quickly gained recognition as one of the top military schools in the United States. Among the graduates of the academy is retired Lt. Gen. William E. Potts, the most decorated living soldier in the U.S. Army. A bust of Lt. Gen. Potts is located in the lobby of RSU’s Meyer Hall.

Several historic buildings were constructed on College Hill during the days of the Oklahoma Military Academy. Meyer Hall was constructed to serve as the first barracks for the cadets of the academy. The building was named in honor of Maurice Meyer, who was killed in action during World War I. Meyer Hall also appears on the National Register of Historic Places. To find out more about the buildings on campus, see University Facilities on the Claremore Campus, page 4.

Becoming a College
In 1971, in response to the growing educational needs of a rapidly developing technological and industrial economy in the Claremore area, the Oklahoma Legislature replaced the Oklahoma Military Academy with the new Claremore Junior College. The mission of the institution was expanded to provide a variety of high-quality two-year associate’s degree programs for area residents.

Claremore Junior College quickly grew from 477 students in 1971 to more than 3,000 in 1982, when the institution was renamed Rogers State College to better represent the areas it served—Rogers County and the surrounding communities. As Rogers State College, the institution prospered, adding a variety of academic programs, including the state’s only full-power public television station located on a university campus and the Thunderbird Library. The institution was a pioneer in establishing education outreach centers in Northeast Oklahoma. Rogers State College also became a pioneer in the nation in distance education, offering telecourses and independent study options for students.

In 1996, the Oklahoma Legislature approved the merger of Rogers State College and the University Center at Tulsa (UCAT), a consortium of four Oklahoma universities: The University of Oklahoma, Oklahoma State University, Northeastern State University, and Langston University. The new institution was named Rogers University and continued operation for two years.

A New University is Born
In 1998, the Oklahoma Legislature separated the institutions, creating a branch of Oklahoma State University in Tulsa and Rogers State University, a new regional university with a main campus in Claremore.

The Oklahoma Legislature granted permission for Rogers State University to create and seek accreditation for its own four-year bachelor’s degrees, while continuing to offer high-quality two-year associate’s degrees.

In April 2000, a team from the North Central Association of Colleges and Schools (NCA) announced it would unanimously recommend that the NCA Commission on Institutions of Higher Education grant RSU accreditation as a four-year baccalaureate degree-granting institution.

In August 2000, the NCA Commission on Institutions of Higher Education formally granted RSU accreditation as a four-year university.

Today and into the Future
Today, Rogers State University is a dynamic, progressive university widely recognized for its high-quality academic programs, distance learning options, and high-technology learning environment.

In fall 2005 a total of 3,880 students were enrolled at RSU’s campuses in Claremore, Bartlesville, and Pryor.

RSU is the only public four-year, residential university in the Tulsa metropolitan area. It is located near several major Tulsa high-technology employers and Tulsa International Airport.

RSU also offers high-quality associate’s degrees in a wide variety of disciplines to serve the educational needs of area residents. RSU is a national pioneer and leader in distance education, offering courses via the Internet, television, and compressed video to students across the state of Oklahoma, the nation, and the world.

RSU was the first public university in Oklahoma to offer bachelor’s degrees entirely via the Internet. Students can earn bachelor’s degrees in applied technology, business information technology, and liberal arts through the innovative RSU Online program without ever stepping foot on campus. RSU offers four associate’s degrees entirely via the Internet, including applied technology, business administration, computer science, and liberal arts.

RSU operates a main campus in Claremore and two growing, full-service campuses in Bartlesville and Pryor – the only public four-year institutions to serve those communities. Major expansion projects are planned for each campus.

RSU is growing by leaps and bounds. An $8.3 million state-of-the-art student apartment complex opened on RSU’s campus in Claremore in fall 2001, featuring high-speed Internet connections in every room, private bedrooms, computer laboratories, fully equipped kitchens, a swimming pool, an outdoor sand volleyball court, and meeting facilities.

The new $4.2 million Stratton Taylor Library opened in 2004. The 45,000-square-foot facility features increased shelving areas, reading rooms, meeting rooms, classrooms, and a coffee bar.

RSU also recently renovated several historic buildings on its campus in Claremore, including Markham Hall, Preparatory Hall, and Bushyhead Fieldhouse.

Students can easily transfer to and from RSU. The university has articulation agreements with several two-year institutions, including Tulsa Community College, Northeast Oklahoma A&M College, Northern Oklahoma College in Tonkawa, Carl Albert State College in Poteau, and Coffeyville (Kan.) Community College.

RSU offers cooperative education agreements with several technology centers across Oklahoma, including Tulsa Technology Centers, Northeast Technology Centers, and Central Technology Centers.

RSU is the only university in Oklahoma to operate its own full-power public television station. RSU-TV broadcasts a variety of telecourses and educational programming, reaching more than 1.2 million residents across Oklahoma and surrounding states. RSU also operates its own radio station, RSU Radio (KRSC) FM 91.3, which can be heard in Claremore, Tulsa, and across northeast Oklahoma. RSU Radio is the only alternative college radio station on a campus in Oklahoma. Much of the programming is produced and hosted by RSU students.

**University Facilities on the Claremore Campus**

**Baird Hall**—Named for Ralph N. Baird, longtime mathematics professor, this building houses classrooms for English, arts, and humanities. The Foundations Gallery, located in the art department on the first floor, regularly displays student, faculty, and guest exhibits.

**Bushyhead Field House**—Named for Dr. Jesse Bushyhead, Claremore physician, the field house is the location of the Wellness Center, a fitness center designed for the benefit of students, faculty, staff, and residents of Rogers County. The field house also features a basketball court.

**Campus Police Station**—This structure was originally constructed to provide a residence for the family of an Oklahoma Military Academy Officer. The approximately 1,500-square-foot home currently houses the Campus Police offices.

**Conservation Education Reserve**—A 100-acre outdoor education facility adjoining the RSU campus, the RSU Conservation Education Reserve is a joint effort by the University and the Rogers County Conservation District, in cooperation with the Department of Wildlife and the Oklahoma Conservation Commission. The Texaco Foundation, founding benefactor of the reserve, has provided funds to develop key components of the facility, including a wetlands walkway, view tower, amphitheater, dock, Challenge Course, water study labs, backyard habitat and butterfly garden, and various trails with more than 130 educational stations and exhibits.

**Downs Hall**—Named for Captain Walter E. Downs, Jr., son of former OMA President Col. Walter E. Downs. Captain Downs was a former cadet and a casualty of World War II. This facility serves as housing for RSU students, their spouses, and their families. The RSU Student Health Center is located in the northeast corner of Downs Hall.

**Foundation Alumni Center**—Dedicated in 1983, this 2,700-square-foot building is headquarters for the Development Office, the Rogers State University Foundation, the Oklahoma Military Academy Alumni Association, and the Rogers State University Alumni Association. Private funds were raised to construct the building.
Health Sciences Building — This facility houses the main office of the School of Mathematics, Science and Health Sciences, and laboratories and classrooms for the health sciences programs. It also contains several academic support programs. The building features two auditoriums, six laboratories, and a student commons area.

Herrington Hall — Named for the Herrington family including Mr. Carl G. Herrington, who served on the RSU Foundation Board of Directors. This facility houses the university’s School of Business and Technology and includes a variety of classrooms and computer labs.

Innovation Center — The Innovation Center fosters regional economic development and addresses the educational needs of business and industry in northeastern Oklahoma. The 7,000-square-foot building includes incubator space for several entrepreneurial companies. The facilities provide office space and administrative resources for the Claremore Industrial and Economic Development Authority (CIEDA), the Oklahoma Alliance for Manufacturing Excellence, SCORE, and other business support organizations.

Ledbetter Hall — Named for Col. Homer M. Ledbetter, a former president of OMA, this building is a duplicate of Downs Hall. This facility serves as housing for RSU students, their spouses, and their families.

Loshbaugh Hall — This structure houses biology, chemistry, geology, mathematics, and physics classrooms and laboratories. It is named for Alva N. Loshbaugh, former professor of chemistry.

Markham Hall — This facility houses the studios for RSU-TV and RSU Radio and business offices, and it is a one-stop center for advisement, enrollment, financial aid, and other student services. The building is named for Major General Baird H. Markham, commanding general of the 45th Division and a former member of the Board of Regents of the University. The building was completely renovated in 2002.

Meyer Hall — Named in honor of Maurice Meyer, the first Oklahoma soldier to fall in World War I, this building has been remodeled to house the Oklahoma Military Academy Museum and offices for the president and other members of the administrative staff. It is listed on the National Register of Historic Places.

Pershing Hall — Named for the famous World War I General of the Armies, this building was originally constructed as an indoor rifle range and now houses the campus print shop, mail room, and university archives.

Preparatory Hall — This structure, featuring a gold dome, was built in 1910 and is the oldest building on campus. This building contains the office of Academic Computing Services and the School of Liberal Arts.

RSU Child Development Center — This structure formerly housed the infirmary for Oklahoma Military Academy and is now a childcare and preschool center for children of students, staff, and faculty, as well as the general public.

RSU Radio- 91.3 FM — Located in Markham Hall, KRSC-91.3 FM, known as RSU Radio, is a public radio station licensed to Rogers State University. The station was first established in 1980 as a 10-watt station. Effective power has been increased to 3,000 watts reaching a potential audience of 1.2 million in northeastern Oklahoma. Listeners can enjoy a significant mix of free-form pop alternative music with specialty shows on rock, blues, jazz, and Celtic music. 91.3 FM also is known as “Rogers County Sports Radio” with comprehensive coverage of area high school football, basketball, baseball, and girls’ softball. RSU Radio is an associate member of the public radio satellite system and the Oklahoma News Network. The station is a “hands on” teaching facility of the RSU communications program. The station broadcasts Monday - Saturday 7:00 a.m. - 11:00 p.m. and Sunday 8:00 a.m. - 11:00 p.m.

RSU Student Apartments — This state-of-the-art, luxury residence for students on the Claremore campus opened in 2001. The facility, which accommodates 248 students, features four-bedroom suites, common living areas, kitchens, Internet connections in every bedroom, a swimming pool, meeting rooms, and an outdoor sand volleyball court. The facility is adjacent to the Stratton Taylor Library and other classroom buildings.

RSU-TV — Located in Markham Hall, KRSC-TV is a public educational television station licensed to Rogers State University. It is the only full-power, over-the-air broadcast television station licensed to a college or university in Oklahoma. The station began operation in 1987 as a 300,000-watt station. In 1992, a new 850-foot tower/transmitter was constructed increasing transmitting power to 2.75 million watts. KRSC-TV reaches a broadcast audience of 1.2 million viewers in northeastern Oklahoma and southern Kansas via UHF Channel 35 and 70 cable systems. The station produces and broadcasts a significant volume of college-level telecourses, “live” interactive distance learning programming, and developmental courses from three specially equipped broadcast classrooms on campus. Additional programming, local production, and special interest features round out the lineup. RSU-TV is recognized annually for being one of the top public stations nationally in regard to volume of local production. The station is a student training facility for the RSU communications program. The station broadcasts Monday - Friday 7:30 a.m. to midnight, Saturday and Sunday 8:00 a.m. to midnight.
Sculpture Lab—Constructed in 2004, the Sculpture Lab provides equipment and facilities to support students and faculty working with ceramics, pottery, and other sculptural processes.

Soldiers Field—Ideally situated in a natural depression, this facility has a 1,500-seat stadium and press box.

Stratton Taylor Library — The new $4 million Stratton Taylor Library, located in the heart of RSU’s Claremore campus, houses the university’s expanding library holdings and services. The library collection, located on the second and third floors, provides students with computer use areas, study spaces, reading rooms, meeting rooms, a classroom, and a coffee bar. The first floor of the building contains classrooms and offices. The state-of-the-art facility is the focal point of the Claremore campus and a center for learning and research for students and faculty alike. Completed in 2004, the library is named for Sen. Stratton Taylor, President Pro Tempore Emeritus of the Oklahoma Senate and Distinguished Alumnus of RSU.

Student Union Building — The Student Union Building is home to the Rogers State University Bookstore, RSU Café, and the Student Affairs Office.

Will Rogers Memorial Auditorium — A 580-seat facility equipped for all types of productions, available to the public for a minimal charge. Please contact Administrative Services at (918) 343-7733 for more information.

Community and Location

Claremore Campus
Rogers State University is located on the western heights of the city of Claremore, Oklahoma, the heart of the Cherokee Nation, and the home of the memorial of the great humanitarian-humorist Will Rogers. The world famous J. M. Davis Gun Museum, the Lynn Riggs Memorial, the Oklahoma Military Academy Memorial Museum, and the hospital for the Indian Nation reflect the history and culture of the community. The university is located only 25 miles from Tulsa International Airport and 12 miles from the Port of Catoosa, the head of navigation for river barges to and from the Gulf of Mexico.

Bartlesville Campus
The Bartlesville campus of Rogers State University was established in 1985 in cooperation with the Bartlesville Public School District. The present campus is in an historic, nine-story building located at Fourth Street (University Avenue) and Dewey Avenue. The new Bartlesville campus offers both day and evening general education courses as well as selected courses in specialized areas such as accounting, business management, computer science, and criminal justice. Students also are able to enroll in distance learning courses including telecourses, live interactive televised courses, independent study courses, compressed video courses, and online courses through the Bartlesville campus.

The enrollment center is located on the first floor of the Bartlesville campus. Students may apply for admission and financial aid, receive academic advising, and enroll in classes, all at this convenient “one-stop” location. Hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. For further information about the courses and services offered in Bartlesville, call (918) 338-8000.

Pryor Campus
The Pryor campus of Rogers State University offers a wide variety of general education, computer, and business courses for day and evening students. Students may receive the following services at this location: admission, enrollment, transfer information, advising, testing, and financial aid electronic filing. Distance learning students may test, view live interactive courses, view telecourses, and attend compressed video classes. The campus is located at 421 S. Elliott and is open from 8:00 a.m. until 8:30 p.m., Monday through Thursday, and 8:00 a.m. to 4:00 p.m., on Fridays. For further information about the courses and services offered in Pryor, call (918) 825-6117.

Equal Opportunity

The Board of Regents for the University of Oklahoma, in compliance with Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Section 402 of the Readjustment Assistance Act of 1974, Americans with Disabilities Act Executive Order 11246, Executive Order 11375, and other federal laws and regulations, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services.
Family Educational Rights and Privacy Act (FERPA)

In compliance with the Family Educational Rights and Privacy Act of 1974 (commonly known as the Buckley Amendment), Rogers State University identifies the following items as directory information:

- Academic classification
- Student’s current name
- Campus or local address
- Campus or local telephone number
- Academic major
- Student’s permanent address
- Current enrollment (verify or deny only)
- Dates of attendance at RSU
- Degree(s) conferred, and date(s) or Graduation

Upon a written request (by the student only) to the Office of Enrollment Management, this information will be treated as confidential and released only with the student’s consent. Policies regarding the Family Educational Rights and Privacy Act of 1974 are published in RSU’s Student Code.

Institutional Research and Assessment

The Office of Academic Affairs facilitates the institutional research and assessment function serving the university by collecting, analyzing, reporting, and archiving various data to support assessment, planning, and institutional research activities at Rogers State University. In addition to advising faculty and administrators on assessment methods and practices, the office serves as a central repository for institutional data, ensuring that university representatives speak with a common voice in any RSU reports.
Admission Policies

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Admission Policies and Categories of Admission

The admission policies of Rogers State University conform to the curricular requirements established by the Oklahoma State Regents for Higher Education and are consistent with the mission of the University.

Requirements for admission to Rogers State University are subject to change without prior notice.

To request an Application for Admission, contact the Office of Enrollment Management by calling (918) 343-7546, or visit any RSU campus in Claremore (Markham Hall), Bartlesville, or Pryor. Students interested in taking an online course may request information via the Internet at: http://www.rsuonline.edu.

Non-Academic Admission Policies
Rogers State University considers the following non-academic criteria in admitting first-time, transfer, or returning students:

1. Whether applicants have been expelled, suspended, denied admission, or denied readmission by any other educational institution.

2. Whether applicants have been convicted of a felony or convicted of a lesser crime involving moral turpitude.

3. Whether the applicant’s conduct has been such that, if the applicant was a student at the time of the conduct in question, the conduct would have been grounds for expulsion, suspension, dismissal, or denial of readmission at Rogers State University.

Academic Admission Policies
Students entering any degree program must meet the admission standards set forth by the Oklahoma State Regents for Higher Education. Rogers State University has an open admission policy for two-year programs. Due to the dual degree-granting role of Rogers State University, admission requirements may vary based on the degree level a student wishes to pursue. The following pages outline the requirements for the Bachelor’s degree, Associate in Arts, Associate in Science, and Associate in Applied Science.

First Time Entering Freshmen Requirements

1. All first-time students must submit a high school transcript containing the most current class rank, grade-point average, and date of graduation, or a copy of their GED certificate for evaluation.

2. ACT or SAT test scores are required for all first-time entering students. Placement testing is available on campus. When applicable, other admission options include: Adult Admission and Special Non-Degree Seeking Student.

3. Students must meet the criteria for both the high school curricular requirements and high school performance criteria as defined in the following sections. Students meeting both the high school curricular and the high school performance criteria are eligible for regular admission.

High School Curricular Requirements for Admission to Associate in Arts, Associate in Science, and Baccalaureate Degrees

<table>
<thead>
<tr>
<th>Units (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

*Students with deficiencies in these areas may be admitted as regular students, but will be required to take additional three-hour college-level courses in one of the subject areas listed.

15 Required Units

While these curricular requirements will normally be met by students in grades nine through twelve, advanced students who complete these courses in earlier grades will not be required to take additional courses for purposes of admission.

The English requirements should include an integrated writing component.

The 15 high school units set forth above are required for admission. Students not meeting curricular requirements will be required to prove proficiency through testing or developmental course work. In addition, the following subjects are recommended for college preparation:
4  Additional Recommended Units

2  Fine Arts—music, art, drama, speech.
1  Lab science as described on page 10.
1  Mathematics as described on page 10.

Students must remove any high school curricular and/or skill deficiencies within the first 24 credit hours attempted.

Entry-Level Assessment: Basic Skills Testing and Placement

All students admitted to Rogers State University are required to participate in a variety of assessment activities.

Rogers State University provides a program of basic skills testing and several developmental courses that are designed to help students enhance their proficiency in the basic skill areas of English, mathematics, reading, and science. Students required to enroll in these courses will ultimately benefit by having stronger skills in these important academic abilities.

Participation in basic skills assessment and/or developmental coursework is required for placement purposes if a first-time freshman has the following sub-scores on the ACT:

1.  ACT in English below 19*
2.  ACT in math below 19*
3.  ACT in reading below 19*
4.  ACT in science below 19*

*These scores are reviewed annually by the Oklahoma State Regents for Higher Education and are subject to change without further notice. Contact the Office of Enrollment Management for current admission/assessment standards.

A score on the Compass or the Institutional Science Test is required to demonstrate basic skill proficiency in English, mathematics, reading, and science. If the required score is not attained, the student must enroll in the appropriate developmental courses to gain basic skills proficiency. These courses must be completed within the first 24 semester hours attempted; otherwise, future enrollments by the student will be limited to only the required zero-level courses until successful completion. A grade of “C” or higher is required to clear a remedial course.

Additionally, students enrolled in developmental courses must complete ORIE 1151—The College Experience course within the first 24 semester hours attempted.

Admission Categories

Regular Admission

Bachelor’s Degree

Students seeking regular admission to baccalaureate degree programs must meet the following performance-based admission standards, i.e., 1, 2, and 3 or 4 or 5.

Minimum admission requirements are as follows:

1.  Meet high school curricular requirements as outlined in previous section.
2.  Be a graduate of an accredited high school or possess a GED. (Student’s high school class must have graduated.)

AND

3.  Attained an ACT or SAT score to rank in the top 50%* based on ACT Oklahoma norms or SAT national norms (2006-2007 ACT = 20; recentered SAT = 940, original SAT = 870).

OR

4.  Attained a high school GPA** and class rank in the top 50% of high school graduating class (2006–2007 GPA = 2.7).

OR


*These scores are reviewed annually by the Oklahoma State Regents for Higher Education and are subject to change without further notice.

**The GPA will be defined annually by the Oklahoma State Regents for Higher Education to correspond to the rank in class.

Associate in Arts and Associate in Science

Minimum admission requirements are as follows:

1.  Meet high school curricular requirements
2.  Graduate of an accredited high school or possess a GED (student’s high school class must have graduated)
3.  Complete the ACT or SAT test
4.  Students must remove any high school curricular requirement and skills deficiencies within the first 24 credit hours attempted.
Associate in Applied Science
Minimum admission requirements are as follows:

1. Meet high school curricular requirements
2. Graduate of an accredited high school or possess a GED (student’s high school class must have graduated)
3. Complete the ACT or SAT test

Students lacking curricular requirements must remove curricular deficiencies within the first 24 semester credit hours attempted and prior to taking courses in the discipline. To transfer to a baccalaureate degree program, the student must meet both the curricular and performance admission standards.

Special Admission
Special Non-Degree Seeking Student Admission
Students who wish to enroll in courses and do not intend to pursue a degree may enroll in nine credit hours without submitting academic credentials or meeting the academic curricular or performance requirements. Students may not enroll in courses requiring proficiency (English, math, reading, or science) without meeting proficiency requirements. After earning nine hours, students must meet regular admissions requirements to enroll in other coursework.

Note: Special non-degree seeking students are not eligible for financial aid.

Adult Admission
All adult admissions must be completed at the Claremore campus regardless of where the student will be taking classes.

a. Students who are 21 years of age or older or on active military duty may be admitted through adult admission. For students admitted under the adult admission category, RSU must consider the probability of the academic success of the student. The ACT or other entry-level test will be required for class placement. Students must demonstrate proficiency in the curricular area the student desires to pursue.

b. Any student who (1) is not a high school graduate but whose high school class has graduated and (2) has participated in the American College Testing program or similar battery of tests is eligible for admission to any 2 (two)-year college. Students utilizing a test other than ACT will have their scores converted to ACT equivalents.

Adult Admissions do not qualify for financial aid.

Home Study
An individual who is a graduate of a private, parochial, or other nonpublic high school that is not accredited by a recognized accrediting agency is eligible for admission to an institution in the State System as follows:

1. The student must have participated in the American College Testing or Scholastic Aptitude Test program and achieved the requisite composite score, as defined by the State Regents, for admission.
2. The student’s high school class of his or her peers must have graduated.
3. The student must satisfy the high school curricular requirements as certified by the school, or for home study, the parent.

Opportunity Admission
Students who have not graduated from high school whose composite standard score on the American College Test places them at the 99th percentile (2006-2007 ACT=32) of all students using Oklahoma norms, or whose combined verbal and mathematical score on the Scholastic Aptitude Test places them at the 99th percentile (2006-2007 SAT=1410) of all students using national norms, may apply for full enrollment. Admissibility is based on test scores, evaluation of the student’s level of maturity and ability to function in the adult college environment, and whether the experience will be in the best interest of students intellectually and socially.

Admission of International Students
International students who have completed their secondary education or equivalent may be eligible for admission to Rogers State University. The student will need to complete an RSU International Application for Admission available by contacting the RSU International Advisor at (918) 343-7692, and provide the following information:

1. Official transcripts from all schools attended. These transcripts must be evaluated and translated by World Education Services (WES) at the initiative and expense of the student. Contact WES at (212) 966-6311.
2. Proof of financial support, including bank statements for the past year, represented in US currency.
3. Demonstrate English proficiency, if English is a second language, in one of the following ways:
   a. Students from the following countries are exempt from taking the Test of English as a Foreign Language (TOEFL): Australia, Canada, England, Jamaica, New Zealand, Trinidad, and West Africa.
   b. Official TOEFL score of 500+ on the written examination, or
c. Official TOEFL score of 173+ on the computerized examination, or

d. Official TOEFL score of 460+ and successful completion of a 12-week Intensive English Program (IEP) approved by the Oklahoma State Regents to be immediately followed by enrollment at RSU, or

e. Graduate from an English speaking high school.

4. Visa and Passport

5. Completed I-901 and fee ($100) after I-20 is received.

6. A valid I-20 is required for students already in the United States

7. Transfer students require:

a. A valid I-94

b. A copy of their U.S. transfer transcript

c. Letter from transferring institution declaring Financial standing, Academic standing, and INS standing (have any reinstatements been required)

d. A valid I-20 (Transfer students can provide, with written verification, a copy of their original I-20 from their transferring institution.)

e. International Transfer students are evaluated by the same academic standards as other transfer students.

**Admission by Transfer**

Transfer applicants must submit official transcripts from ALL colleges attended. A transfer student is defined as an undergraduate student with seven or more attempted semester hours, excluding zero-level credit hours and/or hours earned through concurrent high school enrollment.

Transfer students must have a minimum cumulative 2.0 GPA from a regionally accredited university or college on all college coursework attempted. Admission and assessment purposes may also necessitate official high school transcripts and/or assessment scores. Deficiencies determined after official assessment must be removed within the first 12 attempted hours of coursework.

A student who wishes to transfer to Rogers State University from another institution may do so if the following conditions are met:

1. All transfer students must meet the curricular requirements as outlined for new freshman admission.

2. Only grades of “C” or better will be accepted for transfer substitution from out-of-state regionally accredited schools.

3. Transfer students not meeting the minimum standards for curricular requirements will be required to take placement tests for curricular deficiencies. A student may be required to take two remedial courses prior to college-level math work.

4. Transfer students must be in good standing with the institution from which he/she plans to transfer.

**Retention GPA Requirements**

<table>
<thead>
<tr>
<th>Credit Hours Attempted</th>
<th>Retention GPA Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30 semester credit hours</td>
<td>1.7</td>
</tr>
<tr>
<td>More than 30 semester credit hours</td>
<td>2.0</td>
</tr>
</tbody>
</table>

5. Transfer students must remove any deficiencies during the first 12 credit hours of enrollment.

6. All students who transfer to RSU on probationary status with less than 24 credit hours are required to enroll in an orientation course, and they are encouraged to take full advantage of the free tutoring services available. Exceptions are students seeking an associate in applied science degree.

**Transfer Probation**

Students who do not meet the retention standards, including curricular requirements, but have not been formally suspended, may be admitted as “transfer probation” students. Students transferring from other institutions with less than a 2.0 grade point average will be admitted on academic probation. At the end of the semester, the student must have a semester GPA of 2.0 or higher in regularly graded coursework (not to include activity or performance courses) to avoid suspension. Students will remain on “Academic Probation” until the retention/graduation GPA is raised to Retention Standards.

**Transfer Suspension**

Students who have been formally suspended from another institution may be admitted as “transfer suspension” students. These students will be admitted on academic probation. Students admitted on probation after a suspension from another institution, who do not complete the current semester with a 2.0 GPA, will be automatically suspended. Students admitted after a suspension may be limited to 12 credit hours of enrollment during their first semester at RSU.

**Readmission**

Former students who have not attended Rogers State University for a period of one 16-week semester or more (summers excluded) must be readmitted before enrollment. An application for readmission and official transcripts of all work completed since leaving Rogers State University must
be filed with the Office of Enrollment Management prior to being considered for readmission.

**Concurrent Enrollment of High School Students**

**Requirements:**

1. A student enrolled in an accredited high school may, if meeting the requirements set forth below, be admitted provisionally to Rogers State University.

**Concurrent Enrollment of Twelfth-Grade Students**

A twelfth-grade student enrolled in an accredited high school may, if he/she meets the requirements set forth below, be admitted provisionally.

<table>
<thead>
<tr>
<th>Bachelor’s Programs</th>
<th>ACT/SAT at 50th percentile or High School GPA 3.0 and Class Rank - top 50% (2006–2007 ACT=20, SAT=940)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate’s Programs</td>
<td>ACT/SAT at 42nd percentile or High School GPA 3.0 (2006–2007 ACT=19, SAT=900)</td>
</tr>
</tbody>
</table>

**Concurrent Enrollment of Eleventh-Grade Students**

An eleventh-grade student enrolled in an accredited high school may, if he/she meets requirements (a) listed above and (b) the additional requirements set forth below, be admitted provisionally to Rogers State University.

<table>
<thead>
<tr>
<th>Bachelor’s Programs</th>
<th>ACT/SAT at 72nd percentile or High School GPA 3.5 (2006–2007 ACT=23, SAT=1060)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate’s Programs</td>
<td>ACT/SAT at 58th percentile or High School GPA 3.5 (2006–2007 ACT=21, SAT=980)</td>
</tr>
</tbody>
</table>

**All concurrent students** must have a signed statement from the high school principal stating that they are eligible to satisfy requirements for graduation from high school (including curricular requirements for college admission) no later than the spring of the senior year. Students must also provide a letter of recommendation from their counselor and written permission from their parents or legal guardian.

**Concurrent Enrollment of Home-School Students or Students Attending Nonaccredited High Schools**

A student receiving high school level instruction at home or from a nonaccredited high school may be admitted provisionally.

He/she must be 17 years of age or older and must meet the following requirements:

<table>
<thead>
<tr>
<th>Bachelor’s Programs</th>
<th>ACT/SAT at 50th percentile (2006–2007 ACT=20, SAT=940)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate’s Programs</td>
<td>ACT/SAT at 42nd percentile (2006–2007 ACT=19, SAT=900)</td>
</tr>
</tbody>
</table>

**Or**

He/she must be 16 years of age and must meet the following requirements:

<table>
<thead>
<tr>
<th>Bachelor’s Programs</th>
<th>ACT/SAT at 72nd percentile (2006–2007 ACT=23, SAT=1060)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate’s Programs</td>
<td>ACT/SAT at 58th percentile (2006–2007 ACT=21, SAT=980)</td>
</tr>
</tbody>
</table>

**Minimum Admission criteria are as follows:**

- ACT* composite at or above the 50th percentile for seniors and at or above the 72nd percentile for juniors.
- Eligibility to satisfy high school graduation requirements no later than the spring of the senior year, as attested by a high school official.
- Submission of all necessary documentation.
- Must meet ACT sub-score requirements for enrollment (no secondary testing is permitted).

*These scores are reviewed annually by the Oklahoma State Regents for Higher Education and are subject to change without further notice. Contact the Office of Enrollment Management for current admission/assessment standards.

The completion of the 15 high school curricular requirements shall not be required of concurrently enrolled high school students for purposes of provisional admission. Students may only enroll in curricular areas where curricular requirements have been met by achieving a minimum ACT sub-score in the discipline for which the student would like to enroll. Enrollment is limited to areas in which the student meets the minimum ACT sub-scores. Concurrently admitted high school students will not be allowed to enroll in any college or university zero-level courses designed to remove high school deficiencies.

**Load Requirements**

A high school student admitted under the provisions set forth may enroll in a combined number of high school and college courses per semester not to exceed a full-time college workload of 19 semester credit-hours. For purposes of calculating workload, one-half high school unit shall be equivalent to three semester credit hours of college work.
A student who is eligible under this policy may enroll in a maximum of nine semester hours during a summer session or term following the end of his or her junior year of high school, without the necessity of being concurrently enrolled in high school classes during the summer term.

Following high school graduation, such a student may continue his or her enrollment at RSU or may transfer to another institution in the State System, if during the provisional enrollment period he/she achieves a college grade-point average of 2.00 or above on a 4.00 scale and meets the entrance requirements of the receiving institution, including the high school curricular requirements.

Auditing Courses
Audit status is used for the student not interested in obtaining a course grade, but who is enrolled simply to gain course information. The allowable time to change an enrollment status from audit to credit or credit to audit is within the first ten class days of a regular semester and within the first five days of the summer semester. A grade of “AU” will be issued and is GPA-neutral. Financial Aid will not be awarded for classes that are taken for audit. Written permission from the instructor of the class must be presented at the time of registration.

Auditing for Age 65 and Older
Tuition will be waived, but fees are required, for residents of Oklahoma who are 65 years of age or older who wish to audit courses at Rogers State University. Auditing a course is contingent upon space available in the classroom or laboratory. Written permission from the instructor of the class must be presented at the time of registration.

Resident Status
All applicants are classified as resident or nonresident for purposes of admission and tuition based on information provided on the application for admission. Applicants may be required to submit evidence to substantiate their claim to resident classification. Since residence or domicile is a matter of intent, each case will be judged on its own merit by the appropriate institutional official(s) consistent with this policy. No definitive set of criteria can be established as sufficient to guarantee classification as a resident of Oklahoma.

A uniform policy concerning resident status exists for all state-supported institutions of higher education in Oklahoma. Copies of this policy are available from the Office of Enrollment Management.

To apply for Oklahoma residency or for questions concerning resident status, contact the Office of the Registrar, Rogers State University, 1701 W. Will Rogers Blvd., Claremore, OK 74017, or call (918) 343-7539.
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Tuition and Fees

<table>
<thead>
<tr>
<th></th>
<th>Tuition*</th>
<th>Fees*</th>
<th>Credit* Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oklahoma Residents</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courses</td>
<td>$76.00</td>
<td>$34.00</td>
<td>$110.00</td>
</tr>
<tr>
<td>Online Courses</td>
<td>76.00</td>
<td>70.25</td>
<td>146.25</td>
</tr>
<tr>
<td>Nursing Courses</td>
<td>91.00</td>
<td>34.00</td>
<td>125.00</td>
</tr>
<tr>
<td><strong>Nonresidents</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courses</td>
<td>$228.00</td>
<td>$34.00</td>
<td>$262.00</td>
</tr>
<tr>
<td>Online Courses</td>
<td>228.00</td>
<td>70.25</td>
<td>298.25</td>
</tr>
<tr>
<td>Nursing Courses</td>
<td>273.00</td>
<td>34.00</td>
<td>307.00</td>
</tr>
</tbody>
</table>

*RSU Fees per credit hour include: $7.30 facility fee, $9.45 activity fee, $2.75 assessment fee, $5.50 library fee, $7.00 technology fee, and $2.00 parking fee.

RSU Online course fees per credit hour include: $7.00 technology fee, $5.50 library fee, $2.75 assessment fee, and $55.00 service fee.

Institutional policies must adhere to the policies of the Oklahoma State Regents for Higher Education, and tuition and fees may be changed at their discretion.

**Computer Programming Fees**

<table>
<thead>
<tr>
<th></th>
<th>Oklahoma Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees for 15 hours</td>
<td>$1,665.00</td>
<td>$3,945.00</td>
</tr>
<tr>
<td>Room (4 person suite)</td>
<td>$2,070.00*</td>
<td>$2,070.00*</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>+ 800.00</td>
<td>+ 800.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,535.00</strong></td>
<td><strong>$6,815.00</strong></td>
</tr>
</tbody>
</table>

*Includes telephone, cable television, and high-speed Internet access; excludes electricity. Requires $200.00 housing deposit. Board plan is not required; however, 9, 12, or 15-meal plans are available. Additional fees are not included in cost estimates. Any incidental commuting costs should be added to the above totals.

Failure to receive a statement will not exempt a student from penalties. It is the student’s responsibility to determine his/her financial obligation and how it is to be met.

**Payment Options**

Pay by telephone (918) 343-7558

VISA, Mastercard, and Discover are accepted.

Make monthly payments

The RSU payment plan offers a second, more convenient way to pay for tuition and fees. The payment plan will split the total tuition and fee cost into four monthly payments, two during the summer semester, (interest free). There is a $20.00 set up fee due with the first payment in order to establish the payment plan. Students selecting to use this payment option must make payment arrangements with the Office of the Bursar one week before the semester begins.

Pay while you’re on campus

Payment may be made in person on any of the three RSU campuses.

Pay by mail

Mail-in payment for enrollment is accepted. A receipt will not be mailed to you but may be picked up in the Office of the Bursar. Make checks payable to Rogers State University, and record your student ID number on the check. Address mail-in payments to: Rogers State University, Office of the Bursar, 1701 W. Will Rogers Blvd., Claremore, OK 74017.
Financial Aid

Financial Aid recipients must have received an award letter by the first day of the semester from the Rogers State University Financial Aid Office for payment to be deferred.

Delinquent Payments

Until and including the last day of final examinations, students may pay their delinquent accounts by paying tuition, fees, and charges. Students settling their delinquent accounts after the last day of final examinations will be charged an additional penalty. The additional late payment charge is $50.00. Delinquent accounts will be sent to the University’s legal department for collection.

Refund Policy

Tuition and Fees: Tuition and fees will be refunded based on the schedules mandated by the Oklahoma State Regents for Higher Education.

Withdrawal/Dropping: Withdrawal from classes after the first two weeks of a fall or spring semester and first week of a summer term does not relieve students of their financial obligation to the University, and these students will be charged 100% of the tuition and fees due the University. Students must complete and sign a withdrawal form from the Office of Enrollment. Withdrawals cannot be completed by phone. Students must withdraw from regular 16-week classes during the first two weeks to receive a refund.

REFUND TIME TABLE

<table>
<thead>
<tr>
<th>Term</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 weeks</td>
<td>2 weeks</td>
</tr>
<tr>
<td>12 weeks</td>
<td>1 1/2 weeks</td>
</tr>
<tr>
<td>8 weeks</td>
<td>1 week</td>
</tr>
<tr>
<td>Under 8 weeks</td>
<td>First business day after the first day of class.</td>
</tr>
</tbody>
</table>

*Short-term classes are classes that meet less than 16 weeks.

Delinquent payment of charges will not constitute grounds for withdrawal. The charges will be carried forward to the next semester, at which time all fees and charges must be cleared prior to any new enrollment. Students leaving the University will find their official records and transcripts tagged, and these records will not be released to other persons, institutions, or agencies until all debts are paid.

Financial Aid

The Financial Aid Office at Rogers State University is organized to assist students in meeting the costs of education. The goal is to provide financial assistance to qualified students who have graduated from high school or have a GED. Financial aid is available through grants, scholarships, loans, and part-time employment from federal, state, institutional, and private sources. Financial need, available funds, student classification, and academic performance determine the types and amounts of aid awarded.

The application is made by submitting the Free Application for Federal Student Aid (FAFSA). Students are encouraged to list Rogers State University (Code #003168) as one of the schools to which information should be released. Doing this will enable the Financial Aid Office to receive output from the FAFSA electronically.

The FAFSA should be processed by April 1 to be considered for aid from all available programs for the following fall term. Applications received after April 1 will be considered for available funds.

Maintaining satisfactory academic progress as defined by Rogers State University is a requirement for continued eligibility for all programs.

Return of Title IV Funds Policy

The Higher Education Amendments of 1998 changed the formula for calculating the amount of aid a student and school can retain when the student withdraws from all classes. Students who withdraw from all classes prior to completing more than 60 percent of an enrollment term will have their eligibility for aid recalculated based on the percent of the term completed. For example, a student who withdraws after completing only 30 percent of the term will have “earned” only 30 percent of any Title IV aid received. The school and/or the student must return the remaining 70 percent. The Financial Aid Office encourages you to read the Return of Title IV Funds Policy carefully. This policy is available in the Financial Aid Office.

If you are thinking about withdrawing from all classes PRIOR to completing 60 percent of the semester, you should contact the Financial Aid Office to see how such a withdrawal will affect your financial aid.

Satisfactory Academic Progress Financial Aid Procedures

Federal regulations (CRF 668.16) require that a student maintain satisfactory academic progress in the course of study being pursued, according to the standards and practices of the institution in which he/she is enrolled, in order to receive aid under the Higher Education Act. These programs at RSU include Federal Pell Grant, Federal Work-Study, Federal Supplemental Educational Opportunity Grant, Oklahoma Tuition Aid Grant, FFEL Stafford Loans (subsidized and unsubsidized), and the Federal Plus Loan Program.

Rogers State University has also adopted the following (Title IV) Satisfactory Academic Progress Policy to govern its institutional-based financial aid. These programs include, but are not limited to: institutional student work, tuition waivers,
room waivers, etc.

Students are urged to become familiar with this policy.

I. QUALITATIVE AND QUANTITATIVE REQUIREMENTS

A. Both qualitative and quantitative standards for satisfactory academic progress shall be applied uniformly to ALL students whether or not the student has previously participated in Title IV programs.

B. In order to satisfy both qualitative and quantitative requirements, ALL students must satisfy the following described minimum standards:

<table>
<thead>
<tr>
<th>Hours attempted</th>
<th>1-30</th>
<th>31 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative G.P.A.</td>
<td>1.70</td>
<td>2.00</td>
</tr>
<tr>
<td>Percentage of total hours successfully completed</td>
<td>75%</td>
<td></td>
</tr>
</tbody>
</table>

C. For financial aid purposes, grades of F, AW, W, N, NP, AU, I, and U shall be considered hours ATTEMPTED. However, these are NOT considered hours satisfactorily completed.

D. Cumulative grade point average (calculated by University Registrar) and hours attempted (calculated by the Financial Aid Office) shall be used in determining a student’s eligibility to participate in the Title IV programs.

II. TRANSFER AND CONTINUING STUDENTS

A. ALL transfer students entering Rogers State University and ALL continuing RSU students who apply for financial aid for the first time must meet the minimum qualitative and quantitative requirements described in A and B above in order to receive federal aid.

III. EVALUATION INCREMENT PERIOD

A. ALL students participating in the Title IV programs will be evaluated at the end of EACH semester (summer school included, if applicable) to determine if satisfactory academic progress is being maintained.

IV. FINANCIAL AID PROBATION AND SUSPENSION

A. In the event a student fails to meet minimum acceptable standards, as described in the table above, he/she will be placed on financial aid probation for the subsequent semester, during which time the student may continue to receive Title IV assistance.

B. If at the end of the probationary semester the student fails to meet minimum criteria, he/she will be suspended from participating in ALL Title IV programs and must attend WITHOUT benefit of Title IV assistance until such time as eligibility is re-established.

C. In addition, any student receiving Title IV assistance who, during any semester, completes less than ONE-HALF the minimum number of hours in which he/she enrolls [e.g., full-time enrolled: must complete at least six (6) hours; three-quarter time enrolled: must complete at least five (5) hours; half-time enrolled: must complete three (3) hours] will be automatically suspended from participation in the Title IV programs for the subsequent semester AND until such time as the student regains eligibility by meeting the minimum standards described above.

V. REESTABLISHING ELIGIBILITY

A. A student may reestablish eligibility to participate in the Title IV programs by completing sufficient hours during that same academic year to meet both qualitative and quantitative standards in the applicable category as described in the table above.

VI. APPEAL OF FINANCIAL AID SUSPENSION

A. Students who are denied financial aid may appeal the decision if there are extenuating circumstances.

EXTENUATING CIRCUMSTANCES INCLUDE BUT ARE NOT LIMITED TO: DEATH IN FAMILY, ILLNESS, AND HOSPITALIZATION.

B. The appeal must be submitted in written form within two (2) weeks of notification and addressed to: Financial Aid, Rogers State University, 1701 W. Will Rogers Blvd., Claremore, OK, 74017-3252, explaining in detail the extenuating circumstances. The student is advised to provide supporting documentation. The Financial Aid Office may request specific documentation of the reasons stated in the student appeal.
C. Upon review of the appeal, the Financial Aid Office will notify the student, in writing, of the decision. All decisions are final.

VII. LIMITATION OF STUDENT ELIGIBILITY

A. ALL students enrolled in a degree program may attempt 150% of the hours required in pursuit of the degree: two-year degree - 98 hours; four-year degree - 189 hours.

B. Students changing majors will be required to complete a Change of Degree form and submit this change of degree request to the Financial Aid Office for final approval.

C. Students in pursuit of a second degree must complete a Change of Degree form and submit this second degree request to the Financial Aid Office for final approval.

VIII. STUDENT RESPONSIBILITY

A. Students will be held responsible for knowing their eligibility status at the end of each semester. If in need of assistance, students may contact the Financial Aid Office for counseling or verification of eligibility.

### Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Academic Year</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>24 hours</td>
<td>12 or more hours</td>
</tr>
<tr>
<td>Three-quarter time</td>
<td>18 hours</td>
<td>9-11 hours</td>
</tr>
<tr>
<td>Half-time</td>
<td>12 hours</td>
<td>6-8 hours</td>
</tr>
</tbody>
</table>

### Grants

A grant is a type of financial assistance that is not required to be repaid.

**Federal PELL**—The Pell Grant is a federally sponsored program, which is offered to students enrolled in three or more hours. It is limited to the full-time equivalent of five academic years of study.

**Federal SEOG**—The Supplemental Educational Opportunity Grant is a federally sponsored needs-based program designed to provide additional assistance to students.

**OTAG**—Oklahoma Tuition Aid Grant is a state-sponsored needs-based program designed to help pay tuition costs. To be eligible, a student must be enrolled in at least six hours and be a resident of Oklahoma. An application can be made by completing the Free Application for Federal Student Aid.

Oklahoma Higher Learning Access Program (OHLAP) – OHLAP is a program administered by the Oklahoma State Regents for Higher Education that covers general tuition costs. Students whose family income does not exceed $50,000 are eligible if they apply during their eighth, ninth, or tenth year of high school. This program has other specific requirements during high school and thereafter that must be met to remain in the program. Further information can be obtained from the Oklahoma State Regents for Higher Education at (405) 524-9160 or high school counselors.

**BIA**—This grant is made available to Native American students with a Certificate of Degree of Indian Blood (CDIB) card. Forms for obtaining a CDIB card, BIA Higher Education Grant, and BIA Higher Education Grant renewal are available at local tribal offices. Applicants are normally required by the BIA to submit the FAFSA (Free Application for Federal Student Aid).

### Loans

A loan program allows students to borrow money to help pay for their college education. This money must be repaid.

**Federal Plus**—The Plus Loan is available to parents of a dependent student and is not need-based.

**Federal Stafford** (subsidized/unsubsidized)—The Stafford Loan Program is available to students enrolled at least half-time with need as determined from a needs analysis. Borrowers who drop below six hours during the semester may not be eligible to receive a disbursement the following semester.

**Federal Work Study**

**FWS**—The Federal Work Study Program is a federally sponsored needs-based program that provides wages for part-time work on campus to help pay college expenses.

**Vocational Rehabilitation**

The Department of Rehabilitative Services (DRS) of Oklahoma offers payment of tuition and other services to students who have substantial employment handicaps, provided the vocational objective selected by the student is approved by a representative of the division. Information may be obtained from the Vocational Rehabilitation Office located at 24797 S. Highway 66, Suite 5, Claremore, OK 74019, (918) 341-8122.

**Veterans Services**

Rogers State University is fully certified by the Oklahoma State Accrediting Agency to the Veterans Administration as an approved training institution. Rogers State University maintains a full-time Veterans Affairs Office for the convenience of veterans and their dependents. Through this office, veterans and their dependents can receive information about educational benefits available under the Title 38 United States Code. Students may receive information and
applications on these programs by contacting the Veterans Coordinator at (918) 343-7523 or by visiting the Veterans Affairs Office located in Markham Hall.

**Tribal or BIA Higher Education Scholarship Grants Eligibility**
These grants are made available to Native American students with a Certificate of Degree of Indian Blood (CDIB) card.

Each tribal or BIA agency has its own policies and procedures in regard to its scholarship program(s). Agency listings are available in the counselor’s office.

Grants are available to students who have a Certificate of Degree of Indian Blood (CDIB) issued to them by their tribal (BIA) agency. Applicants must be accepted or enrolled in an accredited college or university and should complete a Financial Aid packet as soon after January as possible for the next academic year. These funds are considered to be supplemental in nature. That is, each applicant will strive to obtain financial support from other sources in combination with tribal or BIA Higher Education Scholarship Grants. Grants are based on financial need or PELL eligibility.

Students who withdraw, whether officially or unofficially, may be suspended from the scholarship grant program(s) unless they can show just cause why withdrawal was necessary. (Check with the funding agency on its policy. Some are more rigid than others.)

Scholarships or grants are not automatically renewed. Each should be renewed shortly after January 1 for the next academic year. (Check with the appropriate agency for deadlines. There may be variations.) Cooperative linkage with tribal and BIA agencies and rapport with administrators, faculty, and staff ensure complete services to Native American students.

**Note:** Every effort is made to accurately describe programs, services, requirements, and costs. The university reserves the right to make changes and alterations in any of these areas as the need arises. Some of the programs and courses may be pending approval by the Oklahoma State Regents for Higher Education. For up-to-date information, please contact the Financial Aid Office.

**Scholarships and Tuition Waivers**
Rogers State University offers many types of scholarships based on merit. Applications are available in the Office of Enrollment Management. Early application is encouraged, with a priority deadline of March 1. Honors and President’s Leadership Class applications are due February 1. Students should also complete a Free Application for Federal Student Aid (FAFSA) by March 1. Application screening will begin in March of each year for selection into the succeeding fall semester’s class of scholars. If more than one scholarship is offered to a student, the student will receive an award for the highest amount.

1. **Tuition Waiver Scholarships**
RSU offers a wide variety of scholarships based on merit to help students defray the cost of a college education.

Merit-based scholarships at RSU are based on academic performance demonstrated by high school grades or ACT scores.

In addition to scholastic accomplishments, scholarships also are awarded on the basis of leadership potential or major area of interest. Scholarships are available for students who plan to pursue either a bachelor’s degree or an associate’s degree at RSU.

2. **Foundation Scholarships**
Rogers State University Foundation offers a variety of scholarships including endowed scholarships, Sarkeys Scholarships, Phillips Petroleum Co. Opportunity Scholarships, unrestricted scholarships, and restricted scholarships. These scholarships are funded through donations from alumni and other gifts to the RSU Foundation and vary in amount according to need and funding available.

3. **Oklahoma State Regents’ Academic Scholars Program**
The Oklahoma State Regents for Higher Education offers the Oklahoma State Regents’ Academic Scholars Program. Nominees are submitted by the President of Rogers State University based on an ACT or SAT score that falls within the 99.5 to 100 percentile levels. Also, nomination may be based on applicant’s exceptional academic achievement as evidenced by a number of factors including grade point average, class rank, national and state leadership, and other.
Student Affairs and Support Areas

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Continuing Education

Linking the community and the University, Continuing Education is designed to meet the ongoing educational and occupational expectations of the citizens of Oklahoma by providing life-long learning opportunities. Continuing Education creates opportunities for students to learn skills for current or new jobs, update knowledge, explore new fields, or enrich their lives with cultural and personal development training. Courses are designed to fulfill the needs of students of every age, economic status, and educational level. Short courses, workshops, seminars, and special offerings benefit students professionally, culturally, socially, and vocationally. Courses are easily accessible through the RSU main campus, our satellite campuses, and online at www.rsu.edu. To obtain information about Continuing Education courses or to discuss your continuing educational needs, call the School Dean of the respective area of interest.

Library Resources

Stratton Taylor Library
Stratton Taylor Library provides collections and services for all full-time and part-time students, faculty, and staff in the education programs of Rogers State University.

Hours: The library is open 85.5 hours a week:

Monday - Thursday: 7:30 a.m. – 10:00 p.m.
Friday: 7:30 a.m. – 6:00 p.m.
Saturday: 12:00 p.m. – 8:30 p.m.
Sunday: 1:30 p.m. – 10:00 p.m.

Food Service

Serving hours for all food service facilities will be displayed at the Café at the RSU Student Union and will be distributed to each resident student. Hours also are posted at each residence hall. A choice of nine, twelve, or fifteen-meal plans accommodates residents in the residence halls. Meal plans consist of choice of breakfast, lunch, and dinner, Monday through Thursdays; and breakfast or lunch on Fridays.

Café Hours:
Monday—Thursday: 7:30 a.m. – 7:00 p.m.
Friday: 7:30 a.m. – 3:00 p.m.

Food service is available in the Café on a cash basis to all students, faculty, and the public. The Food Service main number is (918) 343-7843. The Café main number is (918) 343–7846.

Coffee Bar - The coffee bar is located on the second floor of the Stratton Taylor Library.

Coffee Bar Hours:
Monday - Thursday: 8:00 a.m. – 9:00 p.m.
Friday: 8:00 a.m. – 5:00 p.m.

Campus Police

The Rogers State University Campus Police enforce federal and state laws along with traffic and parking regulations. They maintain crime records, accident information, and issues of student conduct for the campus. The Campus Police Station is located behind the Foundation Alumni Center at the north entrance of the RSU campus. Policies and regulations have been developed for the safety and convenience of everyone on the Rogers State University campus. A complete guide for student conduct policies can be found in the Student Code. For more information, contact the Campus Police Office at (918) 343-7624.

Athletics

In 2005, RSU added intercollegiate athletics to campus. The RSU athletics program is dedicated to developing student athletes who are successful not only on the field, but also in the classroom. Through athletic competition, our student athletes will develop skills necessary to succeed in life – teamwork, leadership, character, integrity, and discipline.

The University currently competes as a member of the National Association of Intercollegiate Athletics (NAIA) in baseball and softball. RSU expects to add additional men’s and women’s sports in the near future, including men’s and women’s basketball during the 2007-2008 academic year.
RSU also fields a competitive rodeo team, which participates as a member of the Central Plains region of the National Intercollegiate Rodeo Association.

In 2006, the University named its first athletic director and men’s basketball coach. RSU recently unveiled its new mascot – the Hillcat, a unique blue and crimson animal that is a source of campus pride and spirit and provides a visual identity for the University. The Hillcat serves as a brand and visual rallying point for the University as a whole, including its academic, alumni, and athletic programs. The Hillcat is a fictitious cousin of the bobcat, which is indigenous to northeast Oklahoma. The Hillcat also draws its name from “College Hill,” a traditional nickname for RSU. The University sits atop a hill overlooking the city of Claremore.

*The Hillcats are on the prowl, creating a tradition for tomorrow.*

**Student Affairs**

The mission of the Rogers State University Student Affairs division is to provide students with the opportunity to meet their academic goals by fostering an environment that is conducive to the learning process. Part of this mission is to enable and encourage each student to participate in accessible co-curricular learning experiences. These experiences can help provide avenues for personal enhancement, leadership development, civic engagement, community service, critical thinking, social expression, organizational involvement, health and wellness programming, and cultural enrichment.

**The Career Center**

Rogers State University’s Career Center, located in the Student Union, is designed to maximize student efforts in setting and achieving career goals. Career guidance is offered in areas of career exploration, career planning, and job search strategy. Computerized testing, literature, magazines, reference books, videos, and other information are available for student use. Guidance in preparing resumes and career portfolios is available as well as information about companies, government agencies, and nonprofit organizations. Students may search for current job openings on RSU’s job board at www.collegecentral.com/rsu. There they may also upload their resume for employers to view. The Career Center also coordinates career fairs and provides workshops that encompass job search readiness skills such as interviewing, preparing resumes and cover letters, and job search techniques. All services are provided for current and graduating students as well as alumni.

**Student Health Center**

The Student Health Center (SHC) provides services to students for consultation, assessment and treatment of minor injuries and illnesses, and personal counseling.

**Student Counseling**

Student counseling is provided to Rogers State University students through the Student Health Center. On-campus counseling services are provided at no cost. Services provided include confidential individual and group counseling. Additionally, the Counseling Center offers a variety of proactive workshops designed to help students with topics ranging from stress management to study skill development. Referrals off campus are provided through Grand Lake Mental Health Center. For an appointment or schedule of upcoming workshops, contact the Counseling Center at 343-7614.

**Health Insurance**

Health and accident brochures may be obtained that provide many options for coverage and premium fees through the Student Health Center.

**The Wellness Center**

The Wellness Center is Rogers State University’s health promotion and fitness center located on the first floor of the Bushyhead Fieldhouse. This 4,000-square-foot facility offers the equipment and staffing to serve the fitness needs for the entire campus. Renovations of the fieldhouse are ongoing to further enhance and provide the amenities of a first-rate wellness facility. The Wellness Center has aerobic equipment, strength training machines, and free weights along with a full-size basketball court.

In addition, the Wellness Center offers intramural sports and various fitness and sports activity classes that have included: cardiovascular and weight training, beginning tennis, and beginning golf. The center also has a ROPES Challenge course. For more information, call 343-7894.

**RSU Child Development Center**

The Child Development Center, for children of students, faculty, staff, and the general public, is conveniently located on the RSU campus. The structured preschool curriculum is age appropriate and designed to help developing children learn a variety of intellectual, social, physical, and emotional skills while having fun. Preregistration is necessary as space is limited. A one-time $25.00 registration fee is required upon enrollment, and tuition is collected weekly. Daily drop-ins are welcome for preregistered children with a 24-hour notice. The center is open Monday through Friday, 7:00 a.m. to 6:00 p.m. For more information about enrollment and tuition rates, call 343-7863.

**Student Conduct**

Rogers State University is committed to fostering an educational environment where students can freely engage in the learning process and pursue opportunities for personal and social development. Admission to RSU constitutes a student’s acceptance of the terms and conditions stated in The Student Code. The Student Code describes the obligations
and responsibilities that govern student behavior and conduct as an RSU student. The Student Code also explains the rights and the privileges that are afforded to students attending this University. RSU offers a variety of programs and services to our students to ensure that they have the resources and the information they need to succeed. The Student Code can be found on the RSU website and questions regarding its content may be addressed through the Office of Student Affairs.

Identification Cards and Parking Permits
Students are required to have an identification card and a parking permit. Parking permits enable students to park their vehicles on University property. Parking permits are available in the Office of Campus Police. Student identification cards are necessary for admittance to all college-sponsored functions and are used for identification in the bookstore, library, business and registrar’s offices, in student elections, and by Campus Police. Student identification cards are made during enrollment periods in the Office of Student Affairs located in the Student Union.

Residential Life
The Residential Life program at Rogers State University is designed to be a challenging, respectful, and positive experience for college students. To serve the needs of the student body, there are two distinct living facilities: student apartments and family apartments. The luxury student apartments for traditional residential living are conveniently located, affordably priced, and community oriented. The family apartments combine the convenience and security of on-campus living with the family-friendly setting our students desire.

For a housing application, as well as information on contract terms, living arrangements, eligibility, and activities/organizations for residential students, visit the Office of Residential Life, or call (918) 343-7789.

Student Activities and Organizations
Rogers State University supports and encourages participation in campus organizations and student activities. These activities and organizations enhance student life socially, physically, spiritually, and intellectually. Student Activity programming is intended to provide opportunities for personal growth and development, opportunities to become involved in the Rogers State University campus community, and opportunities for academic growth and enrichment through such activities as lectures, films, or fine arts events.

The Student Union is the focal point for student activity on the Rogers State University campus. Table games, a study area, and a television lounge are available in the Student Union. The Café and University Bookstore are also located in the Student Union. Discounted goods and services are offered for students. For more information on these items, please contact the Student Activities Office at (918) 343-7579.

RSU Clubs and Organizations
- ABC - Association of Black Collegians
- Accounting Society
- Alpha Chi National Honor Society
- Alpha Sigma Tau Sorority
- American Red Cross
- AMSA - American Medical Student Association
- BCM (Baptist Collegiate Ministries)
- Biology Club
- Campus Crusade for Christ
- Chi Alpha
- College Democrats
- College Republicans
- Dead President’s Society
- EMSSA (Emergency Medical Services Student Association)
- Golf Club
- International Student Union
- NASA (Native American Student Association)
- Non-traditional Student Organization
- Oklahoma Broadcasting Education Association
- OIL (Oklahoma Intercollegiate Legislation)
- Pi Kappa Alpha Fraternity
- PLC - President’s Leadership Class
- Pro Historia Medium Aevum
- Psychology Club
- Psi Chi (Psychology Honor Society)
- SAB - Student Activities Board
- SBA - Student Broadcasting Association
- SGA (Student Government Association)
- SIFE (Students in Free Enterprise)
- SNA (Student Nurse Association)
- Spanish Club
- Student Art Association
- Student Theatre Drama Association
- Trio Programs

For more information, call Student Affairs at 343-7579. Calendar of Events is located at www.rsu.edu
Students with Disabilities

Rogers State University is committed to providing services and support for all students that facilitate the attainment of academic and personal goals. In accordance with federal and state laws, students who appropriately document their disabilities with the University are entitled to reasonable and appropriate educational accommodations. They are also ensured equality of opportunity in regard to University-based or sponsored employment, activities, programs, or other educational opportunities. The University does not alter or modify an academic course in any manner that would fundamentally alter the nature or rigor of the course. The Office of Student Affairs is designated to register and assist any student with a “qualified” cognitive, physical, health-related, or psychological disability. It is the responsibility of any student who requires a disability-related accommodation to initiate that request and to follow the procedures summarized here:

1. Self-identify to the Office of Student Affairs. Students receiving services are instructed to identify themselves to their respective faculty if their academic needs will directly affect the classroom environment.

2. Provide appropriate documentation* of disability(ies) for which the student is requesting educational accommodation.

*Appropriate documentation is information that is reasonably current, on letterhead, provided and signed by a person with relevant licensing or credentials, clearly states the nature and extent of the disability(ies), describes the diagnostic procedures used, and makes recommendations for assistance.

3. Make an official request for specific accommodation(s) in writing. A written request must be made each semester.

4. A determination is then made concerning the request using the standard of “reasonable accommodation” and, if applicable, “undue hardship.”

5. The Office of Student Affairs then coordinates the approved services with the appropriate offices and persons, informs the student of his or her status, and outlines any additional instructions the student should follow.

6. Students who are denied a particular accommodation and/or provided an alternative can request within a certain time frame the opportunity to appeal that determination.

Special Programs

Student Support Services

Student Support Services (SSS) is a federally funded program committed to meeting the needs of targeted degree-seeking students. The program’s objectives are to improve the retention and graduation of student participants. SSS provides a supportive environment where students will have their academic, career, and personal needs met.

To qualify for Student Support Services, a student must be admitted to Rogers State University and need academic support. In addition, the student must belong to one of the following groups:

- First-generation college student (neither parent has a four-year college degree)
- Financially disadvantaged (determined by federal guidelines)
- Documented disability

To receive assistance from Student Support Services, a student must:

1. Complete a Student Support Services application;
2. Provide current income verification;
3. Provide appropriate disability documentation as required;
4. Meet with an SSS counselor to discuss appropriate services.

The following Student Support Services are FREE to eligible students:

- Academic advisement, degree planning, enrollment assistance
- Career Counseling ACT DISCOVER
- Tutorial assistance - weekday tutoring available
- Electronic filing of financial aid
- Cultural events
- Referrals to campus and community resources
- Internet access
- Workshops on:
  - Stress management
  - Study skills
  - Note taking
  - Goal setting
  - Test-taking skills
  - Computer skills
  - Career information
  - Other helpful topics
- Computer lab
- Scholarship information
- Assistance with planning and pursuit of associate or baccalaureate programs at institutions of higher education.

You must be a U.S. citizen or have a permanent alien resident card to be eligible to join Student Support Services.

Academic need is defined in Department of Education 34 CFR Part 646.
Upward Bound
The Upward Bound Project is a program designed to assist eligible youths with academic potential to complete their secondary education and successfully pursue a post-secondary education. Students attend Saturday meetings and full summer sessions at Rogers State University. To obtain information about the Upward Bound Project at RSU, call the office at (918) 343-7572.

Region VI: Environmental Science and Mathematics Center
The Center is a pre-college math and science program. Funded by the U.S. Department of Education, the project serves 58 ninth through twelfth grade students who are selected from Oklahoma, Arkansas, Louisiana, Texas, and New Mexico. Students selected for the program attend a six-week intensive math/science academic enrichment program on the Rogers State University campus. To obtain information about the Environmental Sciences and Mathematics Center at RSU, call the office at (918) 343-7705.

Educational Opportunity Center (EOC)
The Educational Opportunity Center is a federally funded project designed to provide information regarding financial and academic assistance available for individuals who desire to pursue a program of postsecondary education. Additionally, the EOC staff provides assistance to individuals applying for admission to institutions of post-secondary education, including assistance in preparing necessary applications for use by admissions and financial aid officers. These services are free to eligible participants. The EOC administrative office is located on the Rogers State University campus with additional outreach centers located throughout Oklahoma. For more information contact the EOC staff or the Director of TRiO Special Programs at (918) 343-7761.

Educational Talent Search Project (ETS)
Funded by the U.S. Department of Education, the ETS project is designed to provide early dropout intervention services to students in grades 6-12 and encourages students to pursue a post-secondary education upon graduation. The project provides tutoring, career development, guidance and counseling, educational and financial aid information, study skills seminars, and mentoring programs. The program serves 750 students each year at eight target high schools in Rogers, Tulsa, and Osage counties. For additional information, contact the Special Programs Division at (918) 343-7823.

Vocational Rehabilitation
The Office of Vocational Rehabilitation Services is located at 24797 S. Highway 66, Suite 5, Claremore, OK, 74019, (918) 341-8122. Any student who has a physical or developmental impairment may submit an application for services offered by this state agency.

Rogers State University Bookstore
The University Bookstore in the Student Union provides textbooks and supplies for the courses offered, except for videos for online courses. General supplies, paperbacks, stationery, and gift items are also available. Books for off-campus classes are made available at extension locations for fall and spring classes for a limited time. Students are urged to use their enrollment slips when buying textbooks.

Textbook Refund Policy
A full refund will be given the first week of class with receipt and books in original condition. After the first week of class, a full refund will be given with receipt, proof of schedule change, and books in original condition during the first 30 days of class. Original condition is the exact condition books were in when originally purchased. Shrink-wrapped books must be in original shrink-wrap; used books must be in resalable condition with all components. Refunds for summer and special course sections will be accepted for ONE WEEK ONLY after the start of class.

General Return Policy
All merchandise other than textbooks may be refunded any time with a valid receipt. Without a receipt, a merchandise credit will be issued at the current selling price. Cash back on merchandise credit will be issued at the current selling price. Cash back on merchandise credits will not exceed $5.00. Refunds will be given in original form of payment.

Exceptions: Custom course materials, outlines, study guides, magazines, and prepaid phone cards. Software must be unopened for exchange or refund. Open software may be exchanged for the identical item only.
Book Buy Back
The Bookstore is happy to buy students’ used books back every day. This is called “buy back.”

- The best time to sell your used books is during finals week.
- The bookstore will pay 50 percent of the book’s selling price if it is requested by your professors for required use next term and the bookstore is not overstocked.
- If the book does not meet this criteria, the price paid is based on the current national demand.
- Study guides and workbooks must be “like new” without any writing on their pages.
- All books must be in good condition.
- Some books have little or no monetary value. Out of print books and old editions are not in demand and can’t be bought back.

Please remember: For the protection of the students on campus, the bookstore always requires students selling books to show current student identification.

Student Success and Retention

Rogers State University Learning Resources and Retention Services
The RSU Learning Resources and Retention Services provide instruction and academic support to Rogers State University students and prospective students. These services are designed to prepare students for success in college as well as the workforce. A variety of educational opportunities are available.

Testing Center
Several forms of testing are available in the RSU Testing Center. Assessments required for course placement at RSU are offered. These assessment tests include the ACT residual test and the ACT Compass test. In addition, staff members provide proctoring services for distance learning, independent study, and online classes. Many instructors also utilize the Testing Center facilities for specialized testing situations.

Developmental Studies
Through the academic departments, but within the structure of its own program, Developmental Studies offers courses designed to assist students in building and incorporating skills needed to be successful in college level coursework. Each course in the program provides individualized, multimedia approaches to improving the basic skills needed for academic success in reading, math, writing, and science.

Computerized Learning Laboratory
The RSU Learning Laboratory is available to all RSU students and is designed to provide a variety of computer-assisted instructional and tutorial materials that support academic instruction. Word processing software is also available in the learning lab, and students are invited to use this software for homework assignments. The Learning Laboratory computers also offer full Internet access. Tutors are on hand during lab hours to assist with computer problems as well as study questions.

Tutoring Services
RSU provides academic support to students who need assistance with developmental courses through individual and small group peer tutoring. Tutors are available during lab hours as well as by appointment to help with math, writing, reading, and science.

Tutoring is also provided in the academic areas for specific classes. See the respective Department Head for details.

Adult Basic Education
Rogers State University, in cooperation with the Oklahoma State Department of Education, provides individuals 16 years of age and older the opportunity to increase their basic academic skills and/or prepare for the GED examination. Daily and evening classes are available. Classes are free of charge to Oklahoma residents. Contact (918) 343-7545 for the class schedule.

Project ASPIRE
Project ASPIRE is a cooperative program involving the Oklahoma State Regents for Higher Education and the Oklahoma Department of Human Services. It is designed to serve economically disadvantaged students planning to enter the workforce. Eligible students participate in Adult Basic Education and employment skills training based on their individual needs and goals. Contact (918) 343-7728 for more information.
Academic Information

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General Information

Academic Year
The academic year consists of two semesters, August through December and January through May, and a summer session in June and July, with Intersession classes between semesters.

Semester Hour
A semester hour consists of one class period per week in a subject for one semester, with the exception of laboratories, practicums, or activity classes in which two periods per week is a semester hour. In the summer session, the period of class contact per semester hour is doubled. It is the University’s policy that each semester hour represents 16 faculty-student contact periods per term, or 32 hours of regularly scheduled laboratory or other formal course activity per term.

Course Numbering System
Courses are numbered to indicate the degree of advancement. The first digit indicates level of study; 1000 freshman level; 2000 sophomore level; 3000 junior level; and 4000 senior level. In general, courses numbered lowest are those that should be completed first. The last digit of the course number indicates the amount of semester credit hours awarded for the course. For example, ENGL 1113 is a freshman level, three-hour course.

Students with less than 45 credit hours are encouraged not to enroll in 3000 and 4000-level courses. Second semester sophomores may take 3000-level or 4000-level courses with caution.

All students who enter Rogers State University must enroll in the appropriate composition courses and remain enrolled continuously until the composition sequence or the equivalent is complete. Students should complete their general education math course within the first 45 hours. Students should complete all general education requirements within their first 60 hours.

Academic Load
The maximum load that an undergraduate student will normally be permitted to carry is 18 hours during fall and spring semesters, and nine hours during the summer term. Students attaining a retention/graduation grade point average of 3.0, and having completed a minimum of 15 semester hours, will be permitted to enroll in a maximum of 24 hours during fall and spring semesters and 12 hours during the summer term.

A student exceeding the maximum load, up to but not more than 21 hours for the fall and spring semesters and 12 hours for summer term, must have permission of the Department Head and the Dean of the School within which the student is majoring. A student wishing to carry an academic load in excess of 21 hours must have the permission of the Vice President for Academic Affairs.

The Office of the Registrar will provide verification that the above criteria have been satisfied.

In the event of dual enrollment by a student at more than one institution, the preceding load limits apply to all college courses in which the student is enrolled.

Program of Study
A major is a set of courses in a student’s declared area of primary academic study that, when accompanied by appropriate supporting courses, leads to a degree. The bachelor’s degree is based on a minimum of 30 semester hours credit in the area of specialization. A major in an associate’s degree has a minimum of 60 semester hours of credit. Majors are recorded on the student’s permanent record. The requirements for a major are specified in the Bulletin in effect at the time of the student’s initial continuous enrollment at Rogers State University or an Oklahoma educational institution governed by the Oklahoma State Regents for Higher Education.

Specific courses are required for the major, but electives may be selected from a range of alternatives prescribed by the department. Some majors have options. An option area includes specified courses that provide a coherent group of courses within a major. Option areas for majors are recorded on the student’s permanent record.

Students who are undecided on a major may enter the University as “undeclared.” Students are strongly encouraged to choose a major by the time they have completed 30 credit hours. Students may transfer from one major or minor to another by filing a “Change of Major/Minor” form available from departments.

In contrast to a major, an academic minor involves less extensive concentration in a discipline but still imposes specific requirements. An undergraduate minor is a specific set of courses in a subject area or academic discipline. A minor alone does not lead to an academic degree, but may be required by some majors. A minor differs from an option area in that a minor is not a coherent group of courses within the student’s major. The requirements for a minor are specified in the Bulletin in effect at the time of the student’s initial full-time enrollment at Rogers State University. Minors are recorded on the student’s permanent record.

When applicable, no more than a single course (up to four hours) may apply toward general education requirements in either a major or a minor without additional courses being required in that major or minor. In such a case, the major or minor requirement and the general education requirement will be considered met, the credit hours toward graduation, however, count only once.
When a course can be counted toward both the major and the minor, that course must be replaced with a course from one of either of the two areas and must be at the same or higher level.

When an Associate Degree Candidate (AA/AS/AAS) has accumulated 30 hours, or a Bachelor Candidate (BA/BS/BIT) 60 hours, the student, in conjunction with his/her advisor, should request a General Education Check from the Registrar. To complete a major or a minor from RSU, students must meet all requirements and pass all courses required by the school and department from which they select a major or a minor. These requirements vary and are specifically stated in the section of this Bulletin that summarizes each academic department’s offerings including its major and minor programs.

Each undergraduate student is strongly encouraged to work closely with his or her assigned advisor in selecting General Education courses, major and minor offerings, and elective courses from other disciplines. However, students must bear primary responsibility for their program. It is the student’s responsibility to understand general education and program requirements.

Credit and Grading

Classification
Freshman ......................... Less than 30 semester hours
Sophomore ....................... 30 – 59 semester hours
Junior ............................. 60 – 89 semester hours
Senior ............................. 90 semester hours or more
Special Student.................... To be classified as a “Special Student,” one or more of the following criteria must be met:
• Admission as Special Non-Degree seeking student.
• A concurrent high school student.
• Taking courses for enrichment.
• Upgrading job skills.

Note: Classifications do not include zero-level courses.

Transfer Policies

Public Colleges and Universities
If you decide to transfer to a four-year university from within the state of Oklahoma with an Associate in Arts or Associate in Science degree (two-year degrees), State Regents’ policy guarantees that your associate degree will satisfy all freshman and sophomore general education requirements at the four-year university. If you transfer to another college before you complete an associate degree, you will receive general education credit for courses that match those at the college you wish to attend.

All undergraduate degrees, except for the Associate in Applied Science, require that you take a minimum of 41 hours of required courses in English, literature, math, science, history, and the arts.

Out-of-State Transfers
If you are transferring to RSU from a school outside the state of Oklahoma, only courses where a grade of “C” or better was earned will be considered for use in meeting degree requirements.

Requesting RSU Transcripts
• Academic transcripts may be obtained from:

Office of Enrollment Management
1701 W. Will Rogers Blvd.
Claremore, OK 74017

Monday through Friday during regular business hours
(8:00 a.m. – 5:00 p.m.).
• You may request a transcript by mail, by fax, or in person.
• Transcripts are furnished FREE.
• Call 918-343-7799 for more information.

Official Transcripts
Each request for an official transcript must include a photocopy of a picture ID with the student’s signature, in accordance with federal legislation. Because of confidentiality concerns, telephone and email requests cannot be honored for personal transcript requests.

Transcripts of most recent semester records are available* after grades have been posted.

*Official transcripts are available immediately following completion of end of semester procedures. Degrees will be verified and conferred at this time.

Most grades are posted to official transcripts approximately 10 days after the last day of final examinations.

NOTE: If you currently have outstanding financial obligations to the University, your transcript request will not be processed until such obligations have been satisfied through the Bursar’s Office, 918-343-7558. If there are any types of holds, academic or financial, transcripts will not be released until the holds have been cleared.

An official transcript may be requested:
• By mail
• By fax
• In person
How to Order a Transcript by Mail or Fax:
When ordering a transcript by mail (1701 W. Will Rogers Blvd., Claremore, OK 74017) or by fax (918-343-7595), you must furnish documentation containing the following information:

- Printed full name (NOTE: Students using more than one name during the academic period MUST furnish a complete list of these names in order to avoid delays.)
- Written Signature
- Student ID number or Social Security number
- Date of birth
- Date(s) of attendance at the University and/or graduation date
- Number of transcripts requested
- Address(es) where transcripts are to be mailed and the number of copies to each address (if applicable).
- Phone number and address to contact in the event more information is needed.

**LEGIBLE COPY OF PHOTO ID WITH A SIGNATURE** – A transcript cannot be processed without proper documentation. This must be an original signature. Computer generated signatures are not sufficient to meet federal legislation.

An official transcript with no holds will be mailed in response to all mail and fax requests within three to five working days upon receipt of a completed request containing the above information (including SIGNATURE).

How to Order a Transcript In Person:

- When ordering a transcript in person, you must complete the request form obtained in the Office of Enrollment Management.
- The official transcript with no holds may be picked up in person at the Office of Enrollment Management. Photo ID is required.

Unofficial Transcripts

- Unofficial transcripts are available from 8:00 a.m. – 5:00 p.m., Monday through Friday, in the Office of Enrollment Management.
- Students must present photo identification (RSU Student I.D. or Driver’s License) to receive all transcripts.
- There is no charge for this service.

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**Grading Policy and Grade Point Calculations**

**Definitions of Grading Terms**
In accordance with the Oklahoma State Regents for Higher Education Grading Policy, the following types of grading entries with respective definitions will be used for institutional transcript notations:

A. **Grades Used in the Calculation of Grade Point Average (GPA)**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Note</th>
<th>Grade Point Per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0</td>
</tr>
</tbody>
</table>

B. **Other Symbols**

- I An Incomplete grade may be used to indicate that additional work is necessary to complete a course. It is not a substitute for an “F,” and no student may be failing a course at the time an “I” grade is issued. To receive an “I,” the student should have satisfactorily completed 70 percent of the course for the semester but be unable to complete the remaining work due to extenuating circumstances. In order for an “I” to be awarded, a contract, signed by the student and faculty member, must be on file in the Office of the Registrar. If the contract is not fulfilled within the allotted time frame, the instructor has the option of allowing the “I” to stand or awarding an “F.” An “I” is GPA neutral.

- AU Audit status is used for the student not interested in obtaining a course grade, but who is enrolled simply to gain course information. An “AU” is GPA neutral. The allowable time to change an enrollment status from audit to credit or credit to audit is within the first ten class days of a regular semester or within the first five days of the summer term. Students changing their enrollment status from audit to credit must meet institutional admission/retention standards.

- N Used to indicate that the instructor did not submit the semester grade to the Registrar by the appropriate deadline. The “N” must be replaced by the appropriate letter grade prior to the end of the subsequent semester. An “N” is GPA neutral.
W Withdrawals transacted during the first ten days of a regular semester or during the first five days of a summer term will not be recorded on the student transcript. A “W” will be recorded on the transcript for all withdrawals occurring during the third through the twelfth week of a regular (fall or spring) semester and during the second through sixth week of a summer term. No course withdrawals, including complete withdrawals, are permitted during the last four weeks of the regular term or the last two weeks of the summer term. These deadlines are for regularly scheduled full-term courses. All other courses will have proportional withdrawal timelines. A “W” is GPA neutral.

Students cannot be graded with a “W” unless they have initiated a withdrawal during the proper date guidelines as listed above.

AW Administrative withdrawal may be assigned by the Office of Academic Affairs to indicate that a student has been “involuntarily” withdrawn from class(es) after the institution’s drop-and-add period for administrative, disciplinary, or financial reasons. Such withdrawals must follow formal institutional procedures. An “AW” is GPA neutral.

P The “P” grade is neutral indicating minimal course requirements have been met and credit has been earned. It may also be used to indicate credit earned through advance standing or CLEP examinations. Although the “P” grade is neutral, it is counted in the total number of attempted hours for retention and the total number of attempted and earned hours for graduation.

NP The “NP” grade is neutral and indicates that a student did not meet minimum requirements in a course designated for P/NP grading. Although the “NP” grade is neutral, it is counted in the total number of attempted hours for retention and the total number of attempted and earned hours for graduation.

C. Grade Point Averages
The retention/graduation GPA is used to determine a student’s eligibility to remain enrolled or graduate from an institution. Activity courses and forgiven course work are not calculated in the retention/graduation GPA.

The cumulative GPA includes grades for all course work, including activity courses and forgiven course work. This GPA may be used for financial aid or eligibility for graduation honors.

Remedial courses, audited courses, and courses in which the grades of I, W, AW, P, NP, or N are given are not calculated in the retention/graduation or cumulative GPAs.

D. Remedial Courses
Remedial courses are pre-college courses designed to prepare students for collegiate-level course work. Thus, remedial courses are to be coded as zero-level, and collegiate-level credit may not be awarded for the completion of such courses. Remedial courses are graded with letter grades. Regardless of the grades awarded, remedial courses are not calculated in the retention/graduation or cumulative GPAs.

Reporting Academic Standing

A. Retention Standards and Requirements
Each student’s transcript will list the student’s current retention/graduation GPA and will denote each semester when a student is placed on academic probation or is academically suspended from the institution.

B. Academic Forgiveness Provisions
Circumstances may justify a student being able to recover from academic problems in ways that do not forever jeopardize his/her academic standing. The student’s academic transcript, however, should be a full and accurate reflection of the facts of the student’s academic life. Therefore, in situations that warrant academic forgiveness, the transcript will reflect all courses in which a student was enrolled and in which grades were earned, with the academic forgiveness provisions reflected in such matters as how the retention/graduation GPA is calculated. Specifically, for those students receiving academic forgiveness by repeating courses or through academic reprieve, the transcript will reflect the retention/graduation GPA excluding forgiven courses/semesters. The transcript will also note the cumulative GPA, which includes all attempted regularly graded course work.

Academic forgiveness may be warranted for currently enrolled undergraduate students in three specific circumstances:

1. For pedagogical reasons, a student will be allowed to repeat a course and count only the second grade earned in the calculation of the retention/graduation GPA under the prescribed circumstances listed below;

2. There may be extraordinary situations in which a student has done poorly in up to two semesters due to extenuating circumstances that, in the judgment of the appropriate institutional officials, warrant excluding grades from those semesters in calculating the student’s retention/graduation GPA; and
3. A student may be returning to college after an extended absence and/or under circumstances that warrant a fresh academic start.

Students may seek academic forgiveness utilizing the following institutional procedures. **A student may receive no more than one academic reprieve in his/her academic career.** The repeated courses provision may be utilized independent of reprieve within the limits prescribed below. All institutions conform to the “repeated courses” forgiveness provision.

1. **Repeated courses**

All State System institutions are required to offer the repeated courses provision.

A student shall have the prerogative to repeat courses and have only the second grade earned, even if it is lower than the first grade, count in the calculation of the retention/graduation GPA, up to a maximum of four (4) courses but not to exceed 18 hours, in the courses in which the original grade earned was a “D” or “F.” Both attempts shall be recorded on the transcript with the earned grade for each listed in the semester earned. The EXPLANATION OF GRADES section of the transcript will note that only the second grade earned is used in the calculation of the retention/graduation GPA. If a student repeats an individual course more than once, all grades earned, with the exception of the first, are used to calculate the retention/graduation GPA. Students repeating courses above the first four courses or 18 credit hours of “Ds” or Fs” repeated may do so with the original grade and repeat grades averaged.

It is the student’s responsibility to notify the Office of Enrollment Management when a repeated course situation occurs, whether the original course or the repeated course was taken at Rogers State University or any other institution. If either course (original or repeated) was taken at another institution, it may be necessary for the student to obtain verification from the appropriate Rogers State University academic department that the original course and the repeated course are in fact deemed to be equivalent courses. To comply with the policy, the student should request a “Repeated Course Notification” form from the Office of Enrollment Management. This form should be filed with the Registrar as soon as a repeated course situation occurs.

2. **Academic Reprieve**

In accordance with the policies of the Oklahoma State Regents for Higher Education and Rogers State University, a student may request an Academic Reprieve if he/she meets the following guidelines:

a. The student must be currently enrolled as an undergraduate.

b. At least three years must have elapsed between the period in which the grades being requested reprieved were earned and the reprieve request.

c. Prior to requesting the academic reprieve, the student must have earned a GPA of 2.00 or higher with no grade lower than a C in all regularly graded coursework (a minimum of 12 hours) excluding activity and performance courses. This course work may have been completed at any accredited higher education institution.

d. The request may be for one semester/term or two consecutive semesters/terms. If the reprieve is awarded, all grades and hours during the enrollment period are included. If the student’s request is for two consecutive semesters, the institution may choose to reprieve only one semester.

e. The student must petition for consideration of Academic Reprieve according to institutional policy.

f. All courses remain on the student’s transcript, but are not calculated in the student’s retention/graduation GPA. Course work with a passing grade included in a reprieved semester may be used to demonstrate competency in the subject matter. However, the course work may not be used to fulfill credit hour requirements.

g. The student may not receive more than one academic reprieve during his/her academic career.

h. Academic reprieves will not be granted for students who have received a bachelor’s or higher degree from any institution.
Retention and Readmission Policies

Rogers State University, in cooperation with the Oklahoma State Regents for Higher Education, has adopted the following policy relating to retention of students pursuing undergraduate coursework. The policy combines an early notification of students experiencing academic difficulties with a gradual increase in the overall standards required for retention/continued enrollment at the University. All courses in which a student has a recorded grade will be counted in the calculation of the retention/graduation grade point average (GPA) with the exception of those courses excluded as part of the Academic Forgiveness Policy, developmental courses, and activity courses.

Definition of Terms

- **Good Academic Standing**: Any student who meets the retention requirements as set forth in this section is in good academic standing.

- **Academic Notice**: Any student with 30 or fewer credit hours, with a retention GPA of 1.7 to 1.99 will be placed on academic notice.

- **Academic Probation**: Any student whose cumulative retention GPA falls below those listed in **Retention GPA Requirements** for a given semester will be on academic probation.

    The student will remain on probation as long as he/she maintains a current term GPA of 2.0 each semester until his/her retention GPA is a 2.0. If the student does not maintain a current term GPA of 2.0, he/she will be placed on Academic Suspension.

- **Academic Suspension**: Any student who is on academic probation and who does not achieve a term GPA of 2.0 (excluding activity/performance courses) will be suspended and will not be eligible for reinstatement until one regular semester (fall or spring) has elapsed.

Retention GPA Requirements

A student must maintain a 2.0 retention GPA for the duration of his/her college experience with the exception of freshmen on academic notice. A student will be placed on academic probation if he/she fails to meet the following requirements:

<table>
<thead>
<tr>
<th>Credit Hours Attempted</th>
<th>Retention GPA Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 through 30 semester credit hours</td>
<td>1.70</td>
</tr>
<tr>
<td>Greater than 30 semester credit hours</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Any student not maintaining satisfactory progress toward his/her academic objective as indicated above will be placed on probation for one semester. At the end of that semester, he/she must have a semester GPA of 2.0 in regularly graded course work, not to include activity or performance courses, or meet the minimum retention GPA standard required above in order to continue as a student. Students not meeting either of these criteria will be immediately suspended and cannot be reinstated until one regular semester (fall or spring) has elapsed. Students suspended in the spring semester may attend, at the discretion of the University, the summer session immediately following spring suspension. However, such students may enroll only in core academic courses that meet the general education requirements or degree requirements. Only students under first-time suspension status at the University are eligible. To continue in that fall semester, such students must achieve a 2.0 semester GPA or raise their retention GPA to the required level.

*Note: All courses in which a student has a recorded grade will be counted in the calculation of the grade point average for retention purposes excluding any courses repeated or reprimed as detailed in the University’s Grading Policy, excluding remedial/developmental pre-college courses and physical education activity courses.

Suspension of Seniors: The University may allow a student with 90 or more hours in a specified degree program who has failed to meet the retention grade-point average of 2.0 or the semester GPA of 2.0 to enroll in up to 15 additional semester hours in a further attempt to achieve the retention GPA requirement. During these 15 hours of enrollment, the student must achieve a minimum 2.0 semester GPA during each enrollment or raise his/her retention GPA to 2.0 or above. This senior suspension exception can be exercised only once per student.

Readmission of Suspended Students

Students who are academically suspended from Rogers State University will not be allowed to reenter the University for at least one regular semester (fall or spring) except as provided in the suspension appeals process. Any student who has been suspended for at least one regular semester may apply for readmission to Rogers State University. The Registrar will conduct an interview with the student in an effort to determine if the conditions that led to the academic suspension have been corrected. If, in the judgment of the Registrar, the student has a reasonable chance of academic success, s/he will be permitted to reenter the University.
The following criteria will apply to all students readmitted to Rogers State University after serving at least one regular semester on academic suspension.

1. Suspended students can be readmitted only once.

2. Such students will be readmitted on probationary status and must maintain a 2.0 grade point average (GPA) each semester attempted while on probation or raise their retention GPA to the designated retention level.

3. Should a student who has been reinstated be suspended a second time from Rogers State University, he/she cannot return to the University until such time as he/she has demonstrated, by attending another institution, the ability to succeed academically by raising his/her GPA to the retention standard.

**Appeal for Immediate Readmission after Suspension**

Students who feel that they have had extraordinary personal circumstances that contributed to their academic difficulties may petition for immediate reinstatement by requesting an “Application for Suspension Appeal” from the Office of the Registrar, Markham Hall, (918) 343-7799. If, in the judgment of the Registrar and the Associate Vice President for Academic Affairs, the student has a reasonable chance of academic success, he/she will be permitted to reenter the University. If approved, the student will be reinstated for one semester on a probationary basis and must meet the retention requirements at the end of the semester for continued enrollment at Rogers State University. Should a subsequent suspension occur, the student would not be allowed to reapply until such time as he/she has demonstrated an ability to succeed academically by attending another institution and subsequently raising his/her retention/graduation GPA to meet retention requirements.

**Grade Appeals and Academic Misconduct**

To initiate a grade appeal, the student should first discuss the issue with the instructor and, if unsatisfied, then with the Dean of the School. If the matter is unresolved, the student may file a formal grade appeal request with the Dean’s office or with the Dean of Students. Policies and procedures outlining the grade appeal process are found in *The Student Code*.

## Changes and Withdrawals

**Complete Withdrawal**

To avoid charges, a student who will not, or cannot, attend the classes in which he/she has enrolled, is responsible to withdraw during the first 10 days of a regular semester, the first five days of a summer semester, or the first 1/8 of a short course by completing a “Withdrawal” or drop form*. (This must be done in person.) Withdrawals may be completed at Claremore, Bartlesville, or Pryor campuses. Students should retain a copy of the form.

*Note: Withdrawals may not be completed by phone or after the final posted date to withdraw.*

**Adding and Dropping a Course**

1. To add a class after the first week of school, the “drop/add” form must be signed by the Department Head or instructor.

2. The first ten days of a fall or spring semester, the first five days of a summer semester, or the first 1/8 of a short-term course is designated as the “drop/add” period. During the first five days of a fall or spring semester, students may add/drop/enroll in regular 16-week classes without special permission.

3. The sixth through the tenth day of the regular term, the fourth and fifth days of a summer term, or the second day of a short-term course is the Late Enrollment period. During the Late Enrollment period, a student will only be allowed to enroll in a class with permission from the Department Head or instructor.

4. No enrollment will be allowed in any course after the first ten days of a regular term, the first five days of a summer term, or the first 1/8 of a short-term course.

5. Students should retain the copy of the “drop/add” form in the Registrar’s Office after it has been signed and completed. Students will be charged 100% for courses dropped after the “add/drop” period. (The first ten days of a regular semester, the first five days of a summer semester, or the first 1/8 of a short-term course.)

A grade of “W” is issued when a student initiates a withdrawal during the allowable withdrawal period (through the twelfth week of a regular semester, the sixth week of a summer semester, or the first 3/4 of a short-term course). After the allowable withdrawal period (final date to withdraw published in the course schedule), only the following grades will be given: “A,” “B,” “C,” “D,” “F,” “P/NP,” or “I.” An “I” may be given only if the student is passing and has completed a substantial part of the course work.

**Students with a recorded grade, including a “W” or “AU,” on their transcript, will be charged for the course. A student should withdraw during the “drop and add” period to avoid charges.**

**Honor Roll Qualification**

Undergraduate students who have achieved superior academic performance are recognized by Rogers State University each semester by being named to the President’s Honor Roll or the Dean’s Honor Roll. Eligibility for this recognition is as follows:
President’s Honor Roll
For a fall or spring semester, the student must complete a minimum of twelve (12) semester hours of college-level courses at Rogers State University with a 4.0 grade-point average (no grade lower than an “A”). For a summer term, the student must complete a minimum of six (6) semester hours of college-level course work at Rogers State University with a 4.0 grade-point average (no grade lower than an “A”).

Dean’s Honor Roll
For a fall or spring semester, the student must complete a minimum of twelve (12) semester hours of college-level courses with a 3.5 grade-point average and no grade lower than a “B.”

For a summer term, the student must complete a minimum of six (6) semester hours of college-level courses with a 3.5 grade-point average and no grade lower than a “B.”

*Note: Courses graded with an “I,” “N,” or “P” are excluded from the minimum credit hours required to be considered for the honor roll.

Honor Graduates
The honors designation and requisite cumulative grade point average shall be:

<table>
<thead>
<tr>
<th>Degree Designation</th>
<th>Required GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summa Cum Laude</td>
<td>4.0</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>3.90-3.99</td>
</tr>
<tr>
<td>Cum Laude</td>
<td>3.80-3.89</td>
</tr>
</tbody>
</table>

Graduation Requirements
Bachelor’s Degree
A bachelor’s degree is an academic title granted to a student who has completed a specific course of study. The Oklahoma State Regents for Higher Education authorize degree titles. The University, a school, and a department administer programs leading to the degrees.

In conformance with the requirements established by the Oklahoma State Regents for Higher Education, the faculty at Rogers State University has established the following guidelines for a student to earn a baccalaureate degree.

1. At 90 hours a student should apply for graduation (Application for Graduation form). The deadline for completion of this Application for Graduation is November 1 for spring graduation and March 1 for summer and fall graduation.

2. Upon completion of the Application for Graduation, the student and advisor must complete a Degree Completion Plan Worksheet. Variation from the filed degree completion plan may result in delay of graduation.

3. Degrees are conferred when earned. Students who have completed all requirements, or are completing all requirements for the current term, are candidates for graduation. If students are within four hours of graduation in the spring semester and if they have preenrolled for the needed courses in the subsequent summer term, the students may participate in commencement exercises. The degree will not be awarded until all course work is satisfactorily completed.

Graduation candidates not successfully completing all required coursework within their candidacy term will forfeit any graduation fee payments and must reapply for graduation. Diplomas will be mailed approximately 8-10 weeks after the completion of the term in which all degree requirements have been completed.

Rogers State University recognizes associate and bachelor degree candidates who have demonstrated superior academic performance. Honor candidates are approved based upon the retention/graduation grade point average of all college-level course work completed the semester prior to graduation and will be recognized in the commencement program as candidates for honors. Final designation of honors will depend on all grades including the last semester and noted on the transcript. Any student with an incomplete grade (I) in any course required for graduation will not be considered for honors designation. When computing the grade point average, all courses attempted, including those at other institutions, will be considered.
4. The minimum number of semester hours required for a degree is 120. A minimum of 60 hours, excluding physical education activity courses, must be taken at a baccalaureate degree granting institution. At least 40 of the required 120 semester hours must be at the 3000-4000 level, excluding physical education activity courses.

5. Candidates for baccalaureate degrees must earn 30 credit hours in residence at Rogers State University. At least 15 of the final 30 hours applied toward the degree must be satisfactorily completed at Rogers State University. Resident credit is earned by completion of regularly scheduled RSU courses offered on campus, by interactive television, by telecourse, and by Internet. Credit earned through CLEP, AP, correspondence, DANTES, advanced standing, and continuing education is not considered resident credit.

6. Forty-five hours of extra-institutional and advanced standing credit may be applied toward a bachelor’s degree (30 in lower division 1000 and 2000-level courses, and 15 in upper division 3000 and 4000-level courses).

7. Students must earn a combined retention/graduation GPA of 2.0 in all course work attempted. No grade lower than a C will be accepted in the major or the minor. Grades lower than a C earned at an out-of-state institution cannot be accepted for a degree at Rogers State University.

8. At least one-half of the major’s credit hours must be earned at Rogers State University. At least one-half of the upper division credit hours in the major must be earned at RSU. To complete a minor, a student is required to earn six 3000-4000-level credit hours in that minor at RSU.

9. Individual departments, with the appropriate university approval, may set admission or graduation standards that are higher (but not lower) than the minimum University-wide standards. These departmental requirements can be found in the Bulletin under the degree requirements for the specific program.

10. The Rogers State University Bulletin in effect at the time of the student’s initial full-time enrollment, whether at Rogers State University or an Oklahoma educational institution governed by the Oklahoma State Regents for Higher Education, shall govern general education and degree requirements for the major and minor, provided that the student has had continuous enrollment. Continuous enrollment is defined as making significant progress toward degree completion by earning at least six hours toward the degree per semester and not being out of Rogers State University or an Oklahoma educational institution governed by the Oklahoma State Regents for Higher Education for more than one enrollment period, excluding the summer term. Students not enrolled for two consecutive semesters will return under the RSU Bulletin in effect at the time of their readmission and will be subject to any new degree requirements as established by the effective RSU Bulletin.

11. The Rogers State University Bulletin expires after seven years for students pursuing a bachelor’s degree. When that Bulletin has expired at the end of the seven-year limit, the students who have been continuously enrolled must select a subsequent Bulletin up to and including the current one.

12. Students may elect to meet the degree requirements in a Rogers State University Bulletin adopted by the University after their initial continuous enrollment, but the student will then be governed by all of the requirements of that RSU Bulletin.

13. A departure from general education courses required for graduation may be obtained only by petition to the appropriate Department Head, Dean, and Vice President for Academic Affairs. A departure from major and minor courses required for graduation may be obtained only by petition to the appropriate Department Head and Dean of the school offering the major or minor. Transfer credit will only be accepted from regionally-accredited institutions. Transfer credit for specific courses and programs is granted upon recommendation of the appropriate Faculty, Department Head, and the Dean of the School accepting the credit.

14. Students must demonstrate computer proficiency.

15. Any college work earned more than 15 years before the time a baccalaureate degree is granted at Rogers State University may be applicable toward a degree at the discretion of the departments that offer equivalent or similar courses, and the approval of the appropriate Department Head and Dean.

16. Only one degree will be awarded upon the completion of the baccalaureate degree requirements. Students satisfying requirements in more than one major area will earn two or more majors and these will be posted on their transcript. A student completing a second major cannot be required to take a minor. A student pursuing a baccalaureate degree cannot retroactively apply for an associate degree.
17. Students who have completed a degree from another accredited university may earn another degree in a different field at Rogers State University by completing all general education, departmental, and residence requirements for that degree.

18. Students who have earned a baccalaureate degree from Rogers State University may earn a second bachelor’s degree by fulfilling the following: a) all the current requirements for the second degree; b) a minimum of 30 additional undergraduate semester hours, of which 15 must be in residence at RSU and not used in meeting any requirements for the first degree; c) a minimum of 15 of the additional 30 hours must be at the 3000-4000 level.

**Graduation Requirements**

**Associate Degree**

An associate’s degree is an academic title granted to a student who has completed a specific course of study. The Oklahoma State Regents for Higher Education authorize degree titles. The University, a school, and a department administer programs leading to the degrees.

In conformance with the requirements established by the Oklahoma State Regents for Higher Education, the faculty at Rogers State University has established the following guidelines for a student to earn an associate degree.

1. At 45 hours, a student should apply for graduation (Application for Graduation form). The deadline for completion of this Application for Graduation is November 1 for spring graduation, and March 1 for summer and fall graduation.

2. Upon completion of the Application for Graduation, the student and advisor must complete a Degree Completion Plan Worksheet. Variation from the filed degree completion plan may result in delay of graduation.

3. Degrees are conferred when earned. However, diplomas are issued only at the close of the spring semester. Students who have completed all requirements, or are completing all requirements for the current term, are candidates for graduation. If students are within four hours of graduation in the spring semester, and if they have preenrolled for the needed courses in the subsequent summer term, the students may participate in commencement exercises. The degree will not be awarded until all course work is satisfactorily completed.

4. The minimum number of semester hours required for a degree is 60.

5. Candidates for associate degrees must earn 15 credit hours in residence at Rogers State University. At least 15 of the final 30 hours applied toward the degree must be satisfactorily completed at Rogers State University. Resident credit is earned by completion of regularly scheduled RSU courses offered on campus, by interactive television, by telecourse, or by Internet. Credit earned through CLEP, AP, correspondence, DANTES, advanced standing, or continuing education is not considered resident credit.

6. Thirty hours of extra-institutional and advanced standing credit may be applied toward an associate’s degree.

7. Students must earn a combined retention/graduation GPA of 2.0 in all course work attempted. No grade lower than a C will be accepted in the major. Grades lower than a C earned at an out-of-state institution cannot be accepted for a degree at Rogers State University.

8. At least one-half of the major must be taken at Rogers State University.

9. Individual departments, with the appropriate University approval, may set admission or graduation standards that are higher (but not lower) than the minimum university-wide standards. These departmental requirements can be found in the Bulletin under the degree requirements for the specific program.

10. The Rogers State University Bulletin in effect at the time of the student’s initial full-time enrollment, whether at Rogers State University or an Oklahoma educational institution governed by the Oklahoma State Regents for Higher Education, shall govern general education and degree requirements for the major and minor, provided that the student has had continuous enrollment. Continuous enrollment is defined as making significant progress toward degree completion by earning at least six hours toward the degree per semester and not being out of Rogers State University or an Oklahoma educational institution governed by the Oklahoma State Regents for Higher Education for more than one enrollment period, excluding the summer term. Students not enrolled for two consecutive semesters will return under the RSU Bulletin in effect at the time of their readmission and will be subject to any new degree requirements as established by the effective RSU Bulletin.

11. The Rogers State University Bulletin expires after seven years for students pursuing a bachelor’s degree. When that Bulletin has expired at the end of the seven-year limit, the students who have been continuously enrolled must select a subsequent Bulletin up to and including the current one.
12. Students may elect to meet the degree requirements in a Rogers State University Bulletin adopted by the University after their initial continuous enrollment, but the student will then be governed by all of the requirements of that RSU Bulletin.

13. A departure from general education courses required for graduation may be obtained only by petition to the appropriate Department Head, Dean, and Vice President for Academic Affairs. A departure from major courses required for graduation may be obtained only by petition to the appropriate Department Head and Dean of the school offering the major. Transfer credit will only be accepted from regionally-accredited institutions. Transfer credit for specific courses and programs is granted upon recommendation of the appropriate Faculty, Department Head, and the Dean of the School accepting the credit.

14. Students must demonstrate computer proficiency.

15. Any college work earned more than 15 years before the time an associate degree is granted at Rogers State University may be applicable toward a degree at the discretion of the departments that offer equivalent or similar courses, and the approval of the appropriate Department Head and Dean.

16. Only one degree will be awarded upon the completion of the associate’s degree requirements.

17. Students who have completed a degree from another accredited university may earn another degree in a different field at Rogers State University by completing all general education, departmental, and residence requirements for that degree.

18. Students who have earned an associate degree from Rogers State University may earn a second associate degree by fulfilling the following: a) all the current requirements for the second degree; b) a minimum of 15 additional undergraduate semester hours, of which 9 must be in residence at RSU and not used in meeting any requirements for the first degree.

Minimum Total Credit: Refer to major area for details.

   Associate’s Degree: .................. 60*
   Bachelor’s Degree: .......................... 120*

(*Excluding physical education activity courses for the above.)

Deadlines for Graduation Audit Packets
a. Prospective Spring Graduates – Completed prior to November 1
b. Prospective Summer Graduates – Completed prior to March 1
c. Prospective Fall Graduates – Completed prior to March 1

Extra-Institutional Credit

Extra-Institutional Credit is granted through measures other than the completion of formal college-level courses (e.g., testing and non-collegiate sponsored instruction). Testing methods include institutionally prepared examinations, institutionally administered performance testing, and standardized national tests especially designed for the establishment of credit. Non-collegiate sponsored instruction includes military training/learning, workplace courses, etc. The following requirements pertain to all methods of extra-institutional credit described in this section:

Validation: Extra-Institutional Credit earned through any of the following methods must be validated by successful completion of 12 or more semester hours of academic work at Rogers State University and will be recorded on the transcript only if the student is currently enrolled.

Grading: All credit through extra-institutional means will be recorded with a grade of “P.” Only those courses for which the minimum passing scores are attained will be recorded.

Departmental Advanced Standing Examinations

Advanced Standing Credit
Advanced standing credit can be earned at RSU by evaluating a student’s previous learning experiences through testing. Most departments offer some courses by examination. Students should consult with the Department Head offering the course of interest as to whether it can be taken by examination. Students must be currently enrolled and complete 12 credit hours in residency at Rogers State University prior to recording the advanced standing credit on the permanent record. Advanced standing cannot be taken for a course previously failed.

The charge for administering an institutional advanced standing examination is $12.00 per semester credit hour, which must be paid prior to taking the examination. Fee is subject to change.

Advanced Standing Credit for Practical Nurse and Paramedic Education
Licensed Practical Nurses (LPN) and nationally licensed paramedics (NREMTP) are eligible to receive college credit. The number of credit hours granted is determined by the nursing faculty and emergency medical services faculty respectively. Qualified candidates successfully completing specified tests may earn credit. Students must complete 12 credit hours in residency at Rogers State University prior to recording the advanced standing credit on the permanent record. The faculty determine the specific criteria for awarding credit for prior educational experiences. The faculty also determine the admission and progression policies and clinical practice experiences.
Advanced Placement Program
The College Board's Advanced Placement Program (AP) examination is available to students while enrolled in high school. Advanced Standing Credit may be awarded if a student scores at a level of "3" or higher. The number of credits awarded is based on the American Council on Education Guidelines. Advanced Standing Credit may be awarded only for courses that are taught at Rogers State University. The grade of "P" will be placed on a student's transcript after the completion of 12 credit hours at RSU. A grade of "P" is GPA neutral.

CLEP Testing
For information on CLEP testing, contact the RSU Testing Center (918) 343-7730.

Credit for Military/Training
Credit may be granted for basic training, for formal service school courses, and for approved college-level examinations passed while in military service. In general, the credit is granted in accordance with recommendations of the Commissions on Accreditation of Service Experiences, an agency of the American Council on Education (ACE). An official copy of the military transcript must be on file before credit will be placed on a student’s transcript.

The Army/American Council on Education Registry Transcript System (AARTS) only contains information for the following:

a. Army enlisted soldiers and veterans with basic active service dates falling on or after October 1, 1981.

b. Army National Guard listed soldiers and veterans on the active rolls January 1, 1993, with pay entry basic dates/basic active service dates falling on or after October 1, 1981.

c. Army Reserve enlisted soldiers and veterans on the active rolls April 1, 1997, with basic active service dates falling on or after October 1, 1981.

Transcript Inquiries
Please address transcript inquiries and requests to:

MANAGER
AARTS OPERATIONS CENTER
415 MCPHERSON AVENUE
FT LEAVENWORTH, KS 66027-1373

FIELD INQUIRE LINE: (913) 684-3269
FAX: (913) 684-2011
EMAIL: aarts@leavenworth.army.mil
WEB PAGE: http://www-leav.army.mil/aarts

The American Council on Education (ACE) certifies all AARTS transcripts. The descriptions and college credit recommendations on the transcripts are extracted from the ACE “Guide to the Evaluation of Educational Experiences in the Armed Services.” “INSTITUTIONAL COPY” designates an official copy sent directly from the AARTS Operations Center to schools or employers. “PERSONAL COPY” designates an unofficial transcript.

ACE College Credit Recommendation
The American Council on Education (ACE) administers the Registry of Credit Recommendations for organizations participating in the College Credit Recommendation Service (CCRS) (formerly called Program On Non-Collegiate Sponsored Instruction or PONSI). The registry offers sponsor’s course participants a permanent, computerized record of courses evaluated by the College Credit Recommendations Service.

Currently enrolled students may be granted credit in accordance with the American Council on Education (ACE) recommendations, after completion of 12 semester hours of course work at Rogers State University. To obtain credit, the student must have a transcript provided by the American Council on Education (ACE). Institutions may accept any level of credit up to that recommended by ACE.

To obtain a transcript or additional information, call (202) 939-9433, email credit@ace.nche.edu, or write to: College Credit Recommendation Service, American Council on Education, One Dupont Circle NW, Suite 250, Washington, DC 20036-1193.

Correspondence Study
Correspondence courses are not offered at Rogers State University; however, credit is accepted for most courses completed through correspondence at other accredited institutions. Correspondence will be recorded on the transcript only if the student is currently enrolled and has successfully completed 12 or more semester hours of academic work at Rogers State University.

Independent Study Courses
Independent study courses provide structured learning opportunities for students. Generally, these courses are textbook based and reading intensive. Independent study is usually offered to students approaching graduation and when another course substitution cannot be made. Students who select this method of instruction must have good reading and comprehension skills.
Distance Learning

Rogers State University established itself as a leader in distance education with the building of a television station in 1987. This station, KRSC-TV, remains today the only full power, over-the-air broadcast television station licensed to a public university in the state of Oklahoma. The television station added a new dimension to the more traditional independent study or telecourse by enabling students to actually be a part of a class that was a live broadcast. Then, in the summer of 1993, RSU took distance education to another level with the construction of a virtual campus, resulting in the initial establishment of three accredited online associate degrees.

Mindful of the mission, “to prepare students to achieve professional goals in dynamic local and global communities” and “to provide traditional and innovative learning opportunities,” distance learning at RSU remains committed to excellence in teaching and student service, regardless of the location. Continually evolving and growing, flexibility is the central concept that guides this segment of the RSU campus.

Following is a list of specific types of distance education courses and programs available through distance learning:

Compressed Video
A compressed video course is a class that originates from one campus and is transmitted to other campuses. It offers two-way audio and video communication between students and instructor. Students who select this method of instruction should be aware that the instructor may or may not be physically present in the classroom. Otherwise, this class follows the same procedures and attendance requirements of a traditional class. Compressed video classrooms are arranged to encourage interaction between students in the host classroom and all branch campuses. Assignments and graded papers are exchanged through fax, email, regular mail, or courier service.

Telecourses
Telecourses are academically rigorous courses that combine televised courses with textbook readings, assignments, and other instructional materials. Students who select this method of instruction should have access to a television during the time the program is broadcast, have the ability to tape the program as it is being broadcast, or be able to visit the viewing site at Claremore, Pryor, or Bartlesville. In addition, students may elect to rent the tape series from a professional video rental company. This method of instruction requires students to have good reading and comprehension skills, be self-disciplined, and be self-motivated.

Live Broadcast Courses
These courses are broadcast live on the campus television station from a specially equipped classroom on the Claremore campus. Students have the option of actually attending the class in the studio-classroom or viewing the class from their home, high school site, or other location. Students who select this method of instruction should plan to attend or view the course as it is being taught.

Online Courses
Online courses are Internet-based courses where the instructor and students communicate through a computer. These courses are generally designed to provide direct instructor-to-student communication as well as class participation and interactivity through threaded discussions, chat rooms, or electronic discussion groups assigned by the instructor. Students who select this method of instruction must have, at a minimum, a computer or access to a computer, access to the Internet, and an electronic mail address (email). For a complete list of recommended items, please check technical requirements on the RSU web page at: http://rsuonline.edu.

Two-Year and Four-Year Graduation Guarantee

Students at Rogers State University may follow many diverse paths to complete associate’s or bachelor’s degrees. Students may elect to complete the associate’s degree requirements within two years of their initial freshman enrollment and/or complete the bachelor’s degree requirements within four years of their initial freshman enrollment.

Rogers State University has developed plans to help students who wish to complete an associate’s degree in two years and/or students who would like to complete their bachelor’s degree in four years. Students who elect to participate in one of Rogers State University’s Graduation Guarantees must work closely with their advisor(s) and faculty to ensure that courses are taken in the appropriate sequence. Students who elect to participate in the agreement below can be assured that they will be able to graduate in either two years or four years, depending on the degree.

By completing the appropriate documents, a student agrees to participate in the appropriate guarantee. Rogers State University assures the student that he/she will be able to enroll in courses that permit graduation in either two or four years. Graduation will not be delayed by the unavailability of courses.
Conditions the student must satisfy:

1. Enter Rogers State University as a freshman.

2. Choose a major that qualifies for the Two-Year or Four-Year Plan.

3. Have the preparation to begin the appropriate plan of study in a qualified major upon entry to the University.

4. Complete a minimum of one-fourth of the necessary credits per semester for the associate’s degree or one-eighth of the credits per semester for the bachelor’s degree.

5. Meet with his/her advisor in a timely manner to discuss progress toward registration and graduation.

6. Enroll in available courses needed for his/her selected program of study considering that any specific course may not be available at the time or semester in which the student would prefer to take it.

7. Accept responsibility for monitoring his/her own progress and understanding advice given by his/her advisor so that he/she stays on track toward graduation.

8. Change majors only if, at the time of the change, all requirements can be met within the designated two or four-year plan.

9. Remain in good academic standing as determined by the department, school, and University.

10. Accept responsibility for timely annual applications for financial assistance.

11. In writing, notify the dean of the school that offers the student’s major that his/her graduation may be delayed due to the unavailability of a course. This written notice must be submitted prior to the beginning of classes during the term in which the course is needed.

In the event that the University does not satisfy the commitments made herein, and the student is unable to register for needed courses due to the unavailability of a course (or courses), the department and school will choose one of the following:

1. Allow the student to graduate in two or four years by substituting a different course (or courses), as determined by the dean of the school that offers the student’s major.

2. Allow the student to graduate in two or four years by substituting an independent study assignment, as determined by the department and the school.

3. Allow the student to graduate in two or four years by waiving the requirement to be met by the unavailable course (or courses), as determined by the department and the school.

4. Allow the unavailability of a course (or courses) to delay the student from graduating in two or four years, in which case, the university will pay the tuition for the student to take the course(s) in a later term.

These procedures shall constitute the exclusive remedy for the guarantee. Rogers State University is under no obligation to provide these adjustments unless the student fulfills his/her obligations as stated above.
Academic Enrichment Programs

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Honors Program

Mission Statement
The Rogers State University Honors Program supports the larger vision and mission of Rogers State University. The Rogers State University Honors Program aspires to challenge talented students to develop intellectual curiosity, intellectual rigor, independent reasoning, creative thinking, superior communication skills, strong leadership abilities, a system for ethical decision making, and a desire for life-long learning. Students with strong academic records and motivation to excel personally and academically join with select faculty to form a university community that supports outstanding scholarship, personal growth, and service.

The specific mission of the Rogers State University Honors Program is to provide an education in a collaborative, experiential, learning-based environment of faculty and students and to produce graduates of the program who act as agents of change in their academic, professional, and personal lives, cultivate the community approach to life and learning, hold lasting commitments to academic and social responsibility, integrate creative and critical thinking in diverse approaches to problem solving, embrace the principles and practices of the life-long learner, value pluralism and informed civic discourse, and explore technology and information literacy as critical resources for life in the twenty-first century.

Honors courses at RSU are specifically designed to challenge students, as well as provide a supportive learning environment for this community of scholars. The honors courses are designed to integrate curriculum, develop and integrate learning communities, and assist in the integration and oversight of service-learning opportunities.

Students desiring acceptance into the RSU Honors Program must meet the following requirements:

1. 26 or better on the ACT or equivalent score on the SAT
2. 3.3 high school or transfer grade point average
3. Application and admission to Rogers State University,
4. Application to Rogers State University Honors Program, including:
   a. Application packet with high school and college transcripts and ACT/SAT scores,
   b. Three reference letters from persons who are aware of academic potential and work ethic, of which at least two must be academic references, and
5. Written responses to two essay questions.

For further information about the Honors Program, contact Dr. James Ford at (918) 343-7749.

President’s Leadership Class

The President’s Leadership Class (PLC) is a unique four-year program of personal development designed to identify a limited number of outstanding students in order to foster their intellectual growth, refine their leadership skills, and enhance their relationship with Rogers State University and the communities it serves. The PLC consists of selected students with a wide range of beliefs, ideals, and talents who are encouraged to work and learn together to further foster and develop leadership traits. They are united in their commitment to the pursuit of excellence and to the cultivation of their talents for service.

For further information about the President’s Leadership Class, contact Dr. Carolyn Taylor at (918) 343-7627 or ctaylor@rsu.edu.

The Washington Center Internship Program

Rogers State University, in affiliation with The Washington Center, makes possible participation in the preeminent internship program in the nation’s capital. We provide together a unique combination of benefits: a structured, well-supported program for which interns receive academic credit, an extensive internship tailored to the interests of the intern, whatever his or her major; a rich program of academic coursework, lectures by national and international leaders, small group meetings with members of Congress, site visits, embassy visits, workshops, and many other enriching activities.

The experience is tied for one semester to a government, nonprofit, or public/private facility. The student must fulfill all requirements negotiated by the internship site and approved by the faculty advisor.

For further information about the Washington Center Internship Program, contact Dr. Carolyn Taylor at (918) 343-7627 or ctaylor@rsu.edu.
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Academic Schools

- Business and Technology
- Liberal Arts
- Mathematics, Science, and Health Sciences

Degrees Offered

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Technology
- Associate in Arts
- Associate in Science
- Associate in Applied Science

Bachelor of Science

Biology

Option: Medical/Molecular
Option: Environmental Conservation

The Bachelor of Science in Biology is founded on the traditional disciplines of botany, zoology, and genetics but extends into newer areas of study including molecular biology, conservation, and ecology.

The field of molecular and cellular biology is expanding rapidly as biotechnology explodes in the pure and applied areas. This molecular biology program will prepare students to participate in this trend. With recent completion of mapping the entire human genome, it is expected that molecular biologists will be in higher demand than ever before. A growing list of research establishments, such as medical institutions, pharmaceutical companies, research institutions, and biotechnology companies will have increased need for scientists possessing molecular biology knowledge and skills. The use of such knowledge and skills is not limited to human research. Molecular biology careers also include fields such as plant biotechnology, animal breeding, food technology, forensic science, environmental biology, plant pathology, and wildlife management.

The four-year general biology degree in environmental conservation diverges from traditional wildlife and fisheries management programs that emphasize curriculum in taxonomy and game management. Unique to this program is a curriculum that emphasizes statistics, environmental chemistry, ecological toxicology (contaminants and pollutants), and environmental conservation that addresses contemporary issues in ecosystem management, landscape ecology, and regional and global threats to biodiversity.

Bachelor of Arts

Communications

Option: Corporate Communications
Option: Radio–Television
Option: Communication Arts*

The Bachelor of Arts in Communications stresses competence in oral and written communication and critical thinking skills that will serve the student for a lifetime. Students also acquire specific knowledge and skills needed to function in a variety of career opportunities at broadcast facilities, corporations, and civic enterprises. Such endeavors include but are not limited to media production/talent, corporate management, marketing, advertising & public relations, sales, promotions, law school, ministry, human relations, public speaking, and corporate and civic leadership.

*Bachelor of Arts in Communications, Option: Communication Arts pending approval by the Oklahoma State Regents for Higher Education.
Bachelor of Science

Business Administration

Option: Accounting  
Option: Entrepreneurship  
Option: Human Resources Management  
Option: Management  
Option: Marketing*

The Bachelor of Science in Business Administration curriculum is planned to maximize the educational experience of students choosing this major. Students entering the program as freshmen will earn 41 hours in general education, 18 hours of basic business, 24 hours in the upper division business core, and 21 hours in accounting, entrepreneurship, human resources management, management, or marketing*. While completing these requirements, students may choose minors in areas other than business or complete their bachelor’s degrees by choosing elective courses. Students entering the program with previous college courses that do not count elsewhere will find the curriculum designed to be transfer-friendly with 19 elective hours.

The business administration major offers a choice of five options. The Accounting option is chosen by students who are interested in a career in accounting or a related occupation after they graduate. The Entrepreneurship option prepares students who wish to start their own business and partners business faculty with the RSU Innovation Center staff to provide the students with a realistic entrepreneurial experience. The Human Resources Management option is selected by students planning to work in some area of personnel either in the public or private sector of the economy. Management is the option chosen by those students wanting a broad-based study of business. The Marketing* option prepares students for employment in the broad area of marketing with emphasis on marketing strategy, the marketing mix, and e-marketing.

The basic business courses and the upper-level business core assure that every student graduating with a Bachelor of Science in Business Administration is well grounded in business administration while the options of accounting, entrepreneurship, human resources management, management, and marketing* allow the student to develop more specialized knowledge to pursue their focused interests.

Detailed information regarding the employment outlook for students choosing these options may be found by referring to two publications of the United States Department of Labor. These two publications are the Dictionary of Occupational Titles and the Occupational Outlook Handbook.

Bachelor of Science

Bachelor of Science in Business Information Technology

Option: Computer Network Administration  
Option: Software Development and Multimedia  
Option: Telecommunications Foundations

The Bachelor of Science in Business Information Technology degree is designed to meet the growing demand for information technology specialists capable of communicating effectively and who understand business processes. This degree has three options including Computer Network Administration, Software Development and Multimedia, and Telecommunications Foundations. Students choosing the Bachelor of Science in Business Information Technology are required to take 41 hours of general education, 28 hours of core program requirements, 12 hours in the option, 27 hours in business support courses, and 12 hours of upper-level electives.

The Computer Network Administration option includes the study of network operating systems, network security, configuration of network components, and emerging technologies. Careers for students with this option may include system network administrators, system specialists, and network specialists.

The Software Development and Multimedia option focuses on object-oriented technology, software engineering, multimedia and web development, and emerging technologies. Careers for students with this option will include web masters, web programmers, computer programmers, systems analysts, and software engineers.

The Telecommunications Foundations option is designed to prepare students for careers in telecommunications and telecommunications management. The program is a collaborative program between Rogers State University and The University of Oklahoma-Tulsa. It is constructed so that graduates will have fulfilled all the prerequisite course requirements for entry into the Masters of Science in Telecommunications Systems Management offered at The University of Oklahoma-Tulsa.

Bachelor of Science

Game Development

The Bachelor of Science in Game Development is an interdisciplinary degree blending skills in art, computer science, mathematics, physics, and writing. These skills will provide graduates with the opportunity to pursue a career in the area of Computer Game Development including possible careers in game development for entertainment, training, and educa-

*Bachelor of Science in Business Administration, Option: Marketing pending approval by the Oklahoma State Regents for Higher Education.
tion. Graduates will also possess skills that will allow them to pursue other career paths such as multi-media artistry and animation, computer programming, and software engineering. Students choosing the Bachelor of Science in Game Development degree are required to take 42 hours of general education, 70 hours of program requirements, and 12 hours of selected electives to total 124 semester hours for the degree. The skills developed by the Bachelor of Science in Game Development are expected to be in high demand for several years in the future.

**Bachelor of Science**

**Justice Administration**

The Bachelor of Science in Justice Administration prepares students for careers in the criminal justice system. In addition to a thorough grounding in analytic and communication skills, the student will acquire specific knowledge needed to function in a variety of career opportunities in law enforcement agencies, government regulatory agencies, corrections facilities, or corporate security departments.

**Bachelor of Science**

**Social Science**

Option: History and Political Science  
Option: Psychology and Sociology

The Bachelor of Science in Social Science degree begins with an interdisciplinary core, which centers on the broad perspectives, methodologies, and findings of the social sciences. This core also requires the application of this knowledge through significant hands-on experience in community, professional, or government organizations. In addition to this integrative core, students choose from options in History and Political Science or Psychology and Sociology.

These two options within the degree enable students to focus on the perspectives and substantive findings of the traditional disciplines, thus allowing students to follow their more particular interests and passions. The History/Political Science option centers on understanding governmental and historical processes that have created the modern world.

The Psychology/Sociology option focuses on individual behavior, contemporary social structure, and social change. Both options foster the development of critical thinking, scientific reasoning, and written and oral communications skills.

The Social Science degree is designed to provide a broad-based interdisciplinary/multidisciplinary social science education. It is intended to prepare students for further study in graduate or professional school or to take an immediate and productive role in the modern economy.

**Bachelor of Technology**

**Applied Technology**

The curriculum for the Bachelor of Technology in Applied Technology is crafted for students who have completed an Associate in Applied Science degree, an Associate in Science degree, or an equivalent specialization in a technical field. Students whose previous college curriculum has included a technical specialty will find this a compelling choice. The degree program requires 41 hours in general education, a minimum of 30 hours in a technical specialty, 37 hours in the professional program core, and 12 hours of electives.

The Bachelor of Technology in Applied Technology can provide opportunities for advancement into management positions by providing a solid educational foundation. Students will study business management in the high-tech workplace, while further developing their communication and technical skills.

**Associate in Arts**

Students who successfully complete an approved program with emphasis in liberal arts, humanities, social sciences, art, or business subject areas are awarded the Associate in Arts degree.

These degree programs are designed as an integral part of the four-year programs if students ultimately pursue a baccalaureate degree.

**Accounting**

**Art**

- Option: General  
- Option: Art History  
- Option: Graphics

**Business Administration**

**Early Childhood/Elementary Education**

**Law/Justice Careers**

- Option: Criminal Justice

**Legal Assisting**

**Liberal Arts**

- Option: General  
- Option: Native American Studies  
- Option: English

**Radio - Television**

**Secondary Education**

**Social Sciences**

- Option: History  
- Option: Political Science  
- Option: Psychology  
- Option: Sociology
Associate in Science

Students who successfully complete an approved program with major emphasis in engineering/physics/math, or the sciences are awarded the Associate in Science degree.

These degree programs are designed as an integral part of the four-year programs if students ultimately pursue a baccalaureate degree.

- Biological Science
- Computer Science
- Physical Science
  - Option: Chemistry
  - Option: Geology
  - Option: Engineering/Physics/Math
- Pre-Nursing

Associate in Applied Science

Students who successfully complete an approved occupational or technical education program are awarded the Associate in Applied Science degree. Students completing one of these degrees at RSU may also pursue a Bachelor of Technology degree at RSU. Students that ultimately want to pursue a baccalaureate at another institution should verify the ability to transfer the A.A.S. with that institution.

- Applied Technology
- Emergency Medical Services
- Nursing
  - Option: Bridge NREMT– Paramedic/LPN to RN
- Police Science
  - Option: Collegiate Officer Program (COP)
  - Option: Law Enforcement

General Education Course Requirements

Mission of General Education

General education at Rogers State University is a shared set of experiences that imparts knowledge, skills, and perspectives necessary for lifelong learning and productive citizenship in a dynamic and global society.

General Education Outcomes

Acknowledging that critical and creative thinking are encouraged by all of the following, the specific student outcomes for General Education are to:

1. Use and analyze written and spoken English effectively.
2. Demonstrate knowledge of and application of scientific principles and recognize the role of science in our society.
3. Apply mathematics and logic to problem solving.
4. Gain a perspective on the humanities and recognize their value to individuals and society.
5. Demonstrate proficiency in the use of computers and other technologies.
6. Demonstrate knowledge of the history and functions of social institutions.
7. Demonstrate knowledge of diverse human values, beliefs, and behaviors.
8. Demonstrate knowledge of the meaning and purpose of the arts.
9. Demonstrate knowledge of the relationship among people and their physical and social environments.
Baccalaureate Degree Programs

Bachelor of Arts, Bachelor of Science, and
Bachelor of Technology

Students must complete a minimum of 41 credit hours of
general education requirements.

General Education Requirements:

Communications ........................................... 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication*

Social and Behavioral Sciences ............................ 9
History ......................................................... 3
Choose from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ....... 3

Social Science .............................................. 3
Choose from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ................................. II
Physical Science ........................................... 4
Choose from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science .......................................... 4
Choose from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics .................................................. 3
Choose three hours from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry & Calculus I

Humanities .................................................... 6
Choose two from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ............................................... 3
Choose from the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Language
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ....................................................... 3
Choose three hours from courses not selected above.

(41 credit hours)

*ENGL 2333: Technical Writing (substitute for SPCH 1113
Speech Communication for students taking 75% of their
degree program online).

Students enrolled in developmental courses must com-
plete ORIE 1151 – The College Experience course within
the first 24 semester hours attempted.

Some programs require specific general education
courses. Refer to the program requirements as listed in
the program information section for additional guidance.
Associate Degrees

Associate in Science and Associate in Arts Degree Programs

Students must complete at least 41 credit hours of general education requirements.

General Education Requirements:

Communications .................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication*

Social and Behavioral Sciences ................. 9
Choose from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government .... 3

Social Science .................................... 3
Choose from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ..................... 11
Physical Science ................................. 4
Choose from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ............................... 4
Choose from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ..................................... 3
Choose from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry and Calculus I

Humanities ..................................... 6
Choose two from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ................................. 3
Choose from the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

It is recommended that baccalaureate degree-seeking students select a 3000-level Global Studies course.

Elective ......................................... 3
Choose three hours from courses not selected above.
(41 credit hours)

*ENGL 2333: Technical Writing (substitute for SPCH 1113 Speech Communication for students taking 75% of their degree program online).

Students enrolled in developmental courses must complete ORIE 1151 – The College Experience course within the first 24 semester hours attempted.

Some programs require specific general education courses. Refer to the program requirements as listed in the program information section for additional guidance.

Program Requirements
The remaining minimum of 19 semester credit hours of academic work shall be applicable to the student’s major program including any prerequisite courses necessary for the anticipated upper-division programs. Some programs will require additional courses above the 60 hours. These programs are designed for students who desire to continue their education for a baccalaureate or professional degree as well as those who want to broaden their educational background by completing a two-year program of general or liberal arts education.
Associate in Applied Science Degree Programs

The minimum standard for the awarding of associate degrees in technical occupational areas of specialization shall be as follows:

General Education Requirements:

Communications .............................................. 6
ENGL 1113 Composition I ................. 3
Choose from the following: ....................... 3
ENGL 1213 Composition II
SPCH 1113 Speech Communications
ENGL 2333 Technical Writing *

U.S. History and Government .................. 6
History .......................................................... 3
Choose from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

ORIE 1151 The College Experience .......... 1

Selected Electives ........................................... 6
Choose six hours from the following:
Science
Mathematics
Social & Behavioral Science
Economics
Computer Science

(19 credit hours)

*Check with your degree plan for the suggested or required selection in this category.

These programs provide collegiate-level occupational and technical education for those students who plan to seek employment upon completion. Programs in this category are of two-year duration and normally countable in the awarding of the Associate in Applied Science degree.

Some programs require specific general education courses. Refer to the program requirements as listed in the program information section for additional guidance.

Associate Degree Nursing Program
The Associate Degree Nursing Program is accredited by the National League for Nursing Accrediting Commission (NLNAC) and approved by the Oklahoma Board of Nursing. Persons may contact the Health Sciences Nursing Program for: admission requirements, satisfactory academic progression standards, graduation requirements, academic calendar, course descriptions, grading policies, and tuition and fees. The National League for Nursing Accrediting Commission is at 350 Hudson Street, New York, NY, 10014, or (800) 669-1656, Ext. 153.

The Associate Degree Nursing Program is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to apply to write the National Council Licensure Examination (NCLEX) for (registered or practical) nurses. Applicants for Oklahoma licensure must meet all state and federal requirements to hold an Oklahoma license to practice nursing. In addition to completing a state-approved nursing education program, requirements include submission of an application for licensure with a criminal history records search and successfully passing the licensure examination. Applicants for practical nurse licensure must also hold a high school diploma or a graduate equivalency degree (G.E.D.) [59 O.S. §567.5 & §567.6]. To be granted a license, an applicant must have the legal right to reside in the United States (United States Code Chapter 8, Section 1621). The Board has the right to deny a license to an individual with a history of criminal background, disciplinary action on another health-related license or certification, or judicial declaration of mental incompetence [59 O.S. §567.8]. These cases are considered on an individual basis at the time application for licensure is made, with the exception of felony charges. An individual with a felony conviction or who had sentencing terms imposed by the court related to a deferred sentence for a felony offense cannot apply for licensure for at least five years after completion of all sentencing terms, including probation and suspended sentences, unless a presidential or gubernatorial pardon is received [59 O.S. §567.5 & §567.6].

Computer Science Proficiency
The Computer Science Proficiency requirement may be completed through one of two options: 1) successful completion of CS 1113, Microcomputer Applications, or 2) passing an institutional Computer Science Proficiency exam at RSU. Students are encouraged to complete the computer science proficiency requirement within the first 24 semester hours attempted.

Articulation Agreement
Under an articulation agreement signed in December 1977 between the two-year colleges and the 12 public senior institutions of Oklahoma, students completing an Associate in Arts or Associate in Science degree at Rogers State University may transfer to any of the senior-level, state-supported institutions and expect to find their lower-division, general education requirements satisfied. Additional courses may be required for some programs.
Academic Schools

School of Business and Technology

• Dr. Bruce Garrison, Dean
• Dr. Johnny Carroll, Department Head Applied Technology
• Dr. Bert Tollison, Department Head Business

Department/Discipline

Applied Technology

Bachelor of Science
Business Information Technology
  Option: Computer Network Administration
  Option: Software Development and Multimedia
  Option: Telecommunications Foundations
Game Development

Bachelor of Technology
Applied Technology

Minor
Computer Science

Associate in Science
Computer Science

Associate in Applied Science
Applied Technology

Business

Bachelor of Science
Business Administration
  Option: Accounting
  Option: Entrepreneurship
  Option: Human Resources Management
  Option: Management
  Option: Marketing*

Minor
Business Administration

Associate in Arts
Accounting
Business Administration

MISSION STATEMENT AND PURPOSES

The School of Business and Technology (SBT) is one of three schools of Rogers State University (RSU). The mission of the SBT is to support RSU in its mission to prepare students to achieve professional and personal goals in dynamic local and global communities.

The SBT provides this support by providing two-year and four-year educational opportunities in technology and business. The SBT accomplishes its mission through traditional and innovative learning opportunities including four bachelor’s programs - the Bachelor of Science in Business Administration, the Bachelor of Science in Business Information Technology, the Bachelor of Science in Game Development, and the Bachelor of Technology in Applied Technology - and four associate degrees. The baccalaureate degrees are taught using a large array of innovative methods, including regular classes, online courses, telecourses, and compressed video.

The primary mission of the School of Business and Technology is to prepare students to compete and perform successfully in diverse careers in business, technology, and related fields by providing a quality academic experience. Undergraduate programs and their respective curricula will remain responsive to social, economic, and technological developments.

GENERAL INFORMATION

The School of Business and Technology at Rogers State University includes the Department of Business and the Department of Applied Technology. The departments of this school currently offer four bachelor’s degrees and five other programs and degree opportunities. The four bachelor’s degrees place Rogers State University at the forefront of the push to create a technology-empowered workforce.

The Bachelor of Science in Business Information Technology is designed to blend professional level knowledge and skills in computer programming and networking with business and communications skills. This state-of-the-art degree is focused in the area of software development, computer networking, and telecommunications foundations. The added emphasis on business and communication skills was requested by industry leaders and greatly increases the students’ chances for success in the workplace.

The Bachelor of Science in Game Development is an interdisciplinary degree blending skills in art, computer science,

*Bachelor of Science in Business Administration, Option: Marketing, pending approval by the Oklahoma State Regents for Higher Education.
mathematics, physics, and writing. This unique degree will appeal to students with varied academic interests. The knowledge developed in this program will prepare students for an array of careers including game development for entertainment, training, and education as well as multi-media artistry and animation, software development, and other related careers. The programming skills developed by the Bachelor of Science in Game Development are expected to be in high demand for several years in the future.

The Bachelor of Technology in Applied Technology is an applied business management program that emphasizes technology skills in the workplace. This program allows students with varied backgrounds and specialty areas, such as those who have pursued associate’s degrees in a technical field or associate’s in applied science degrees, to continue their education to obtain a bachelor’s degree and fully utilize the hours they obtained while pursuing their associate’s degree.

The Bachelor of Science in Business Administration builds on a sound foundation of basic business courses, an upper-division business core, and a choice of five options to prepare students for careers in business. The accounting option is the choice for students who plan a career in accounting or a related occupation. The entrepreneurship option prepares students who wish to start their own business and partners business faculty with the RSU Innovation Center staff to provide the students with a realistic entrepreneurial experience. The human resources management option is selected by students planning to work in some area of personnel either in the public or private sector of the economy. Management is the option chosen by students who choose business administra-

tion as a major but want a more general study of business processes. The marketing option prepares students for employment in the broad area of marketing with emphasis on marketing strategy, the marketing mix, and e-marketing. The business administration program is designed to allow the student to choose a minor outside of the business area or to select elective courses in other areas of interest.

Other degree opportunities offered by the school include associate degree programs in Accounting, Business Administration, Applied Technology, and Computer Science.

Within state-of-the-art laboratories and classrooms, students receive expert instruction by caring instructors. These instructors are especially motivated to provide the student-centered, hands-on learning environment that is proven to maximize student success while minimizing student frustration. Also, students are offered numerous opportunities to participate in student and professional organizations, both inside and outside the school, designed to complement their academic progress.

As students progress in their chosen fields of study, readily available faculty advisors answer questions and provide guidance. The environment in the School of Business and Technology encourages faculty and student interaction, and the advising system is set up so that caring for individual students is our most important task.
School of Liberal Arts

• Dr. Frank Elwell, Dean
• Dr. Abe Marrero, Department Head
  Social and Behavioral Sciences
• Dr. Jeffery Gentry, Department Head
  Communications and Fine Arts

Department/Discipline

Communications and Fine Arts

Bachelor of Arts
Communications
  Option: Communication Arts*
  Option: Corporate Communications
  Option: Radio–Television

Liberal Arts

Minors
Art
Communication Arts
Corporate Communications
English
Humanities
Radio–Television
Technical Writing

Associate in Arts
Art
  Option: General
  Option: Art History
  Option: Graphics

Liberal Arts
  Option: General
  Option: Native American Studies
  Option: English
  Radio - Television

Social and Behavioral Sciences

Bachelor of Science
Justice Administration
Social Science
  Option: History and Political Science
  Option: Psychology and Sociology

Minors
Alcohol and Drug Abuse Counseling
History
Justice Administration
Political Science

Psychology
Sociology

Associate in Arts
Early Childhood/Elementary Education
Law/Justice Careers
  Option: Criminal Justice
Legal Assisting
Secondary Education
Social Science
  Option: History
  Option: Political Science
  Option: Psychology
  Option: Sociology

Associate in Applied Science
Police Science
  Option: Collegiate Officer Program (COP)
  Option: Law Enforcement

MISSION STATEMENT AND PURPOSES

The mission of the School of Liberal Arts is to support the University in:

1. Furthering the arts, humanities, and social sciences at Rogers State University, the community, and in the region;

2. Offering innovative degrees;

3. Offering general education courses of high quality and purpose; and

4. Fostering a community of scholars among the faculty and students of the institution.

In support of RSU’s mission, courses in this School will foster students who are able to think critically, creatively, and independently, and have the skills to work in all types of situations and communicate with all types of people.

GENERAL INFORMATION

The School of Liberal Arts serves the academic community and the region by providing a broad range of cultural and intellectual programs that fall outside of the normal classroom experience. The School is also a strong contributor to the University’s general education program. Finally, professors in the School are very active in the local community, contributing time and talent to local service, political, and cultural organizations. The School’s degree programs consciously foster this type of community involvement among our students.

*Bachelor of Arts in Communications, Option: Communication Arts, pending approval by the Oklahoma State Regents for Higher Education.
The interdisciplinary strengths of the School of Liberal Arts prepare students holistically for lifelong learning. The concepts, experience, and creations of people from pre-history to the present are studied with the goal of providing the student with a sound grounding in our cultural heritage. This exploration of ideas and experiences is intended to stimulate the student’s imagination and fuel creative thought and activity. Graduates in the Liberal Arts have varied occupations and may choose from many careers and options. The primary mission is to educate students for life.

The School of Liberal Arts includes the Department of Communications and Fine Arts and the Department of Social and Behavioral Sciences. The departments of the School currently offer four bachelor degrees and a variety of related minors and associate’s degrees. A study of the liberal arts provides a strong, broad-based education for those students pursuing a two-year or four-year degree program.

The meaning of “liberal” in the term “liberal arts” does not refer to a political philosophy but rather to the idea of freedom. The study of the liberal arts is intended to free the mind from the constraints of stereotype, prejudice, ignorance, and fear. Liberating the human spirit from such constraints is one of the fundamental tasks of a university education.

The Department of Communications and Fine Arts offers courses of study in English, literature, philosophy, art, communications, and speech. The department is dedicated to the idea that the broadly educated person is more perceptive and informed and, thus, more capable of achieving individual and organizational goals.

The Department of Social and Behavioral Sciences offers studies in the disciplines of history, sociology, psychology, political science, alcohol and drug abuse, and criminal justice. A student who is educated in the principles and methodologies of the social sciences is better equipped to adapt to today’s changing world. Additionally, the student who has such a foundation is able to better fulfill the critical responsibilities of citizenship.

Special Features in the School of Liberal Arts

Collegiate Officer Program (COP)
A program designed to certify a student to work as a police officer in Oklahoma, along with providing an Associate in Applied Science degree.

Computer Writing Laboratory
This computer lab is equipped with hardware and software to support students’ writing projects.

Coowescoowee
This annual arts and letters journal is produced by students and faculty in the Communications and Fine Arts Department. The journal features short fiction, poetry, and literary essays, as well as photography, sculpture, and painting.

Graphic Arts Computer Lab
The graphic arts computer facility housed in the School features Macintosh Computers, an industry standard in graphic arts and journalism.

Foundations Art Gallery
The gallery has been established for displaying the artwork of students and area artists. Exhibits are changed monthly. The gallery in Baird Hall is open weekdays from 8:00 a.m. to 5:00 p.m.

Music Program
New in 2006-07, our music program is led by a faculty music professional. Student performances are held in the Will Rogers Auditorium and other locations, and will also entertain spectators at University athletic events.

Native American Heritage Week Festival
Each fall, RSU hosts this well-received festival sponsored by the Communications and Fine Arts Department and the RSU Native American Student Association. The event allows residents of northeastern Oklahoma to learn about the various Native American Tribes, and features storytellers, crafts-people, tribal traditions, and a stomp dance.

Radio – Television Program
Studies in this Rogers State University program provide students with practical experience in all facets of television and radio production. In addition to actual participation with KRSC-TV and KRSC-FM (91.3 FM) production, students are provided a diverse curriculum of course instruction. Students learn not only the theory, but also the practice of electronic media production.

Sculpture Lab
New in 2004, RSU’s 3-D art studio is one of only a few stand-alone facilities in the region. Equipped with six new throwing wheels and a new digitally-controlled kiln, the lab features wood-working, clay, and metal sculpture areas.

Theatre Program
Begun in 2005-06, RSU now offers a theatre program for students to develop their acting and theatre production skills. Led by professional theatre faculty, performances are held in the Will Rogers Auditorium, the RSU Amphitheatre, and other venues.
School of Mathematics, Science and Health Sciences

- Dr. Keith Martin, Department Head Mathematics and Science
- Ms. Linda Andrews, Department Head Health Sciences

Department/Discipline

Health Sciences

Associate in Science
Pre-Nursing

Associate in Applied Science
Emergency Medical Services
Nursing
  Option: Bridge NREMT–Paramedic/LPN to RN

Mathematics and Science

Bachelor of Science
Biology
  Option: Environmental Conservation
  Option: Medical/Molecular Biology

Minor
Biology
Chemistry

Associate in Science
Biological Science
Physical Science
  Option: Chemistry
  Option: Geology
  Option: Engineering/Physics/Math

MISSION STATEMENT AND PURPOSES
The School of Mathematics, Science and Health Sciences at Rogers State University includes the Department of Mathematics and Science and the Department of Health Sciences. The mission of the School is to support students in their pursuit of knowledge and skills that will lead them to careers in health, science, mathematics, and other related disciplines. The purposes in support of the mission are:

1. To increase the students’ critical thinking skills, reasoning abilities, and written and oral communication skills.
2. To increase the students’ understanding and appreciation of the world from both a physical and biological viewpoint.
3. To instill the ability to apply this knowledge to enrich their personal and professional lives.
4. To supply the community with well-trained healthcare professionals.
5. To provide degree programs at both the Associate and Baccalaureate levels that can seamlessly lead to further study and to continue to offer state regent approved certificate programs.
6. To increase the students’ abilities to interpret and understand their world mathematically.
7. To increase the awareness of all students of the importance of caring for themselves and their environment both locally and globally.
8. To provide a learning environment that will foster development and freedom to ask questions.
9. To instill an appreciation of technology in their fields of study and in their lives.
10. To serve as a resource for the community, utilizing the expertise of the faculty.
GENERAL INFORMATION
The School of Mathematics, Science and Health Sciences at Rogers State University includes the Department of Mathematics and Sciences and the Department of Health Sciences. The departments of this School currently offer a bachelor’s degree and a variety of other programs including related associate’s degrees.

The Department of Mathematics and Science offers a Bachelor of Science in Biology with two options: Medical/Molecular and Environmental Conservation. Both options will prepare students for graduate and professional schools as well as careers in the life sciences. Other opportunities exist for those students interested in the Biological Sciences, Physical Sciences, and Engineering/Physics/Math in the form of associate’s degrees, which will prepare the student for transfer. These degrees include the Associate of Science in Biological Science, and Physical Science with options in chemistry, geology, and engineering/physics/math.

Three associate’s degrees are offered by the Department of Health Sciences: Nursing, Emergency Medical Services, and Pre-Nursing. The Associate in Applied Science degree in Nursing, which is accredited by the National League of Nursing Accrediting Commission and approved by the Oklahoma Board of Nursing, prepares graduates to test (NCLEX) for licensure in order to practice as a registered nurse. Students who wish to transfer to BSN programs have the option of an Associate in Science in Pre-Nursing. Graduates of the Emergency Medical Services program are eligible to take the National Registry Examination for paramedic licensure. Students who successfully complete the Basic EMT course may test at that level. The EMS programs are approved by the Oklahoma State Department of Health, Emergency Medical Services Division.
Courses and Curricula

Course Information ................................................................. 64
School of Business and Technology ........................................ 64
School of Liberal Arts ................................................................. 64
School of Mathematics, Science and Health Sciences ............... 65
Other Courses ............................................................................. 65
Course Information

Computer Science Proficiency
The Computer Science Proficiency requirement may be completed through one of two options: 1) successful completion of CS 1113, Microcomputer Applications, or 2) passing an institutional Computer Science Proficiency exam at RSU. Students are encouraged to complete the computer science proficiency requirement within the first 24 semester hours attempted.

Undergraduate Courses
Undergraduate courses within the following fields of study are offered at Rogers State University by the department indicated beside each subject listing. Also listed are the course prefixes that the University uses to identify courses in each field. The curricula and courses offered within each school, listed alphabetically by departments, immediately follow this section.

SCHOOL OF BUSINESS AND TECHNOLOGY

Field of Study ....................... Course Prefix
Accounting .......................... ACCT
Business Administration ............... BADM
Computer-Aided Design Technology .. CAD
Computer Science .................. CS
Cooperative Work Experience ........ COED
Economics .......................... ECON
Entrepreneurship ................... ENTR
Finance ............................ FINA
Information Technology ............. IT
Management ........................ MGMT
Marketing .......................... MKTG
Technology ........................ TECH

SCHOOL OF LIBERAL ARTS

Field of Study ....................... Course Prefix
Art ................................ ART
Chemical Abuse ...................... CA
Communication ...................... COMM
Criminal Justice ..................... CJ
English ............................. ENGL
Geography .......................... GEOG
History ............................. HIST
Humanities .......................... HUM
Justice Administration ............. JA
Languages .......................... LANG
Legal Assisting ...................... LA
Music ................................ MUSC
Native American Studies ............ NAMS
Philosophy .......................... PHIL
Political Science .................... POLS
Psychology .......................... PSY
Social Behavioral Sciences ........ SBS
Sociology .......................... SOC
Spanish ............................. SPAN
Speech .............................. SPCH

Courses and Curricula
SCHOOL OF MATHEMATICS, SCIENCE AND HEALTH SCIENCES

Field of Study ..................... Course Prefix
Biological Science ................... BIOL
Chemistry ............................ CHEM
Emergency Medical Services ....... EMS
Engineering .......................... ENGR
Geology .............................. GEOL
Health, Physical Education, and Recreation .... HPER
Health Science ...................... HLSC
Mathematics ......................... MATH
Nursing .............................. NURS
Nutrition ............................. NUTR
Pharmacology ....................... PHAR
Physics .............................. PHYS

OTHER COURSES

Field of Study ..................... Course Prefix
Honors ............................... HONS
Library Science ..................... LSCI
Orientation .......................... ORIE
Special Programs .................... SP
Remedial Courses .................... Learning Resources and Retention Program

The following courses are offered through this program to enable students to enhance their proficiency in the basic skills areas of English, Mathematics, Reading, and Science. These developmental courses carry no college credit:

BIOL 0123 ....................... Science Proficiency
ENGL 0003 ....................... Basic Writing I
ENGL 0033 ....................... Basic Writing II
MATH 0013 ....................... Basic Math
MATH 0113 ....................... Elementary Algebra
MATH 0114 ....................... Elementary Algebra Plus
MATH 0213 ....................... Intermediate Algebra
READ 0223 ....................... Developmental Reading I
READ 0233 ....................... Developmental Reading II
READ 0253 ....................... Reading in the Disciplines
School of Business and Technology

Dr. Bruce Garrison, Dean

Departments

- Applied Technology
- Business
Business and Technology Degrees

**Bachelor Degrees**

Business Information Technology (B.S.)
- Computer Network Administration
- Software Development and Multimedia
- Telecommunications Foundations

Applied Technology (B.T.)

Business Administration (B.S.)
- Accounting
- Entrepreneurship
- Human Resources Management
- Management
- Marketing*

Game Development (B.S.)

**Minors**
- Business Administration
- Computer Science

**Associate Degrees**

Applied Technology (A.A.S.)

Accounting (A.A.)

Business Administration (A.A.)

Computer Science (A.S.)

*Bachelor of Science in Business Administration, Option: Marketing, pending approval by the Oklahoma State Regents for Higher Education.
DEPARTMENT MISSION STATEMENT
AND GOALS
The Department of Applied Technology is one of two departments in the School of Business and Technology (SBT) of Rogers State University (RSU), located in northeastern Oklahoma, governed by the University of Oklahoma Board of Regents within a state system coordinated by the Oklahoma State Regents for Higher Education. The mission of the Department of Applied Technology is to support the SBT and RSU in their mission to prepare students to achieve professional and personal goals in dynamic local and global communities. Specifically, the organizational structure of the Applied Technology Department provides the technology course support for the Associate in Science and Associate in Applied Science degrees, as well as the Bachelor of Science in Business Information Technology, the Bachelor of Science in Game Development, and the Bachelor of Technology in Applied Technology. With the exception of the hands-on courses in the Network Administration option, which require “on campus” attendance, the degrees may be obtained entirely on campus and/or online and are taught using a large array of innovative methods, including regular classes, asynchronous online courses, telecourses, and compressed video.

PROGRAMS OF STUDY

Bachelor of Science
Business Information Technology
- Option: Computer Network Administration
- Option: Software Development and Multimedia
- Option: Telecommunications Foundations

Game Development

Minor
Computer Science

Bachelor of Technology
Applied Technology

Associate in Science
Computer Science

Associate in Applied Science
Applied Technology
# BACHELOR OF SCIENCE
## BUSINESS INFORMATION TECHNOLOGY (108)
**OPTION: COMPUTER NETWORK ADMINISTRATION (108N)**
**OPTION: SOFTWARE DEVELOPMENT AND MULTIMEDIA (108S)**
**OPTION: TELECOMMUNICATIONS FOUNDATIONS (108T)**

Software Development and Multimedia Option offered online at [www.rsunline.edu](http://www.rsunline.edu)

The Bachelor of Science in Business Information Technology is designed to meet the growing demand for information technology specialists able to communicate effectively and knowledgeable of business needs. Students may choose from options in Computer Network Administration, Software Development and Multimedia, or Telecommunications Foundations.

**REQUIRED HOURS** ........................................... 124

### Communications ........................................ 9
- **ENGL** 1113 Composition I
- **ENGL** 1213 Composition II
- **SPCH** 1113 Speech Communication

### Social and Behavioral Sciences .......................... 9
- **History** .................................................. 3
  - Select one of the following:
    - **HIST** 2483 American History to 1877
    - **HIST** 2493 American History since 1877
- **POLS** 1113 American Federal Government .......... 3
- **Social Science** .......................................... 3
  - Select one of the following:
    - **ECON** 2113 Principles of Macroeconomics
    - **ECON** 2123 Principles of Microeconomics
    - **PSY** 1113 Introduction to Psychology
    - **SOC** 1113 Introduction to Sociology

### Science and Mathematics ................................ 11
- **Physical Science** ........................................ 4
  - Select from the following:
    - **CHEM** 1315 General Chemistry I
    - **GEOL** 1014 Earth Science
    - **GEOL** 1114 Physical Geology
    - **GEOL** 1124 Physical Geography
    - **GEOL** 1224 Historical Geology
    - **GEOL** 2124 Astronomy
    - **PHYS** 1014 General Physical Science
    - **PHYS** 1114 General Physics I
- **Biological Science** ...................................... 4
  - Select from the following:
    - **BIOL** 1114 General Biology
    - **BIOL** 1134 General Environmental Biology
    - **BIOL** 1144 General Cellular Biology
- **Mathematics** ............................................ 3
  - Select from the following:
    - **MATH** 1503 Mathematics for Critical Thinking
    - **MATH** 1513 College Algebra
    - **MATH** 1613 Trigonometry
    - **MATH** 1715 Pre-Calculus
    - **MATH** 2264 Analytical Geometry and Calculus I
- **Humanities** ............................................. 6
  - Select two of the following:
    - **ART (HUM)** 1113 Art Appreciation
    - **COMM (HUM)** 2413 Theatre Appreciation
    - **ENGL** 2613 Introduction to Literature
    - **HUM** 2113 Humanities I
    - **HUM** 2223 Humanities II
    - **HUM** 2893 Cinema
    - **MUSC (HUM)** 2573 Music Appreciation
    - **PHIL** 1113 Introduction to Philosophy
- **Global Studies** ......................................... 3
  - Select one of the following:
    - **BIOL** 3104 Plants and Civilization
    - **ECON** 3003 International Economic Issues and Policies
    - **GEOG** 2243 Human Geography
    - **HIST** 2013 World Civilization I
    - **HIST** 2023 World Civilization II
    - **HUM** 3633 Comparative Religion
    - **LANG** 1113 Foundations of World Languages
    - **NAMS** 1143 Native Americans of North America
    - **NAMS** 2503 Cherokee I
    - **PHIL** 1313 Values and Ethics
    - **POLS** 3053 International Relations
    - **SPAN** 1113 Beginning Spanish I

**Elective** .................................................... 3

Choose 3 hours from courses not selected above.

---

RSU Bulletin 2006-2007
**Program Core Requirements** ............................................ 32

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1213</td>
<td>Introduction to Computing</td>
</tr>
<tr>
<td>CS 2223</td>
<td>Programming I</td>
</tr>
<tr>
<td>CS 2323</td>
<td>Programming II</td>
</tr>
<tr>
<td>CS 3223</td>
<td>Data Modeling</td>
</tr>
<tr>
<td>CS 3413</td>
<td>Systems Analysis</td>
</tr>
<tr>
<td>CS 3623</td>
<td>Human-Computer Interface Development</td>
</tr>
<tr>
<td>IT 1411</td>
<td>Orientation to Computer Technology</td>
</tr>
<tr>
<td>IT 2143</td>
<td>Introduction to Networking</td>
</tr>
<tr>
<td>IT 2153</td>
<td>Network Operating Systems I</td>
</tr>
<tr>
<td>IT 3723</td>
<td>Computer Architecture</td>
</tr>
<tr>
<td>IT 4504</td>
<td>Practicum and Capstone</td>
</tr>
</tbody>
</table>

**Network Administration Option** ............................... 12

Select from the following to equal 12 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 3153</td>
<td>Network Operating Systems II</td>
</tr>
<tr>
<td>IT 3253</td>
<td>Advanced TCP/IP Administration</td>
</tr>
<tr>
<td>IT 3753</td>
<td>Network Security</td>
</tr>
<tr>
<td>IT 4113</td>
<td>Network Routing</td>
</tr>
<tr>
<td>IT 4313</td>
<td>Emerging Technologies</td>
</tr>
</tbody>
</table>

**Software Development and Multimedia Option** ............. 12

Select from the following to equal 12 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 3213</td>
<td>Multimedia Development</td>
</tr>
<tr>
<td>CS 3333</td>
<td>Object-Oriented Technology</td>
</tr>
<tr>
<td>CS 3423</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>CS 3523</td>
<td>Distributed Systems Development</td>
</tr>
<tr>
<td>CS 4523</td>
<td>Advanced Web System Development</td>
</tr>
<tr>
<td>IT 3113</td>
<td>Integrated Applications</td>
</tr>
<tr>
<td>IT 4313</td>
<td>Emerging Technologies</td>
</tr>
</tbody>
</table>

**Telecommunications Foundations** ............................. 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IT 3333</td>
<td>Fundamentals of Electronics</td>
</tr>
<tr>
<td>IT 3413</td>
<td>Electromagnetics</td>
</tr>
<tr>
<td>IT 3443</td>
<td>Digital Design</td>
</tr>
<tr>
<td>IT 4223</td>
<td>Analog and Digital Circuits Lab</td>
</tr>
<tr>
<td>IT 4333</td>
<td>Introduction to Signals and Systems</td>
</tr>
</tbody>
</table>

**Business Support Courses** ........................................ 27

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ACCT 2103</td>
<td>Accounting I – Financial</td>
</tr>
<tr>
<td>ACCT 2203</td>
<td>Accounting II – Managerial</td>
</tr>
<tr>
<td>BADM 2843</td>
<td>Business Statistics</td>
</tr>
<tr>
<td>ECON 2113</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>ECON 2123</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ENGL 3113</td>
<td>Advanced Technical Writing</td>
</tr>
<tr>
<td>MATH 2364</td>
<td>Analytical Geometry and Calculus II</td>
</tr>
<tr>
<td>MATH 2464</td>
<td>Analytical Geometry and Calculus III</td>
</tr>
<tr>
<td>MKTG 3113</td>
<td>Marketing</td>
</tr>
<tr>
<td>MGMT 3013</td>
<td>Management</td>
</tr>
</tbody>
</table>

Select two from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 3243</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>MGMT 3303</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>FINA 3503</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>TECH 3013</td>
<td>Leadership and Decision-Making Skills for Managers and Professionals</td>
</tr>
</tbody>
</table>

**Selected Electives** .................................................. 12

Electives will be chosen to complete the 124 credit hours required for graduation; two of the electives must be regarded as liberal arts.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3113</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>General Physics II</td>
</tr>
</tbody>
</table>

**Total Credit Hours** .................................................. 124

*Required for Telecommunications Foundations Option
BACHELOR OF SCIENCE
GAME DEVELOPMENT (117)

The Bachelor of Science in Game Development is designed to provide students with the highest possible quality education in the areas of game development and general education. It will provide the student with a bachelor-level education focused on preparing the student to gain employment in the game development field or continue his/her graduate education.

REQUIRED HOURS ........................................ 124

Communications ................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ...................... 9
History ................................................... 3
Select one of the following:
   HIST 2483 American History to 1877
   HIST 2493 American History Since 1877

POLS 1113 American Federal Government ....... 3

Social Science ........................................... 3
Select one of the following:
   ECON 2113 Principles of Macroeconomics
   ECON 2123 Principles of Microeconomics
   PSY 1113 Introduction to Psychology
   SOC 1113 Introduction to Sociology

Science and Mathematics .......................... 12
Physical Science ..................................... 4
Select from the following:
   CHEM 1315 General Chemistry I
   GEOL 1014 Earth Science
   GEOL 1114 Physical Geology
   GEOL 1124 Physical Geography
   GEOL 1224 Historical Geology
   GEOL 2124 Astronomy
   PHYS 1014 General Physical Science
* PHYS 1114 General Physics I

Biological Science ................................. 4
Select from the following:
   BIOL 1114 General Biology
   BIOL 1134 General Environmental Biology
   BIOL 1144 General Cellular Biology

Mathematics .......................................... 4
Select from the following:
   MATH 1503 Mathematics for Critical Thinking
   MATH 1513 College Algebra
   MATH 1613 Trigonometry
   MATH 1715 Pre-Calculus
* MATH 2264 Analytical Geometry and Calculus I

Humanities ............................................ 6
Select two of the following:
   ART (HUM) 1113 Art Appreciation
   COMM (HUM) 2413 Theatre Appreciation
   ENGL 2613 Introduction to Literature
   HUM 2113 Humanities I
   HUM 2223 Humanities II
   HUM 2893 Cinema
   MUSC (HUM) 2573 Music Appreciation
   PHIL 1113 Introduction to Philosophy

Global Studies ....................................... 3
Select one of the following:
   BIOL 3104 Plants and Civilization
   ECON 3003 International Economic Issues and Policies
   GEOG 2243 Human Geography
   HIST 2013 World Civilization I
   HIST 2023 World Civilization II
   HUM 3633 Comparative Religion
   LANG 1113 Foundations of World Languages
   NAMS 1143 Native Americans of North America
   NAMS 2503 Cherokee I
   PHIL 1313 Values and Ethics
   POLS 3053 International Relations
   SPAN 1113 Beginning Spanish I

Elective ............................................... 3
Choose 3 hours from courses not selected above.
### Program Core Requirements: .......................... 70

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART</td>
<td>1103</td>
<td>Art Foundations I</td>
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<tr>
<td>ART</td>
<td>1213</td>
<td>Digital Foundations</td>
</tr>
<tr>
<td>ART</td>
<td>2553</td>
<td>Digital 3D Foundations</td>
</tr>
<tr>
<td>ART</td>
<td>3553</td>
<td>Digital 3D Studio</td>
</tr>
<tr>
<td>ART</td>
<td>4433</td>
<td>Sequential Art</td>
</tr>
<tr>
<td>CS</td>
<td>2223</td>
<td>Programming I</td>
</tr>
<tr>
<td>CS</td>
<td>2323</td>
<td>Programming II</td>
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<tr>
<td>CS</td>
<td>3333</td>
<td>Object Oriented Technology</td>
</tr>
<tr>
<td>CS</td>
<td>3363</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CS</td>
<td>3413</td>
<td>Systems Analysis</td>
</tr>
<tr>
<td>CS</td>
<td>3573</td>
<td>Operating Systems</td>
</tr>
<tr>
<td>CS</td>
<td>3623</td>
<td>Human-Computer Interface</td>
</tr>
<tr>
<td>CS</td>
<td>3733</td>
<td>Computer Graphics Programming</td>
</tr>
<tr>
<td>CS</td>
<td>3753</td>
<td>Introduction to Modeling and Simulation</td>
</tr>
<tr>
<td>CS</td>
<td>3813</td>
<td>Game Programming I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS</td>
<td>3823</td>
<td>Game Programming II</td>
</tr>
<tr>
<td>CS</td>
<td>4403</td>
<td>Game Development Seminar</td>
</tr>
<tr>
<td>CS</td>
<td>4504</td>
<td>Capstone</td>
</tr>
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<td>ENGL</td>
<td>3033</td>
<td>Creative Writing for Game Design</td>
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<tr>
<td>IT</td>
<td>3723</td>
<td>Computer Architecture</td>
</tr>
<tr>
<td>MATH (CS)</td>
<td>3433</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>MATH</td>
<td>3523</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>PHYS</td>
<td>3113</td>
<td>Physics for Gaming</td>
</tr>
</tbody>
</table>

#### Selected Electives ........................................ 12

#### Total Credit Hours ........................................ 124

*Required
# Bachelor of Technology

## Applied Technology (107)

This degree offered online at: [www.rsuonline.edu](http://www.rsuonline.edu)

The Bachelor of Technology in Applied Technology is designed to provide educational opportunities for individuals who possess an Associate in Applied Science degree or equivalent and need additional education in order to perform job requirements or to advance their professional careers. The degree program consists of 41 hours in general education, 30 hours (minimum) in a technical specialty, 37 hours in the professional program core, and 12 hours of electives.

| REQUIRED HOURS | 120 |

### Communications

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ENGL</td>
<td>1113</td>
<td>Composition I</td>
</tr>
<tr>
<td>ENGL</td>
<td>1213</td>
<td>Composition II</td>
</tr>
<tr>
<td>SPCH</td>
<td>1113</td>
<td>Speech Communication</td>
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### Social and Behavioral Sciences

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>History</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>HIST</td>
<td>2483</td>
<td>American History to 1877</td>
</tr>
<tr>
<td>HIST</td>
<td>2493</td>
<td>American History Since 1877</td>
</tr>
<tr>
<td>POLS</td>
<td>1113</td>
<td>American Federal Government</td>
</tr>
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### Social Science

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>Social Science</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>ECON</td>
<td>2113</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON</td>
<td>2123</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>PSY</td>
<td>1113</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOC</td>
<td>1113</td>
<td>Introduction to Sociology</td>
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</tbody>
</table>

### Science and Mathematics

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
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<tbody>
<tr>
<td>Physical Science</td>
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<td>Select from the following:</td>
<td></td>
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<td>CHEM</td>
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<tr>
<td>GEOL</td>
<td>1014</td>
<td>Earth Science</td>
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<tr>
<td>GEOL</td>
<td>1114</td>
<td>Physical Geology</td>
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<tr>
<td>GEOL</td>
<td>1124</td>
<td>Physical Geography</td>
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<td>1122</td>
<td>Historical Geology</td>
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<tr>
<td>GEOL</td>
<td>2124</td>
<td>Astronomy</td>
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<td>1014</td>
<td>General Physical Science</td>
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### Biological Science

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<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL</td>
<td>1114</td>
<td>General Biology</td>
</tr>
<tr>
<td>BIOL</td>
<td>1134</td>
<td>General Environmental Biology</td>
</tr>
<tr>
<td>BIOL</td>
<td>1144</td>
<td>General Cellular Biology</td>
</tr>
</tbody>
</table>

### Mathematics

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH</td>
<td>1503</td>
<td>Mathematics for Critical Thinking</td>
</tr>
<tr>
<td>MATH</td>
<td>1513</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH</td>
<td>1613</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH</td>
<td>1715</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>MATH</td>
<td>2264</td>
<td>Analytical Geometry and Calculus I</td>
</tr>
</tbody>
</table>

### Humanities

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART (HUM)</td>
<td>1113</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>COMM (HUM)</td>
<td>2413</td>
<td>Theatre Appreciation</td>
</tr>
<tr>
<td>ENGL</td>
<td>2613</td>
<td>Introduction to Literature</td>
</tr>
<tr>
<td>HUM</td>
<td>2113</td>
<td>Humanities I</td>
</tr>
<tr>
<td>HUM</td>
<td>2223</td>
<td>Humanities II</td>
</tr>
<tr>
<td>HUM</td>
<td>2893</td>
<td>Cinema</td>
</tr>
<tr>
<td>MUSC (HUM)</td>
<td>2573</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>PHIL</td>
<td>1113</td>
<td>Introduction to Philosophy</td>
</tr>
</tbody>
</table>

### Global Studies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL</td>
<td>3104</td>
<td>Plants and Civilization</td>
</tr>
<tr>
<td>ECON</td>
<td>3003</td>
<td>International Economic Issues and Policies</td>
</tr>
<tr>
<td>GEOG</td>
<td>2243</td>
<td>Human Geography</td>
</tr>
<tr>
<td>HIST</td>
<td>2013</td>
<td>World Civilization I</td>
</tr>
<tr>
<td>HIST</td>
<td>2023</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>HUM</td>
<td>3633</td>
<td>Comparative Religion</td>
</tr>
<tr>
<td>LANG</td>
<td>1113</td>
<td>Foundations of World Languages</td>
</tr>
<tr>
<td>NAMS</td>
<td>1143</td>
<td>Native Americans of North America</td>
</tr>
<tr>
<td>NAMS</td>
<td>2503</td>
<td>Cherokee I</td>
</tr>
<tr>
<td>PHIL</td>
<td>1313</td>
<td>Values and Ethics</td>
</tr>
<tr>
<td>POLS</td>
<td>3053</td>
<td>International Relations</td>
</tr>
<tr>
<td>SPAN</td>
<td>1113</td>
<td>Beginning Spanish I</td>
</tr>
</tbody>
</table>

### Elective

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choose 3 hours from courses not selected above.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Program Requirements:

**Technical Specialty**  
30 credit hours (minimum)  
A cohesive program of study in a technical field that fulfills the requirements of an Associate in Applied Science (A.A.S.), Associate in Science (A.S.), or the equivalent.
<table>
<thead>
<tr>
<th>Program Core Courses</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 3913</td>
<td>Communication Skills for Managers and Professionals</td>
</tr>
<tr>
<td>CS 3213</td>
<td>Multimedia Development</td>
</tr>
<tr>
<td>MGMT 3013</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MGMT 3303</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>MKTG 3113</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>TECH 3013</td>
<td>Leadership and Decision-Making Skills for Managers and Professionals</td>
</tr>
<tr>
<td>TECH 3023</td>
<td>Emerging Technologies</td>
</tr>
<tr>
<td>TECH 3203</td>
<td>Introduction to Risk Management</td>
</tr>
<tr>
<td>TECH 4003</td>
<td>Introduction to Computer and Telecommunications Tools for Managers and Professionals</td>
</tr>
<tr>
<td>TECH 4013</td>
<td>Computer and Telecommunications Applications for Managers and Professionals</td>
</tr>
<tr>
<td>TECH 4113</td>
<td>Government Regulation of Business</td>
</tr>
<tr>
<td>TECH 4504</td>
<td>Practicum and Capstone Experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Selected Electives</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives will be chosen to complete the 120 credit hours required for graduation.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Credit Hours</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three upper-division credit hours must be selected from Liberal Arts and Science courses.</td>
<td></td>
</tr>
</tbody>
</table>
A minor requires completion of at least 18-24 designated credit hours of course work outside the student’s major field, including a minimum of 9 upper-division credit hours and at least a 6-hour required core. The same courses may not be used to fulfill the requirements for both a major and a minor. No more than one course (3–4 credit hours) under General Education can be used for a minor.

MINOR IN COMPUTER SCIENCE (097)

Requirements
A minimum of nine hours must be upper level. The same courses may not be used to fulfill the requirements for both a major and a minor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1213</td>
<td>Introduction to Computing</td>
</tr>
<tr>
<td>CS 2223</td>
<td>Programming I</td>
</tr>
<tr>
<td>CS 2323</td>
<td>Programming II</td>
</tr>
<tr>
<td>CS 3223</td>
<td>Data Modeling</td>
</tr>
<tr>
<td>CS 3333</td>
<td>Object-Oriented Technology</td>
</tr>
<tr>
<td>CS 3623</td>
<td>Human-Computer Interface Development</td>
</tr>
<tr>
<td>IT 1411</td>
<td>Orientation to Information Technology</td>
</tr>
</tbody>
</table>

Total Credit Hours ................................................. 19
ASSOCIATE IN SCIENCE
COMPUTER SCIENCE (097)

This degree offered online at: www.rsuonline.edu

The Associate in Science degree in Computer Science program has two principal goals. One goal of the program is to provide students with the necessary skills required to become competent in computer programming at the entry level, as well as understanding the significant issues of how technology is changing the workplace. The second goal is to provide students with the academic background to allow them to be successful while seeking a baccalaureate degree in Computer Science, Computer Information Systems, or Information Technology. Transferability of this degree should be confirmed with the receiving institution. The specialty courses in this degree will partially satisfy the specialty area of the Bachelor of Technology in Applied Technology program offered at Rogers State University.

REQUIRED HOURS ........................................65-66

Communications ...........................................9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
History
Select one of the following:
  HIST 2483 American History to 1877
  HIST 2493 American History since 1877

POLS 1113 American Federal Government ........... 3

Social Science ............................................. 3
Select one of the following:
  ECON 2113 Principles of Macroeconomics
  ECON 2123 Principles of Microeconomics
  PSY 1113 Introduction to Psychology
  SOC 1113 Introduction to Sociology

Science and Mathematics .................................11
Physical Science ......................................... 4
Select from the following:
  CHEM 1315 General Chemistry I
  GEOL 1014 Earth Science
  GEOL 1114 Physical Geology
  GEOL 1124 Physical Geography
  GEOL 1224 Historical Geology
  GEOL 2124 Astronomy
  PHYS 1014 General Physical Science
  PHYS 1114 General Physics I

Biological Science ...................................... 4
Select from the following:
  BIOL 1114 General Biology
  BIOL 1134 General Environmental Biology
  BIOL 1144 General Cellular Biology

Mathematics ............................................... 3
Select from the following:
  MATH 1503 Mathematics for Critical Thinking
  MATH 1513 College Algebra
  MATH 1613 Trigonometry
  MATH 1715 Pre-Calculus
  MATH 2264 Analytic Geometry and Calculus I

Humanities ..................................................6
Select two of the following:
  ART (HUM) 1113 Art Appreciation
  COMM (HUM)2413 Theatre Appreciation
  ENGL 2613 Introduction to Literature
  HUM 2113 Humanities I
  HUM 2223 Humanities II
  HUM 2893 Cinema
  MUSC (HUM) 2573 Music Appreciation
  PHIL 1113 Introduction to Philosophy

Global Studies ............................................ 3
Select one of the following:
  BIOL 3104 Plants and Civilization
  ECON 3003 International Economic Issues and Policies
  GEOG 2243 Human Geography
  HIST 2013 World Civilization I
  HIST 2023 World Civilization II
  HUM 3633 Comparative Religion
  LANG 1113 Foundations of World Languages
  NAMS 1143 Native Americans of North America
  NAMS 2503 Cherokee I
  PHIL 1313 Values and Ethics
  POLS 3053 International Relations
  SPAN 1113 Beginning Spanish I

Elective ................................................... 3
Choose three hours from courses not selected above.

Program Requirements ..................................18

CS 1213 Introduction to Computing
CS 2223 Programming I
CS 2323 Programming II
IT 2143 Introduction to Networking
IT 2153 Network Operating Systems I
IT/CS 2000 or above equal to 3 credit hours.

Support and Related ....................................3-4

ACCT 2103 Accounting I - Financial
MGMT 3013 Principles of Management
MATH 2264 Analytical Geometry and Calculus I

Elective ................................................... 3

Total Credit Hours .....................................65-66
ASSOCIATE IN APPLIED SCIENCE
APPLIED TECHNOLOGY (111)

This degree offered online at www.rsuonline.edu

Students seeking this degree may enter with a technical specialty gained from completion of vocational/technical programs, armed forces programs, or comparable programs that have been evaluated by the American Council on Education’s College Credit Recommendation Service. The goal of the Associate of Applied Science in Applied Technology degree program is to provide students with a quality education in a technology area by emphasizing a combination of general education courses and a selection of courses in a technical specialty. The program develops a knowledge base through core courses and selected electives while advancing a generalist view of technology. Transferability of this degree should be confirmed with the receiving institution. The specialty courses in this degree will satisfy the technical specialty requirement of the Bachelor of Technology in Applied Technology program offered at Rogers State University.

REQUIRED HOURS .......................... 61

Communications .......................... 6
ENGL 1113 Composition I ................. 3
Select from the following: ................. 3
  ENGL 1213 Composition II
  ENGL 2333 Technical Writing
  SPCH 1113 Speech Communication

U.S. History and Government .................. 6
History ..................................... 3
Select one of the following:
  HIST 2483 American History to 1877
  HIST 2493 American History since 1877

POLS 1113 American Federal Government .... 3

The College Experience .......................... 1
ORIE 1151 The College Experience

Selected Electives .......................... 6
Select two from the following:
  Computer Science
  Economics
  Mathematics
  Science
  Social and Behavioral Science

Core Requirements .......................... 12
ACCT 2103 Accounting I – Financial
BADM 1203 Introduction to Business
CS 1113 Microcomputer Applications
ECON 2123 Principles of Microeconomics

Technical Specialty .......................... 30

Technical Specialty: Up to 30 hours accepted in the technical specialty. If additional courses are needed for the 30 hours, students will choose from computer science, business, accounting, or economics areas. Students and advisors will be expected to develop broad-based degree plans in completing the remaining coursework (technical-specific or general education) in order to fully develop the multidisciplinary nature of the program.

Total Credit Hours .......................... 61
ASSOCIATE IN APPLIED SCIENCE
APPLIED TECHNOLOGY (111)
OPTION: TRANSPORTATION MANAGEMENT (111T)
OPTION: CONSTRUCTION MANAGEMENT (111C)
OPTION: MANUFACTURING MANAGEMENT (111M)
OPTION: BUSINESS, INFORMATION, AND ENGINEERING TECHNOLOGIES (111B)
OPTION: PUBLIC AND HEALTH SERVICES (111P)

Students seeking this degree may enter with a technical specialty gained from completion of vocational/technical programs, armed forces programs, or comparable programs that have been evaluated by the American Council on Education’s College Credit Recommendation Service. The goal of the Associate of Applied Science in Applied Technology degree program is to provide students with a quality education in a technology area by emphasizing a combination of general education courses and a selection of courses in a technical specialty. The program develops a knowledge base through core courses and selected electives while advancing a generalist view of technology. Transferability of this degree should be confirmed with the receiving institution. The specialty courses in this degree will satisfy the technical specialty requirement of the Bachelor of Technology in Applied Technology program offered at Rogers State University.

REQUIRED HOURS .............................................61

Communications .............................................6
ENGL 1113 Composition I ..................................3
Select from the following: .................................3
ENGL 1213 Composition II
ENGL 2333 Technical Writing
SPCH 1113 Speech Communication

U.S. History and Government ...........................6
History ..........................................................3
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ..........3

The College Experience ........................................1
ORIE 1151 The College Experience

Selected Electives .............................................6
Select two from the following:
  Computer Science
  Economics
  Mathematics
  Science
  Social and Behavioral Science

Core Requirements ..........................................12
ACCT 2103 Accounting I – Financial
BADM 1203 Introduction to Business
CS 1113 Microcomputer Applications
ECON 2123 Principles of Microeconomics

Technical Specialty ..........................................30
Technical Specialty: Up to 30 hours accepted in the technical specialty. If additional courses are needed for the 30 hours, students will choose from computer science, business, accounting, or economics areas. Students and advisors will be expected to develop broad-based degree plans in completing the remaining coursework (technical-specific or general education) in order to fully develop the multidisciplinary nature of the program.

Total Credit Hours .............................................61
Art

ART 1103 Art Foundations I
An introduction to the practical application and theoretical aspects of creating art on two-dimensional surfaces.

ART 1213 Digital Foundations
An introduction to the Macintosh operating system, peripherals, and storage of graphic-based work. Discussion of raster vs. vector graphics and their strengths and weaknesses. A broad overview of some of the software and the parameters it defines for the artist. An introduction to the issues surrounding cross platform graphics. Production of original artworks.

ART 2553 Digital 3D Foundations
This course introduces the use of 3D programs such as Maya to create original art, illustrations, images for animation, and interactive CDs. Attention will be given to terminology. Prerequisites: ART 1103 and ART 1213. Recommended: ART 1413, ART 1423, ART 1223, or ART 2113.

ART 3553 Digital 3D Studio
This is an advanced course that explores the tools and techniques used to create/animate rigid, inorganic/organic objects. Concepts for animating objects are discussed. Projects will include construction of buildings and texturing, structures. Projects will also include the modeling of living beings. Prerequisite: ART 2553 Digital 3D Foundations.

ART 4433 Sequential Art
Student will utilize hand skills to sketch and draw storyboards. These hand rendered storyboards will be incorporated into computer generated three-dimensional objects in an artificial three-dimensional space leading to storyboard design, animation scripts, and the production of animation sequences to video. Prerequisite: ART 2553.

Computer Science

CS 1113 Microcomputer Applications
This course is designed for those who intend to be computer users rather than programmers. Successful completion of this course will satisfy the computer proficiency requirement. Students will learn how to use the Internet, email, the Windows Operating System, a word processor, a spreadsheet, database management, and a presentation package.

CS 1123 Word Processing I
The class is designed for the beginning word processing student and will cover creating, revising, printing, formatting, moving, multiple page documents, repetitive documents, spell check, plus using the thesaurus and creating reports. Touch-typing is required.

CS 1133 Excel
This course is a full semester course covering the world’s number one personal computer spreadsheet. Topics in the course include Excel menus, formatting, filling, and manipulating Excel spreadsheet cells, Excel formulas, and Excel Macros. Prerequisite: CS 1113.

CS 1163 Access
This is a full semester course covering the world’s number one personal computer database management system. Topics in the course include data formatting and entry in Access table fields, manipulation of data within and across tables, and Access interfaces to external systems.

CS 1213 Introduction to Computing
Introduction to programming logic, analysis of problems, language-independent program design, and algorithms. Corequisite: IT 1411 or equivalent.

CS 2163 Web Site Design and Development
This course will cover how to create Web pages using popular site development software and current Web site development languages. Topics include building, formatting, and enhancing pages; adding graphics, advanced graphics, and multimedia; creating and updating forms; creating tables and frames; and managing the structure and design of Web pages.

CS 2213 Visual Basic
Introduction to the computer language Visual Basic. Students write, compile, debug, execute, and test Visual Basic programs. Prerequisite: CS 1213 or instructor’s permission.

CS 2223 Programming I
Structured programming, operators, variables, loops, decisions, functions, pointers, input/output, data types, structures, and file operations will be treated using a popular programming language. Beginning object-oriented programming topics may also be covered. Prerequisite: CS 1213 or instructor’s permission.

CS 2293 Java Programming
This course covers Java, a new standardized and highly portable object-oriented computer language including features supporting use in computer applications systems development generally and client-server distributed system development specifically. Additionally, Java features support for Web site development; parallel processing (threads); automatic memory allocation, de-allocation, and specific exclusion of pointers. Prerequisite: C programming knowledge.
CS 2323 Programming II
Advanced skills in solving problems such as sorting algorithms, list processing, recursion, and code management. Prerequisite: CS 2223 Programming I or equivalent.

CS 2970 Special Topics in Computer Science
A study of applied problems in computer science. Designed to allow students the opportunity to study special topics. (Can be taken for 1-4 credit hours.)

CS 3213 Multimedia Development
The following topics may be included: image manipulation, animation, audio and video creation, and streaming media technologies. Prerequisite: CS 1113.

CS 3223 Data Modeling
This course provides a strong background in relational databases and introduces fundamental database and application development concepts and techniques. Prerequisite: CS 2323.

CS 3333 Object-Oriented Technology
An object-oriented (OO) computer language will be covered in the implementation of applications involving complex data structures. Topics include classes, objects, encapsulation, inheritance, polymorphism, and virtual functions. Prerequisite: CS 2323.

CS 3363 Data Structures
The analysis and implementation of standard data structures such as trees, queues, linked lists, graphs. Prerequisites: CS 3333 and MATH 3433/CS 3433.

CS 3413 Systems Analysis
Covers the concepts, skills, methodologies, techniques, tools, and perspectives essential for a systems analyst to successfully develop information systems. Prerequisite: CS 2323 or equivalent programming experience.

CS 3423 Software Engineering
Software systems projects are completed by students using CASE (computer aided software engineering) tools, based on a standardized computer software modeling language and automatically generated computer code in a computer language of choice. Prerequisite: CS 2323.

CS (MATH) 3433 Discrete Mathematics
Logic, set theory, order, algorithms, mathematical proof including induction, recursive functions and recursive algorithms, combinatorics. Prerequisites: MATH 2264 and CS 2223.

CS 3523 Distributed Systems Development
Study of distributed application development and database management in client-server environment. Prerequisites: CS 2323 and IT 3153.

CS 3573 Operating Systems
This course covers computer operating systems theory, including consideration of what an operating system is, how it is designed and constructed, and how it operates internally. Aspects of operating systems covered include process management, memory management, I/O systems, distributed systems, and protection and security. Prerequisite: IT 3723.

CS 3623 Human-Computer Interface Development
An exploration of GUI (Graphical User Interface) development and human-computer interaction using a popular RAD [Rapid Application Development (software development)] tool. Prerequisite: CS 2323 or equivalent programming experience.

CS 3733 Computer Graphics Programming
Programming of two-and three-dimensional transformations, curves, hidden surface removal, illumination and color models. Prerequisites: Math 3523 and CS 3333.

CS 3753 Introduction to Modeling and Simulation
Fundamentals and principles of simulation modeling. Systems dynamics modeling, stochastic modeling, discrete event simulation, Monte Carlo method. Applications of modeling and simulation in interdisciplinary fields. Prerequisite: MATH 3523.

CS 3813 Game Programming I
An introduction to game programming focusing on the use of game engines and hardware interactions for input and output. Prerequisites: CS 3733, PHYS 3113, and CS 3363.

CS 3823 Game Programming II
Intermediate game development. Topics are networked games, sound manipulation, advanced 3D programming. Prerequisite: CS 3813.

CS 4403 Games Development Seminar
Advanced topics in game design, software project management and the game industry. Prerequisite: CS 3823.

CS 4504 Capstone
The implementation and testing of a large scale game in a team environment. Prerequisite: CS 4403.

CS 4523 Advanced Web Systems Development
This course explores electronic commerce and applications of Internet technology. Topics include electronic data interchange, the Internet and the World Wide Web, and intranets - all with a primary emphasis on business and commercial applications. Study of Web site programming including such languages as XML, Java script, VB script, and CGI, and using such tools as Microsoft’s Interdev. Prerequisites: CS 2163 and CS 3333.
English

ENGL 3033 Creative Writing for Game Design
This course will examine the intrinsic creative elements of
game design and provide students with the crucial skills
required for designing their own original games for the retail
market. Prerequisite: ENGL 1213. Highly recommended:
ENGL 2023.

Information Technology

IT 1411 Orientation to Computer Technology
The student will be introduced to such varied topics as com-
mon IT terminology, career planning, basic programming
logic, ethics, and other IT issues. The Business Information
Technology portfolio project will also be discussed.

IT 2143 Introduction to Networking
Explores the theory and terminology of both local and wide
area computer networks and their proper application to
business and industry problems. Corequisite: IT 1411 or
equivalent.

IT 2153 Network Operating Systems I
A popular operating system will be covered in detail. A study
of components, functions, and relationships of computer
operating systems and their interactions with user programs
will be offered. Prerequisite: IT 2143 or instructor’s
permission.

IT 3113 Integrated Applications
Course emphasizing the customization of off-the-shelf soft-
ware such as customization of MS Office Applications from
the recording of macros to the creation of add-ons using
VBA. Prerequisite: CS 1113, CS 2323, or instructor’s
permission.

IT 3153 Network Operating Systems II
Network operating systems used in an enterprise networking
context. Investigates general networking principles and capa-
bilities. Prerequisite: IT 2153.

IT 3253 Advanced TCP/IP Administration
This course is a study of the requirements for implementing,
administering, and troubleshooting the implementation of
information systems that incorporate TCP/IP. Prerequisite:
IT 2143.

IT 3333 Fundamentals of Electronics
Introduction to electronics, basic circuit and systems concepts
including a study of resistors, sources, capacitors, inductors,
operational amplified diodes, and bipolar junction transistors
(BJTs). Includes mathematical models of components and
Kirchhoff’s laws. Prerequisite: Math 2464 Analytical
Geometry and Calculus III.

IT 3413 Electromagnetics
Vector analysis applied to static electric and magnetic fields,
development of Maxwell’s equations, elementary boundary-
value problems, and determination of capacity and inductance.
Prerequisite: IT 3333.

IT 3443 Digital Design
Study includes combinational circuits, optimization of finite-
state machines, computer-aided design algorithms, two-level
and multilevel optimization, design of sequential systems,
Mealy/Moore machines, state diagrams, ASM charts, alter-
native implementations, state equivalence, and state reduction.
Prerequisite: IT 2723.

IT 3723 Computer Architecture
The hardware levels of a computer are examined from the
gate level through the microprocessor. The roles of machine
language, assembly language, BIOS, and the operating sys-
tem are explored. Prerequisite: CS 2323.

IT 3753 Network Security
This course is a study of the requirements for implementing,
administering, and troubleshooting a secure Internet access
strategy in various networking situations. Prerequisite:
IT 3153.

IT 4113 Network Routing
This course is the study of the requirements for implemen-
ting, administering, and troubleshooting the utilization of
network topologies. Prerequisite: IT 3253.

IT 4223 Analog and Digital Circuits Lab
Introduction to digital logic, counters, registers, and the
design of circuits using transistor amplifier designs, oscilla-
tors, comparators and filters. Also includes circuits incorpo-
rating digital logic, counters, and memories. Prerequisites: IT
3333, PHYS 1214.

IT 4313 Emerging Technologies
An in-depth evaluation of emerging technologies. Students
will be expected to research, evaluate, and present the mar-
etability and viability of new hardware, software, and gener-
gal trends in IT. Prerequisite: Completion of four 3000-level
CS/IT classes.

IT 4333 Introduction to Signals and Systems.
Introduction to the topics of time and frequency analysis and
design of continuous and discrete systems and signals.
Examination of continuous-time linear systems: Fourier
series, Fourier transform, bilateral Laplace transform. Also
includes discrete-Fourier transform, bilinear z-transform,
sampling, quantization, and discrete time processing.
Prerequisite: IT 3333.
IT 4504 Capstone and Practicum
Small group project that integrates the materials in required courses. Includes discussions about professional and ethical issues. Prerequisite: Senior status and permission of instructor.

Mathematics

MATH 2364 Analytical Geometry and Calculus II
A continuation of MATH 2264 covering applications of integration, derivatives and integrals of the inverse trigonometric functions, integration techniques, use of integral tables, indeterminate forms, improper integrals, sequences and series, Taylor and Maclaurin series, and conic sections. Prerequisite: Math 2264.

MATH 2464 Analytical Geometry and Calculus III
A continuation of MATH 2364 involving parametric equations, polar coordinates, analytic geometry in three space, vectors in two and three dimensions, vector-valued functions, derivatives of multi-variable functions, multiple integration, introduction to vector analysis, and Green’s Theorem. Prerequisite: MATH 2364.

MATH 3113 Differential Equations
First-order ordinary differential equations, existence and uniqueness theorems, linear ordinary differential equations with constant coefficients, power series methods, numerical methods, and Laplace transform methods. Pre or corequisite: MATH 2464.

MATH (CS) 3433 Discrete Mathematics
Logic, set theory, order, algorithms, mathematical proof including induction, recursive functions and recursive algorithms, combinatorics. Prerequisites: MATH 2264 and CS 2223.

MATH 3523 Linear Algebra

Physics

PHYS 1214 General Physics II
General course including magnetism, electricity, and light. Continuation of PHYS 1114. Lab two hours per week. Prerequisites: MATH 1513, MATH 1613, and PHYS 1114.

PHYS 3113 Physics for Gaming
Application of the laws of physics to the creation of computer games with physics-based realism. Topics include kinematics, collisions, rotation of massive objects and explosions, and motion under the influence of various forces. Prerequisite: PHYS 1114.

Technology

TECH 1002 Introduction to Applied Technology
An orientation course designed to provide an industry overview as well as generalized skills. This course may be taken in any industrial specialty where the student wishes to get basic skills in a wide range of areas. This course relates to any technical/industrial program.

TECH 1012 Safety
An orientation to the safety associated with the Industry. Focuses on business/industry safety in the work place.

TECH 1022 Equipment/Tool Operation & Management
An orientation to the specialized equipment/tools within the class and industry. Focuses on the proper use of equipment/tools.

TECH 1030 Beginning Applications
Skills development in an applied setting. Beginning level techniques are developed through design and completion of projects. (3-5 credit hours).

TECH 1050 Intermediate Applications
Skills development in an applied setting. Intermediate level techniques are developed through design and completion of projects. (3-5 credit hours).

TECH 2020 Advanced Applications
Skills development in an applied setting. Advanced level techniques are developed through design and completion of projects. (3-5 credit hours).

TECH 2040 Special Topics
Topics that deal with important issues within the industry. Includes problem-solving techniques, troubleshooting, etc. (3-5 credit hours).

TECH 2060 Special Projects
Advanced skills used in the workplace on special projects related to a student’s career goals. (3-5 credit hours).

TECH 2083 Job Readiness
Development of skills in job seeking and keeping. The course prepares the student with successful techniques for finding gainful employment and in progressing once on the job.
TECH 2090 Field Internship
A capstone course designed to integrate academic and technical lectures and labs with business and industry work experience. (3-6 credit hours).

TECH 3013 Leadership and Decision-Making Skills for Managers and Professionals
A study of specific leadership and decision-making skills and their application to a business organization. Among the topics to be covered are characteristics of leaders, techniques of decision making, interpersonal skills, and other related topics.

TECH 3023 Emerging Technologies
A study of technology as it affects the lives of people in an industrial society. The course will also study the impact of technology on the work place.

TECH 3203 Introduction to Risk Management
Risk and safety hazards and techniques for identifying, analyzing, eliminating, or transferring the perils of risk. Includes current laws regarding risk and safety, workers’ compensation insurance, employer-employee relations, and employee mistreatment in the work place.

TECH 4003 Introduction to Computer and Telecommunications Tools for Managers and Professionals
A survey of computer and telecommunication tools available to managers and professionals.

TECH 4013 Computer and Telecommunications Applications for Managers and Professionals
A course designed to introduce managers and professionals to specific applications of computer and telecommunications tools in business. Various hardware and software perspectives will be introduced to acquaint students with “real world” application of the concepts in business and industrial settings. Prerequisite: TECH 4003.

TECH 4113 Government Regulation of Business
An overview of the impact of governmental regulation on business and industry. Among the topics to be studied will be environmental, health, occupational, and safety regulations at both the state and federal levels.

TECH 4504 Practicum and Capstone Experience
Small Group project that integrates the materials in required courses. Includes discussions about professional and ethical issues. Prerequisite: Completion of 90 percent of Tech program.
Slide 12.1
Learning Objectives for Contemporary Developments in Leadership

- Describe how a leader’s attributions affect his or her leadership behaviors.
- State the characteristics of and differences between the transactional and charismatic leadership models.
- Explain the transformational leadership model.
DEPARTMENT MISSION STATEMENT AND GOALS

The mission of the Department of Business is to provide quality programs to support the School of Business and Technology mission to prepare students to achieve professional and personal goals in the dynamic local and global communities. Specifically, the Business Department provides the students with three program options: Associate in Arts in Accounting, Associate in Arts in Business Administration, and a Bachelor of Science in Business Administration with options in Accounting, Entrepreneurship, Human Resources Management, Management, and Marketing*. Additionally, the Business Department provides the general business course support for the Associate in Science in Computer Science and the Associate in Applied Science in Applied Technology degrees, as well as the Bachelor of Science in Business Information Technology and the Bachelor of Technology in Applied Technology for the Applied Technology Department. The courses are taught using a large array of innovative methods, including regular classes, asynchronous and synchronous online courses, telecourses, and compressed video.

PROGRAMS OF STUDY

Bachelor of Science
- Business Administration
  - Option: Accounting
  - Option: Entrepreneurship
  - Option: Human Resources Management
  - Option: Management
  - Option: Marketing*

Minor
- Business Administration

Associate in Arts
- Accounting
- Business Administration

*Bachelor of Science in Business Administration, Option: Marketing, pending approval by the Oklahoma State Regents for Higher Education.
**BACHELOR OF SCIENCE**

**BUSINESS ADMINISTRATION (113)**

- **OPTION: ACCOUNTING (113A)**
- **OPTION: ENTREPRENEURSHIP (113E)**
- **OPTION: HUMAN RESOURCES MANAGEMENT (113H)**
- **OPTION: MANAGEMENT (113M)**
- **OPTION: MARKETING* (113K)**

The Bachelor of Science in Business Administration is designed to meet the continuing demand for business administration majors who understand the function of business and can utilize those functions in an increasingly competitive, global economy. Students may choose from options in accounting, entrepreneurship, human resources management, management, or marketing*. This business administration program is responsive to students choosing the business administration curriculum at the beginning of their college studies or to students who have completed an associate’s degree in business.

**REQUIRED HOURS** .................................. 120

**Communications** ........................................ 9
- **ENGL 1113** Composition I
- **ENGL 1213** Composition II
- **SPCH 1113** Speech Communication

**Social and Behavioral Sciences** .................... 9

Select one of the following:
- **HIST 2483** American History to 1877
- **HIST 2493** American History since 1877

**POLS 1113** American Federal Government ....... 3

**Social Science** ........................................... 3

**ECON 2113** Principles of Macroeconomics
- **ECON 2123** Principles of Microeconomics
- **PSY 1113** Introduction to Psychology
- **SOC 1113** Introduction to Sociology

**Science and Mathematics** ............................. 11

**Biological Science** ..................................... 4

Select from the following:
- **BIOL 1114** General Biology
- **BIOL 1134** General Environmental Biology
- **BIOL 1144** General Cellular Biology

**Physical Science** ........................................ 4

Select from the following:
- **CHEM 1315** General Chemistry I
- **GEOL 1014** Earth Science
- **GEOL 1114** Physical Geology

**Mathematics** .......................................... 3

Select from the following:
- **MATH 1503** Mathematics for Critical Thinking

**MATH 1513** College Algebra
- **MATH 1613** Trigonometry
- **MATH 1715** Pre-Calculus
- **MATH 2264** Analytical Geometry and Calculus I

**Humanities** ............................................. 6

Select two of the following:
- **ART (HUM) 1113** Art Appreciation
- **COMM (HUM) 2413** Theatre Appreciation
- **ENGL 2613** Introduction to Literature
- **HUM 2113** Humanities I
- **HUM 2223** Humanities II
- **HUM 2893** Cinema
- **MUSC (HUM) 2573** Music Appreciation
- **PHIL 1113** Introduction to Philosophy

**Global Studies** ......................................... 3

Select one of the following:
- **BIOL 3104** Plants and Civilization
- **ECON 3003** International Economic Issues and Policies
- **GEOG 2243** Human Geography
- **HIST 2013** World Civilization I
- **HIST 2023** World Civilization II
- **HUM 3633** Comparative Religion
- **LANG 1113** Foundations of World Languages
- **NAMS 1143** Native Americans of North America
- **NAMS 2503** Cherokee I
- **PHIL 1313** Values and Ethics
- **POLS 3053** International Relations
- **SPAN 1113** Beginning Spanish I

**Elective** ............................................... 3

Choose 3 hours from general education courses.

*Bachelor of Science in Business Administration, Option: Marketing, pending approval by the Oklahoma State Regents for Higher Education.*
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Business</strong></td>
<td></td>
</tr>
<tr>
<td>ACCT 2103</td>
<td>Accounting I-Financial</td>
</tr>
<tr>
<td>ACCT 2203</td>
<td>Accounting II-Managerial</td>
</tr>
<tr>
<td>BADM 2843</td>
<td>Business Statistics</td>
</tr>
<tr>
<td>BADM 2523</td>
<td>Business Communications</td>
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<tr>
<td>ECON 2123</td>
<td>Principles of Microeconomics</td>
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<tr>
<td><strong>Upper Division Business Core</strong></td>
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<tr>
<td>BADM 3323</td>
<td>Legal Environment of Business</td>
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<tr>
<td>FINA 3503</td>
<td>Principles of Finance</td>
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<tr>
<td>MGMT 3013</td>
<td>Principles of Management</td>
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<tr>
<td>MGMT 3413</td>
<td>Production/Operations Mgmt</td>
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<tr>
<td>MGMT 3423</td>
<td>Management Information Systems</td>
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<tr>
<td>MGMT 4033</td>
<td>Entrepreneurship</td>
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<tr>
<td>MGMT 4813</td>
<td>Strategies and Policies</td>
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<tr>
<td>MKTG 3113</td>
<td>Principles of Marketing</td>
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<tr>
<td><strong>Accounting Option</strong></td>
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<tr>
<td>ACCT 3113</td>
<td>Intermediate Accounting I</td>
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<tr>
<td>ACCT 3123</td>
<td>Intermediate Accounting II</td>
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<tr>
<td>ACCT 3133</td>
<td>Cost Accounting</td>
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<tr>
<td>ACCT 3143</td>
<td>Individual Income Tax Accounting</td>
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<tr>
<td>ACCT 3243</td>
<td>Accounting Information Systems</td>
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<tr>
<td>ACCT 4123</td>
<td>Internal Auditing</td>
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<tr>
<td>ACCT 4323</td>
<td>Not-For-Profit and Governmental Accounting</td>
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<tr>
<td><strong>Entrepreneurship Option</strong></td>
<td></td>
</tr>
<tr>
<td>ACCT 3133</td>
<td>Cost Accounting</td>
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<tr>
<td>BADM 4793</td>
<td>Business Internship</td>
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<tr>
<td>ENTR 3233</td>
<td>Marketing for the Entrepreneur</td>
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<tr>
<td>ENTR 3303</td>
<td>Entrepreneurial Finance</td>
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<td>ENTR 4013</td>
<td>New Venture Development</td>
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<tr>
<td>ENTR 4323</td>
<td>Managing the Growing Business</td>
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<tr>
<td>MGMT 3313</td>
<td>Human Resources Management</td>
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<tr>
<td><strong>Human Resources Management Option</strong></td>
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<tr>
<td>MGMT 3233</td>
<td>Human Resources Development</td>
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<tr>
<td>MGMT 3303</td>
<td>Organizational Behavior</td>
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<td>Human Resources Management</td>
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<tr>
<td>MGMT 3323</td>
<td>Compensation and Benefits</td>
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<td>MGMT 3333</td>
<td>Employment and Labor</td>
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<td>MGMT 4333</td>
<td>Selection and Evaluation</td>
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<tr>
<td>TECH 3203</td>
<td>Introduction to Risk Management</td>
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<td><strong>Management Option</strong></td>
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<tr>
<td>ACCT 3133</td>
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<td>MGMT 3303</td>
<td>Organizational Behavior</td>
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<tr>
<td>MGMT 3313</td>
<td>Human Resources Management</td>
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<tr>
<td>MGMT 4413</td>
<td>Quantitative Methods</td>
</tr>
<tr>
<td>TECH 3013</td>
<td>Leadership and Decision Making Skills for Managers and Professionals</td>
</tr>
</tbody>
</table>

With advisor approval, student will select 6 upper division hours from ACCT, BADM, ECON, MGMT, MKTG, or TECH.

**Marketing Option** |
| MKTG 4333 | Marketing Research |
| MKTG 3313 | E-Marketing |
| MKTG 3323 | Consumer Behavior |
| MKTG 4343 | Marketing Management |

Choose nine hours from the following:
- ACCT 3133 Cost Accounting
- BADM 4793 Business Internship
- COMM 3113 Public Relations Strategies
- ENTR 3233 Marketing for the Entrepreneur
- MKTG 3453 Sales and Sales Management
- MKTG 4223 Supply Chain Management
- MKTG 4153 Integrated Marketing Communication (IMC)

**Electives or Minor** |
Students may select a University-approved minor from outside the business department or 19 hours of free electives, 9 hours of which must be upper-division.

**Total Credit Hours** |
If a lower level-course is substituted for an upper-level business core or option course, an additional upper-level course must be taken from ACCT, BADM, ECON, MGMT, MKTG or TECH.

**Required**

*Bachelor of Science in Business Administration, Option: Marketing, pending approval by the Oklahoma State Regents for Higher Education.
A minor requires completion of at least 18-24 designated credit hours of course work outside the student’s major field, including a minimum of 9 upper-division credit hours and at least a 6-hour required core. The same courses may not be used to fulfill the requirements for both a major and a minor. No more than one course (3–4 credit hours) under General Education can be used for a minor.

**Minor in Business Administration (004)**

Requirements:
The Business Administration minor is intended for pre-professional preparation for graduate programs in business or related fields (including law school). The student is advised to contact the graduate school of his/her choice for specific requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>MGMT 3013</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MKTG 3113</td>
<td>Marketing</td>
</tr>
</tbody>
</table>

**Total Credit Hours** .......................... **24**

*Not open to Bachelor of Science in Business Administration students.*
ASSOCIATE IN ARTS
ACCOUNTING (043)

The Associate in Arts in Accounting degree is designed for those students who are interested in a career in accounting. The program provides the knowledge and skills preparing graduates to gain immediate entry-level employment in accounting, to advance in other business-related careers, or to transfer to a four-year program. Students study reconciling and balancing accounts, compiling reports, and managing accounts payable and accounts receivable. Numerous other financial and managerial accounting topics are included in this plan of study. The curriculum is designed to transfer to a four-year degree program.

REQUIRED HOURS ........................................... 62

Communications ............................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government .......... 3

Social Science .............................................. 3
Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ................................. 11
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Elective ....................................................... 3
Select three hours from courses not selected above.

Program Requirements ................................... 21
ACCT 1113 Introduction to Accounting
ACCT 2103 Accounting I – Financial
ACCT 2203 Accounting II – Managerial
BADM 2523 Business Communications
CS 1133 Excel
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics

Total Credit Hours ..................................... 62

Mathematics .................................................. 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry and Calculus I

Humanities ..................................................... 6
Select two of the following:
ART (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies .............................................. 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

RSU Bulletin 2006-2007 89
ASSOCIATE IN ARTS
BUSINESS ADMINISTRATION (004)

This degree offered online at www.rsuonline.edu

The Associate in Arts in Business Administration is intended to provide a foundation in the functional areas of business. Knowledge gained in this program is applicable in industry, service, retail, and government employment. The curriculum is designed to transfer to a four-year degree program and satisfy part of the business administration core.

REQUIRED HOURS ........................................... 65

Communications ........................................... 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
History .................................................. 3
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ............ 3

Social Science ............................................. 3
Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ................................ 11
Biological Science ....................................... 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Physical Science .......................................... 4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Mathematics .................................................. 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry and Calculus I

Humanities ................................................... 6
Select two of the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ............................................. 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ..................................................... 3
Choose three hours from courses not selected above.

Program Requirements .................................... 24
ACCT 2103 Accounting I – Financial
ACCT 2203 Accounting II – Managerial
BADM 2523 Business Communications
BADM 2843 Business Statistics
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
MGMT 3013 Principles of Management
MKTG 3113 Principles of Marketing

Total Credit Hours ........................................ 65
Accounting

ACCT 1113 Introduction to Accounting
Emphasis on record keeping, double entry accounting, and financial statement preparation. This is a suggested elective, preparatory course for Accounting I–Financial. Completion of Accounting 2103 precludes enrollment in this course.

ACCT 2103 Accounting I – Financial
Accrual accounting for businesses covering basic accounting theory, corporate stocks, bonds, and classified financial statements.

ACCT 2203 Accounting II – Managerial
A first course in managerial accounting with emphasis on accounting tools for managers. Topics covered include: cost accounting, break-even point, profit analysis, variable costing, budgeting, cash flow, differential analysis, responsibility accounting, financial ratios, stocks, and bonds. Prerequisite: ACCT 2103.

ACCT 3113 Intermediate Accounting I
Analyzes valuation and other theoretical problems in accounting for cash, temporary investments, receivables, inventories, long-term investments, plant and equipment and intangible assets. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, and BADM 2523.

ACCT 3123 Intermediate Accounting II
Analyzes stockholders’ equity, dilutive securities, investments, issues related to income determination including revenue recognition, accounting for income taxes, pensions, leases and error analysis, preparation and analysis of financial statements, including price level changes and statement of changes in financial position. Prerequisite: ACCT 3113.

ACCT 3133 Cost Accounting
Provides the students with basic cost principles, job order costing, process and joint costing, and estimated costs. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, and BADM 2523.

ACCT 3143 Individual Income Tax Accounting
Surveys current individual income tax laws. Topics include filing requirements, includable income, adjustments, itemized deductions, and tax credits. Prerequisite: ACCT 2203.

ACCT 3243 Accounting Information Systems
The design and development of accounting systems and data uses. Prerequisite: ACCT 2203.

ACCT 4123 Internal Auditing
Provides an understanding of the concepts associated with audits that go beyond the traditional financial audit. These audits have been described by various names such as: operational audits, program audits, management audits, and performance audits. Prerequisite: ACCT 2203.

ACCT 4323 Not-For-Profit and Governmental Accounting
An activity course involving the study of accounting processes and procedures used by state and local governmental units and other selected not-for-profit entities. Prerequisite: ACCT 2203.

ACCT 4793 Accounting Internship
Supervised professional-level accounting assignment with a business firm, government agency, or not-for-profit agency. Prerequisites: ACCT 3113 and permission of instructor.

Business Administration

BADM 1203 Introduction to Business
Introductory course for business majors. Survey of basic principles, forms, and practices involved in administration of business.

BADM 2013 Personal Finance
Non-technical personal finances. Practical applications in budgeting, banking, borrowing, insurance, investment, taxes, home ownership, and family financial planning. May be taken for elective credit only.

BADM 2523 Business Communications
Communication process in the business environment. Topics include business letters and memos, reports (both written and oral), listening skills, and employment messages. Prerequisite: ENGL 1113.

BADM (MATH) 2843 Business Statistics
An introduction to basic statistical terminology, organization of data, measures of central tendency and dispersion, and application of statistical techniques. Includes elementary probability, sampling, estimation, hypothesis testing, and a variety of other statistical techniques. Prerequisite: MATH 1513 or Instructor's permission.

BADM 3323 Legal Environment of Business
This course covers the principles of business law for normal business transactions, with emphasis on the judicial system, general contracts, bailments, and sales contracts.

BADM 3333 Business Ethics
Explores finance, accounting, business and legal decision making from an ethical perspective by both organizations and individuals. Prerequisite: MGMT 3013.

BADM 3913 Communication Skills for Managers and Professionals
A course designed to develop oral and written skills for managers and professionals. Common problems and solutions will be stressed with an emphasis on practical applications to meet individual needs.
**BADM 4333 International Business**
Investigates cultural influences, government and business structures in a global economy through studying trade relations, marketing and promotion, production system, labor contracts and international finance and accounting. Prerequisite: MGMT 3013.

**BADM 4793 Business Internship**
Supervised professional-level business assignment with a business firm, government agency, or not-for-profit agency. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843, Junior/Senior standing, and permission of instructor.

**Economics**

**ECON 2113 Principles of Macroeconomics**
A study of economy-wide resource allocation choices and macro-economic policies that affect unemployment, inflation, national income, and economic growth.

**ECON 2123 Principles of Microeconomics**
The development and application of price theory to the resource allocation decisions of individuals and market participants.

**ECON 2190 Seminar in Economics**
Designed to apply economic theory to real-world situations. Prerequisites: ECON 2113 and ECON 2123. (1-4 credit hours.)

**ECON 3003 International Economic Issues and Policies**
A survey of global economic issues and policies that are related to international trade and finance.

**ECON 3413 Comparative Economic Systems**
The economics of socialism and capitalism, major world trading blocs, and developing countries and those in transition. Prerequisite: ECON 2113.

**Entrepreneurship**

**ENTR 3233 Marketing for the Entrepreneur**
Identifies and applies the different marketing visions, approaches and practices used by entrepreneurs to compete in highly competitive markets, identifying the differing strategic and tactical focuses and applications used by today’s entrepreneurs for the strategic application of various technologies. Prerequisite: MKTG 3113.

**ENTR 3303 Entrepreneurial Finance**
Focuses on the primary financial elements necessary in starting, growing, and harvesting a business, to include financial assessment of opportunity, marshaling resources, bootstrapping, creating the financial package cash flow, and sources of capital. Prerequisite: FINA 3503.

**ENTR 4013 New Venture Development**
Focuses on the early development of independent ventures as well as those within established organizations, addressing thought processes of entrepreneurs that challenge existing norms and pave the way for novel solutions to problems at both the individual and organizational levels. Prerequisite: MGMT 3013.

**ENTR 4323 Managing the Growing Business**
Teaches the students to anticipate the unique and specific problems that accompany starting and growing an entrepreneurial firm by creating value through innovation and opportunity capture rather than by merely the efficient management of ongoing operations. Prerequisite: MGMT 3013.

**Finance**

**FINA 3503 Principles of Finance**
An introductory course in financial management of capital in a business firm. Operational and strategic financial problems including allocation of funds, asset management, financial information systems, financial structure, policy determination, and analysis of the financial environment. Prerequisite: ACCT 2203.

**Management**

**MGMT 3013 Principles of Management**
A management course with emphasis on business ethics and management principles and theory, along with current management practices as they relate to human behavior.

**MGMT 3233 Human Resources Development**
Distinguishes between training and development and addresses the functions and needs for organizational and individual training. Prerequisite: MGMT 3313.

**MGMT 3303 Organizational Behavior**
Approaches the functions and problems of management from a behavioral viewpoint. Examines individuals and groups in effective organizations and integrates these concepts with organizational structure and process considerations. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, and BADM 2523, MGMT 3013.

**MGMT 3313 Human Resources Management**
Studies the functions of Human Resources and its role in the management of organizations. Selected theories, concepts, and principles of HR will be studied and applied in the context of the current business environment. Prerequisite: MGMT 3303.
MGMT 3323 Compensation and Benefits
Compensation issues in organizations including: determining general wage and salary structure, total compensation systems, equity issues, legal issues, employee benefits administration, and theoretical issues. Prerequisite: MGMT 3313.

MGMT 3333 Employment and Labor
Management techniques for the administration of labor agreements; collective bargaining and union-management relations; and evaluation of labor relations in union and non-union organizations. Prerequisite: MGMT 3313.

MGMT 3353 Organizational Theory
The design and inter-relationships of formal organizations and the communication needs for efficiency and effectiveness.

MGMT 3413 Production/Operations Management
Analyzes the different tools used by management to improve the decision-making process in production functions. Topics include productivity, strategy, decision making, quality improvement, work measurement, and project management. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, and BADM 2523.

MGMT 3423 Management Information Systems
Analyzes the use of information systems for management decision making. Examines traditional information systems development from the end-user’s perspective. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, BADM 2523, and CS 1113.

MGMT 4033 Entrepreneurship
Examines the fundamentals of organizing a small business. Topics include entrepreneurship, the business plan, strategic planning, forms of ownership, marketing, pricing, cash flows, financial planning, and ethical and legal concerns in business. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, BADM 2523, and MGMT 3013.

MGMT 4333 Selection and Evaluation
Theoretical, legal, methodological, and substantive issues related to selection and performance appraisal of employees. Includes job analysis and validation, test development and administration, adverse impact analysis, and affirmative action. Prerequisite: MGMT 3313.

MGMT 4413 Quantitative Methods
Studies management science/operations research techniques used in analytical decision making. The major topics covered include: linear programming modeling and solution, distribution problems, network models, project management, and decision analysis. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2843, and BADM 2523.

MGMT 4813 Strategies and Policies
Capstone experience that studies strategic management, including environmental analysis, strategy formulation and implementation, administrative policy, and the strategic control process. Analyzes problems confronted by upper-level managers and applies concepts from prior business courses. Prerequisite: senior in Bachelor of Science in Business Administration.

Marketing

MKTG 3113 Principles of Marketing
A survey course of the functions of domestic and international marketing.

MKTG 3313 E-Marketing
E-Marketing addresses how businesses use the Internet and other electronic technologies as marketing tools. The emphasis is on understanding the unique opportunities and challenges associated with electronic marketing in order to better implement a firm’s overall marketing strategy. This course will discuss e-commerce, effective websites, search engine results, advertising banners, and database marketing. Prerequisites: MKTG 3113.

MKTG 3323 Consumer Behavior
An integrative strategic marketing approach to consumer behavior analyzing the acquisition, consumption, and disposition of goods and services by consumers and organizations. Topics will include internal and external variables that influence buying decisions, buying processes, buyer-seller relationships, positioning and branding, information processing. Issues of ethics and global marketing are considered. Prerequisites: MKTG 3113.

MKTG 3453 Sales and Sales Management
Principles of selling are addressed. Distinguishes between the complementary functions of marketing and sales. Management concepts including supervision, control of sales divisions, sales planning, research, motivation, compensation of salespeople, and ethical issues are discussed. Prerequisite: MKTG 3113.

MKTG 4153 Integrated Marketing Communications (IMC)
This course will examine a blended approach toward managing a company’s marketing promotional mix and communications messaging and mediums. This course will explore the role of IMC in a traditional marketing plan and in an integrated marketing offer and message to targeted customers. Prerequisite: MKTG 3113.
MKTG 4223 Supply Chain Management
The physical supply and distribution function in business management, including channel selection, transportation, facility location, and materials management; concentrates on the analytical and managerial methods necessary for the development and control of an integrated logistics system. Prerequisite: MKTG 3113.

MKTG 4333 Marketing Research
Examines the systematic research to marketing management decision making including identifying problems, determining information needs, designing research, collecting data, analyzing and interpreting the data, and reporting the results of the research findings. Prerequisites: BADM 2843 and MKTG 3113.

MKTG 4343 Marketing Management
Focuses on the application of marketing concepts to managerial decision making across topic areas of corporate level strategy, marketing research, markets, products, pricing, promotion, and distribution. Prerequisites: MKTG 4333, MKTG 3313, MKTG 3323.
School of Liberal Arts

Dr. Frank Elwell, Dean

Departments

- Communications and Fine Arts
- Social and Behavioral Sciences
# Liberal Arts Degrees

## Bachelor Degrees

Communications (B.A.)
- Communication Arts*
- Corporate Communications
- Radio-Television

Justice Administration (B.S.)

Liberal Arts (B.A.)

Social Science (B.S.)
- History and Political Science
- Psychology and Sociology

### Minors

- Alcohol and Drug Abuse Counseling
- Art
- Communication Arts*
- Corporate Communications
- English
- History
- Humanities
- Justice Administration
- Political Science
- Psychology
- Radio-Television
- Sociology
- Technical Writing

## Associate Degrees

Art (A.A.)
- General
- Art History
- Graphics

Early Childhood/Elementary Education (A.A.)

Secondary Education (A.A.)

Law/Justice Careers (A.A.)
- Criminal Justice

Legal Assisting (A.A.)

Liberal Arts (A.A.)
- General
- English
- Native American Studies

Police Science (A.A.S.)
- Collegiate Officer Program (COP)
- Law Enforcement

Radio – Television (A.A.)

Social Science (A.A.)
- History
- Political Science
- Psychology
- Sociology

*Bachelor of Arts in Communications, Option: Communication Arts, pending approval by the Oklahoma State Regents for Higher Education.*
COMMUNICATIONS AND FINE ARTS DEPARTMENT
SCHOOL OF LIBERAL ARTS

Dr. Jeffery Gentry, Department Head

<table>
<thead>
<tr>
<th>Dr. Guido Arze</th>
<th>Dr. Emily Dial-Driver</th>
<th>Mr. Eldon Hallum</th>
<th>Ms. Frances Morris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. David Blakely</td>
<td>Dr. Sally Emmons-Featherston</td>
<td>Dr. Nat Hardy</td>
<td>Dr. Chip Rogers</td>
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<tr>
<td>Dr. Richard Boyd</td>
<td>Dr. Juliet Evusa</td>
<td>Ms. Diana Lurz</td>
<td>Dr. Gregory Thompson</td>
</tr>
<tr>
<td>Mr. Bryce Brimer</td>
<td>Dr. Hugh Foley</td>
<td>Dr. Michael McKeon</td>
<td>Ms. Renee Turk</td>
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<tr>
<td>Ms. Lori Butler</td>
<td>Dr. James Ford</td>
<td>Dr. Mary Mackie</td>
<td>Ms. Sheila Warwick</td>
</tr>
<tr>
<td>Mr. Joseph Cernuto</td>
<td>Dr. Laura Gray</td>
<td>Mr. Gary Moeller</td>
<td>Mr. Lee Williams</td>
</tr>
</tbody>
</table>

THE GOALS OF THE DEPARTMENT OF COMMUNICATIONS AND FINE ARTS

1. Foster the skills of critical thinking, writing, research, and oral communication among our students.

2. Serve the University and the community through the provision of quality general education courses that prepare students for their adult roles as citizens and carriers of culture.

3. Offer innovative programs and quality teaching within the classroom and through distance education.

4. Facilitate the formation of a group of scholars, consisting of faculty and students that meet outside of course/credit settings.

5. Encourage faculty scholarship.

6. Provide traditional and nontraditional students quality associate and baccalaureate degrees.

7. Foster the values of scholarship, creativity, appreciation of diversity, and community service among our faculty, staff, and students.

8. Recruit and retain high quality students, both traditional and nontraditional.

PROGRAMS OF STUDY

Bachelor of Arts

- Communications
  - Option: Communication Arts*
  - Option: Corporate Communications
  - Option: Radio–Television

Liberal Arts

Minors

- Art
- Communication Arts
- Corporate Communications
- English
- Humanities
- Radio–Television
- Technical Writing

Associate in Arts

- Art
  - Option: General
  - Option: Art History
  - Option: Graphics

Liberal Arts

- Option: General
- Option: Native American Studies
- Option: English

Radio–Television

---

* Bachelor of Arts in Communications, Option: Communication Arts, pending approval by the Oklahoma State Regents for Higher Education.
## BACHELOR OF ARTS
### LIBERAL ARTS (109)

*This degree offered online at www.rsuonline.edu*

The Bachelor of Arts in Liberal Arts degree offers students a demanding, broad-based, general educational and multi-disciplinary foundation. The degree consists of 120 credit hours of study, 41 of those credit hours in general education and 51 credit hours from the degree program requirements. The program offers areas of concentration in English, Fine Arts, and Global Humanities.

**REQUIRED HOURS .................................................................................................................. 120**

### Communications ......................................................... 9

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<th>Course</th>
<th>Description</th>
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<tr>
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<td>Composition I</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
</tr>
<tr>
<td>SPCH 1113</td>
<td>Speech Communication</td>
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### Social and Behavioral Sciences .................................. 9

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<td>HIST 2483</td>
<td>American History to 1877</td>
</tr>
<tr>
<td>HIST 2493</td>
<td>American History since 1877</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Federal Government</td>
</tr>
</tbody>
</table>

### Social Science ......................................................... 3

**Select one of the following:**

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<th>Course</th>
<th>Title</th>
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<td>ECON 2113</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2123</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
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### Science and Mathematics ......................................... 11

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<table>
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<tr>
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<tr>
<td>CHEM 1315</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>GEOL 1014</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 1114</td>
<td>Physical Geology</td>
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<td>GEOL 1124</td>
<td>Physical Geography</td>
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<tr>
<td>GEOL 1224</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>GEOL 2124</td>
<td>Astronomy</td>
</tr>
<tr>
<td>PHYS 1014</td>
<td>General Physical Science</td>
</tr>
<tr>
<td>PHYS 1114</td>
<td>General Physics I</td>
</tr>
<tr>
<td>BIOL 1114</td>
<td>General Biology</td>
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<td>BIOL 1134</td>
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</tr>
<tr>
<td>BIOL 1144</td>
<td>General Cellular Biology</td>
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### Biological Science ...................................................... 4

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<tr>
<td>MATH 1503</td>
<td>Mathematics for Critical Thinking</td>
</tr>
<tr>
<td>MATH 1513</td>
<td>College Algebra</td>
</tr>
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<td>MATH 1613</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 1715</td>
<td>Pre-Calculus</td>
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<tr>
<td>MATH 2264</td>
<td>Analytical Geometry and Calculus I</td>
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### Mathematics ............................................................... 3

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<table>
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<th>Course</th>
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<tr>
<td>ART (HUM) 1113</td>
<td>Art Appreciation</td>
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<tr>
<td>COMM (HUM) 2413</td>
<td>Theatre Appreciation</td>
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<tr>
<td>ENGL 2613</td>
<td>Introduction to Literature</td>
</tr>
<tr>
<td>HUM 2893</td>
<td>Cinema</td>
</tr>
<tr>
<td>MUSC (HUM) 2573</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>PHIL 1113</td>
<td>Introduction to Philosophy</td>
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### Humanities ................................................................. 6

**Select from the following:**

<table>
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<th>Course</th>
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<td>BIOL 3104</td>
<td>Plants and Civilization</td>
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<tr>
<td>ECON 3003</td>
<td>International Economic Issues and Policies</td>
</tr>
<tr>
<td>GEGG 2243</td>
<td>Human Geography</td>
</tr>
<tr>
<td>HIST 2013</td>
<td>World Civilization I</td>
</tr>
<tr>
<td>HIST 2023</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>LANG 1113</td>
<td>Foundations of World Languages</td>
</tr>
<tr>
<td>NAMS 1143</td>
<td>Native Americans of North America</td>
</tr>
<tr>
<td>NAMS 2503</td>
<td>Cherokee I</td>
</tr>
<tr>
<td>PHIL 1313</td>
<td>Values and Ethics</td>
</tr>
<tr>
<td>POLS 3053</td>
<td>International Relations</td>
</tr>
<tr>
<td>SPAN 1113</td>
<td>Beginning Spanish I</td>
</tr>
</tbody>
</table>

### Global Studies ............................................................ 3

**Select from the following:**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Elective</td>
<td>Choose 3 hours from courses not selected above.</td>
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</table>

Program Core Requirements .............................................24
Students in the program are required to take courses other than HUM 2113, HUM 2223, under “Humanities,” and HUM 3633 from the selections under “Global Studies” in the General Education Requirements.

| ART    | 3013 | Western Art History 1400-1850 |
| ENGL   | 3123 | Advanced Topics in Composition |
| ENGL   | 4453 | Literary Traditions |
| HUM    | 2113 | Humanities I |
| HUM    | 2223 | Humanities II |
| HUM    | 3633 | Comparative Religion |
| HUM    | 4013 | Senior Capstone Project/Portfolio |
| HUM    | 4993 | Seminar in Humanities |

Choose two areas of concentration

English .............................................................................12
Nine hours must be upper level.

| ENGL   | 2313 | World Literature to 1600 |
| ENGL   | 2543 | British Literature to 1700 |
| ENGL   | 2773 | American Literature to 1865 |
| ENGL   | 3113 | Advanced Technical Writing |
| ENGL   | 3423 | The Novel |
| ENGL   | 3443 | Studies in Poetry |
| ENGL   | 4133 | Fiction Writing |
| ENGL   | 4143 | Poetry Writing |
| ENGL   | 4223 | Shakespeare |
| NAMS   | 4123 | Native American Literature |

Fine Arts ...........................................................................12
Nine hours must be upper level.

| ART    | 1223 | Communications Graphics I |
| ART    | 3003 | Western Art History to 1400 |
| ART    | 3213 | Western Art History 1850-Present |
| ART    | 3313 | Art Theory I |
| ART    | 4313 | Art Theory II |
| MUSC   | 2563 | Fundamentals of Music |
| MUSC   | 3723 | History of Music |

Global Humanities ............................................................12
Nine hours must be upper level.

| HUM    | 3113 | Studies in African American Culture |
| HUM    | 4003 | Multi-Media Communications |
| HUM    | 4113 | International Cinema |
| HUM    | 4413 | Women in the Literary and Visual Arts |
| NAMS   | 3113 | Contemporary Native American Issues |
| PHIL   | 1113 | Introduction to Philosophy |
| PHIL   | 3213 | Philosophy of Law |
| POLS   | 3053 | International Relations |
| SOC    | 3043 | Social Ethics |

World Languages ..............................................................3
(Students are required to take SPAN 1113 before taking the following SPAN courses, and NAMS 2503 before NAMS 2623, or meet the through testing)

| NAMS   | 2623 | Beginning Cherokee II |
| SPAN   | 1223 | Beginning Spanish II |
| SPAN   | 2113 | Intermediate Spanish I |
| SPAN   | 2223 | Intermediate Spanish II |

Selected Minor ...............................................................18-24

Liberal Arts Electives ......................................................18
(At least 9 of which must be upper level.)

Free Electives ...............................................................4-10

Total Credit Hours .........................................................120
# BACHELOR OF ARTS

## COMMUNICATIONS (114)

**OPTION:** COMMUNICATION ARTS* (114A)  
**OPTION:** CORPORATE COMMUNICATIONS (114C)  
**OPTION:** RADIO-TELEVISION (114X)

The Bachelor of Arts in Communications degree stresses competence in oral and written communication and critical thinking skills. In addition, the student will acquire specific knowledge and skills needed to function in a variety of career opportunities at broadcast facilities and audio and video production houses. Such careers include management of print or broadcast media, marketing, advertising, public relations, sales, and promotion.

### REQUIRED HOURS ......................................................... 120

| Communications .......................................................... 9 |
| ENGL 1113 Composition I |
| ENGL 1213 Composition II |
| SPCH 1113 Speech Communication |

| Social and Behavioral Sciences ........................................ 9 |
| History ................................................................. 3 |
| Select one of the following: |
| HIST 2483 American History to 1877 |
| HIST 2493 American History since 1877 |
| POLS 1113 American Federal Government ........... 3 |

| Social Science .......................................................... 3 |
| Select one of the following: |
| ECON 2113 Principles of Macroeconomics |
| ECON 2123 Principles of Microeconomics |
| PSY 1113 Introduction to Psychology |
| SOC 1113 Introduction to Sociology |

| Science and Mathematics ............................................. 11 |
| Physical Science ......................................................... 4 |
| Select from the following: |
| CHEM 1315 General Chemistry I |
| GEOL 1014 Earth Science |
| GEOL 1114 Physical Geology |
| GEOL 1124 Physical Geography |
| GEOL 1224 Historical Geology |
| GEOL 2124 Astronomy |
| PHYS 1014 General Physical Science |
| PHYS 1114 General Physics I |

| Biological Science .................................................. 4 |
| Select from the following: |
| BIOL 1114 General Biology |
| BIOL 1134 General Environmental Biology |
| BIOL 1144 General Cellular Biology |

| Mathematics ............................................................... 3–5 |
| Select from the following: |
| MATH 1503 Mathematics for Critical Thinking |
| MATH 1513 College Algebra |
| MATH 1613 Trigonometry |
| MATH 1715 Pre-Calculus |
| MATH 2264 Analytical Geometry and Calculus I |

| Humanities ................................................................. 6 |
| Select from the following: |
| ART (HUM) 1113 Art Appreciation |
| COMM (HUM) 2413 Theatre Appreciation |
| ENGL 2613 Introduction to Literature |
| HUM 2113 Humanities I |
| HUM 2223 Humanities II |
| HUM 2893 Cinema |
| MUSC (HUM) 2573 Music Appreciation |
| PHIL 1113 Introduction to Philosophy |

| Global Studies .............................................................. 3 |
| Select from the following: |
| BIOL 3014 Plants and Civilization |
| ECON 3003 International Economic Issues and Policies |
| GEOG 2243 Human Geography |
| HIST 2013 World Civilization I |
| HIST 2023 World Civilization II |
| LANG 1113 Foundations of World Languages |
| NAMS 1143 Native Americans of North America |
| NAMS 2503 Cherokee I |
| PHIL 1313 Values and Ethics |
| POLS 3053 International Relations |
| SPAN 1113 Beginning Spanish I |

| Elective ................................................................. 3 |

Choose 3 hours from courses not selected above.

### Program Requirements

| Common Core ........................................................... 24 |
| COMM 1003 Introduction to Mass Communication |
| COMM 1123 Interpersonal Communication |
| COMM 3023 Writing for the Media |
| COMM 3253 Argumentation & Persuasion |
| COMM 3833 Communications Theory |
| COMM 4163 Global Communication |
| COMM 4913 Senior Capstone |
| SBS 3013 Research Methods I: Research Designs |
Communication Arts* ..............................................15

Required Courses
COMM 1713 Voice & Articulation
COMM 2523 Acting
COMM 3613 Mass Media Communication
COMM 4223 Communication in Organizations
COMM 4513 Script Writing

Corporate Communications Option .....................15

Required Courses
COMM 2003 Video Production
COMM 2723 Small Group Discussion
COMM 3033 Corporate Media Production
COMM 3113 Public Relations Strategies
COMM 4223 Communications in Organizations

Radio–Television Option ......................................15

Required Courses
COMM 2003 Video Production
COMM 2013 Audio Production
COMM 3173 News Reporting
COMM 3413 Media Law
COMM 3753 Advanced Broadcast Practicum

Electives .................................................................9
(Also eligible are any courses listed in an alternate option above.)
    BADM 3913 Communication Skills for Managers and Professionals
    COMM 2703 Radio–Television Announcing
    COMM 3233 Media Sales & Advertising
    COMM 3853 Sports Broadcasting
    COMM 4203 Media Management
    COMM 4253 Broadcasting Internship
    COMM 4283 Corporate Communication Internship
    POLS 4323 Women and Minorities in Media
    POLS 4043 Media and Politics

Selected Minor ..................................................18–24

Free Electives ......................................................7–13

Total Credit Hours ..............................................120

*Bachelor of Arts in Communications, Option: Communication Arts, pending approval by the Oklahoma State Regents for Higher Education.
A minor requires completion of at least 18-24 designated credit hours of course work outside the student’s major field, including a minimum of 9 upper-division credit hours and at least a 6-hour required core. The same courses may not be used to fulfill the requirements for both a major and a minor. No more than one course (3-4 credit hours) under General Education can be used for a minor.

MINOR IN ART (001)

Core Courses ............................................ 9
ART 1103 Art Foundations I
ART 1203 Art Foundations II
ART 1413 Drawing I

Electives .................................................. 12
Nine hours must be upper level.
ART 1833 Introduction to Black/White Photography
ART 1913 Printmaking I
ART 2113 Life Drawing I
ART 2213 Watercolor I
ART 2413 Three-dimensional Art I
ART 2453 Wheel-throwing I
ART 2813 Painting I
ART 3013 Western Art History 1400-1850
ART 3113 Life Drawing II
ART 3213 Western Art History 1850-Present
ART 3313 Art Theory I
ART 4313 Art Theory II

Total Credit Hours ...................................... 21

Not open to students choosing Fine Arts concentration in Bachelor of Arts in Liberal Arts.

MINOR IN CORPORATE COMMUNICATIONS (114C)

Core Courses ............................................ 9
COMM 1003 Introduction to Mass Communication
COMM 3113 Public Relations Strategies
COMM 3413 Media Law

Electives .................................................. 9
COMM 2003 Video Production
COMM 2723 Small Group Discussion
COMM 3023 Writing for the Media
COMM 3033 Corporate Media Production
COMM 3233 Media Sales & Advertising
COMM 4223 Communications in Organizations

Total Credit Hours ...................................... 18

*Other courses with a COMM prefix may be applied toward this emphasis upon the recommendation of the student’s advisor and the approval of the department head and the Dean of Liberal Arts.

Not open to students choosing Bachelor of Arts in Communications.

MINOR IN ENGLISH (023E)

Core Courses ............................................ 9
ENGL 2613 Introduction to Literature
ENGL 3123 Topics in Advanced Composition
ENGL 4453 Literary Traditions

Electives .................................................. 9
At least three hours must be upper level.
ENGL 2023 Creative Writing
ENGL 2313 World Literature to 1600
ENGL 2333 Technical Writing
ENGL 2543 British Literature to 1700
ENGL 2613 Introduction to Literature
ENGL 2653 British Literature from 1700
ENGL 2773 American Literature to 1865
ENGL 2883 American Literature from 1865
ENGL 2933 World Literature from 1600
ENGL 3113 Advanced Technical Writing
ENGL 3423 The Novel
ENGL 4133 Fiction Writing
ENGL 4143 Poetry Writing
NAMS 4123 Native American Literature

Total Credit Hours ...................................... 18

Not open to students choosing Bachelor of Arts in Liberal Arts with English concentration.
**MINOR IN HUMANITIES (109H)**

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<tr>
<td>HUM 2113 Humanities I</td>
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<td>HUM 2223 Humanities II</td>
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<td>HUM 3633 Comparative Religion</td>
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<tr>
<td>HUM 4413 Women in the Literary and Visual Arts</td>
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**Electives ........................................... | 9**

*Select two from the following .................. | 6*

- ENGL 2613 Introduction to Literature
- HUM (ART) 1113 Art Appreciation
- HUM 2003 History of Theatre
- HUM (MUSC) 2573 Music Appreciation
- HUM 2603 Introduction to the Old Testament
- HUM 2623 Introduction to the New Testament
- HUM 2893 Cinema
- PHIL 1113 Introduction to Philosophy
- PHIL 1313 Values and Ethics

**Select one from the following .................. | 3**

- HUM 3113 Studies in African-American Culture
- HUM 3213 Studies in Latin American Culture
- HUM 4113 International Cinema
- MUSC 3723 History of Music
- NAMS 3113 Contemporary Native American Issues

**Total Credit Hours .............................. | 21**

*Not open to students choosing Bachelor of Arts in Liberal Arts with Global Humanities concentration.*

**MINOR IN RADIO–TELEVISION (114X)**

<table>
<thead>
<tr>
<th>Core</th>
<th>.................</th>
<th>9</th>
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<tbody>
<tr>
<td>COMM 1003 Introduction to Mass Communication</td>
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<td></td>
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<tr>
<td>COMM 2003 Video Production</td>
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<td>COMM 2013 Audio Production</td>
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**Electives ........................................... | 9**

- COMM 2703 Radio/Television Announcing
- COMM 3023 Writing for the Media
- COMM 3173 News Reporting
- COMM 3233 Media Sales & Advertising
- COMM 3413 Media Law
- COMM 3753 Advanced Broadcast Practicum

**Total Credit Hours .............................. | 18**

*Other courses with a COMM prefix may be applied toward this emphasis upon the recommendation of the student’s advisor and the approval of the department head and the Dean of Liberal Arts.*

*Not open to students choosing Bachelors of Arts in Communications.*
ASSOCIATE IN ARTS

ART
OPTION: GENERAL (001)

This course of study emphasizes the theory and practice of visual art. Through studio classes, students will gain hands-on experience in creative processes with the development of an individual student portfolio as the planned result. Other classes are devoted to practical and aesthetic applications of art to society, to the business of art, and to working with both fellow artists and non-artists on creative projects.

REQUIRED HOURS .............................................. 65

Communications ............................................. 9
   ENGL 1113 Composition I
   ENGL 1213 Composition II
   SPCH 1113 Speech Communication

Social and Behavioral Sciences ............................. 9
   History ..................................................... 3
      Select one of the following:
      HIST 2483 American History to 1877
      HIST 2493 American History since 1877
   POLS 1113 American Federal Government 3

Social Science .................................................. 3
   Select one of the following:
   ECON 2113 Principles of Macroeconomics
   ECON 2123 Principles of Microeconomics
   PSY 1113 Introduction to Psychology
   SOC 1113 Introduction to Sociology

Science and Mathematics .................................. 11
   Physical Science .......................................... 4
      Select from the following:
      CHEM 1315 General Chemistry I
      GEOL 1014 Earth Science
      GEOL 1114 Physical Geology
      GEOL 1124 Physical Geography
      GEOL 1224 Historical Geology
      GEOL 2124 Astronomy
      PHYS 1014 General Physical Science
      PHYS 1114 General Physics I

   Biological Science ....................................... 4
      Select from the following:
      BIOL 1114 General Biology
      BIOL 1134 General Environmental Biology
      BIOL 1144 General Cellular Biology

   Mathematics ............................................... 3
      Select from the following:
      MATH 1503 Mathematics for Critical Thinking
      MATH 1513 College Algebra
      MATH 1613 Trigonometry
      MATH 1715 Pre-Calculus
      MATH 2264 Analytic Geometry and Calculus I

Humanities ..................................................... 6
   Select from the following:
   ART (HUM) 1113 Art Appreciation
   COMM (HUM) 2413 Theatre Appreciation
   ENGL 2613 Introduction to Literature
   HUM 2113 Humanities I
   HUM 2223 Humanities II
   HUM 2893 Cinema
   MUSC (HUM) 2573 Music Appreciation
   PHIL 1113 Introduction to Philosophy

Global Studies ................................................. 3
   Select one of the following:
   BIOL 3104 Plants and Civilization
   ECON 3003 International Economic Issues and Policies
   GEOG 2243 Human Geography
   HIST 2013 World Civilization I
   HIST 2023 World Civilization II
   HUM 3633 Comparative Religion
   LANG 1113 Foundations of World Languages
   NAMS 1143 Native Americans of North America
   NAMS 2503 Cherokee I
   PHIL 1313 Values and Ethics
   POLS 3053 International Relations
   SPAN 1113 Beginning Spanish I

Elective ......................................................... 3
   Choose three hours from courses not selected above.

Program Core Requirements ............................... 12
   ART 1103 Art Foundations I
   ART 1203 Art Foundations II
   ART 3313 Art Theory I

   Select one of the following:
   ART 3003 Western Art History to 1400
   ART 3013 Western Art History 1400-1850
   ART 3213 Western Art History 1850-Present

Program Selected Electives ............................... 9
   Select from the following to equal nine credit hours:
   ART 1223 Communications Graphics I
   ART 1413 Drawing I
   ART 1423 Drawing II
   ART 1913 Printmaking I
   ART 2113 Life Drawing I
   ART 2213 Watercolor I
   ART 2413 Three-dimensional Art I
   ART 2443 Three-dimensional Art II
   ART 2453 Wheel-throwing I
   ART 2813 Painting I

Elective ......................................................... 3

Total Credit Hours .......................................... 65

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ASSOCIATE IN ARTS

ART

OPTION: ART HISTORY (001H)

Art history incorporates the study of histories, theories, practices, and motivations of artists and their environments. This program is designed to prepare the student to enter the complex world of art with an understanding of aesthetic histories that can also be applied to the vocabulary of contemporary art.

REQUIRED HOURS ........................................ 65

Communications ........................................ 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government ....... 3

Social Science ........................................ 3
Select one of the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ................................ 11
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ........................................ 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ........................................ 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

Humanities ........................................ 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ........................................ 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ........................................ 3
Choose three hours from courses not selected above.

Program Core Requirements ......................... 12
ART 1103 Art Foundations I
ART 1203 Art Foundations II
ART 3313 Art Theory I

Select one of the following:
ART 3003 Western Art History to 1400
ART 3013 Western Art History 1400-1850
ART 3213 Western Art History 1850-Present

Program Selected Electives ......................... 9
Select from the following to equal nine credit hours:
ART 1113 Art Appreciation
ART 2733 History of Non-Western Art
ART 2910 Individual Studio (Art History)
ART 3003 Western Art History to 1400
ART 3013 Western Art History 1400-1850
ART 3213 Western Art History 1850-Present
ART 3910 Directed Studies
HUM 2893 Cinema

Elective ........................................ 3

Total Credit Hours ..................................... 65
ASSOCIATE IN ARTS

ART
OPTION: GRAPHICS (001G)

This program is focused on creative efforts directed at everyday applications and professional gain. Students are required to experience and study fine art as it applies to the creation of design for commercial and nonprofit organizations and for individual career development.

**REQUIRED HOURS ........................................65**

**Communications .............................................9**
- ENGL 1113 Composition I
- ENGL 1213 Composition II
- SPCH 1113 Speech Communication

**Social and Behavioral Sciences ............................9**
**History .................................................................3**
- HIST 2483 American History to 1877
- HIST 2493 American History since 1877
- POLS 1113 American Federal Government .............3

**Social Science .....................................................3**
- ECON 2113 Principles of Macroeconomics
- ECON 2123 Principles of Microeconomics
- PSY 1113 Introduction to Psychology
- SOC 1113 Introduction to Sociology

**Science and Mathematics ....................................11**
**Physical Science ................................................4**
- CHEM 1315 General Chemistry I
- GEOL 1014 Earth Science
- GEOL 1114 Physical Geology
- GEOL 1124 Physical Geography
- GEOL 1224 Historical Geology
- GEOL 2124 Astronomy
- PHYS 1014 General Physical Science
- PHYS 1114 General Physics I

**Biological Science ..............................................4**
- BIOL 1114 General Biology
- BIOL 1134 General Environmental Biology
- BIOL 1144 General Cellular Biology

**Mathematics .........................................................3**
- MATH 1503 Mathematics for Critical Thinking
- MATH 1513 College Algebra
- MATH 1613 Trigonometry
- MATH 1715 Pre-Calculus
- MATH 2264 Analytic Geometry and Calculus I

**Humanities .........................................................6**
**Select from the following:**
- ART (HUM) 1113 Art Appreciation
- COMM (HUM) 2413 Theatre Appreciation
- ENGL 2613 Introduction to Literature
- HUM 2113 Humanities I
- HUM 2223 Humanities II
- HUM 2893 Cinema
- MUSC (HUM) 2573 Music Appreciation
- PHIL 1113 Introduction to Philosophy

**Global Studies ....................................................3**
**Select one of the following:**
- BIOL 3104 Plants and Civilization
- ECON 3003 International Economic Issues and Policies
- GEOG 2243 Human Geography
- HIST 2013 World Civilization I
- HIST 2023 World Civilization II
- HUM 3633 Comparative Religion
- LANG 1113 Foundations of World Languages
- NAMS 1143 Native Americans of North America
- NAMS 2503 Cherokee I
- PHIL 1313 Values and Ethics
- POLS 3053 International Relations
- SPAN 1113 Beginning Spanish I

**Elective ...............................................................3**
Choose three hours from courses not selected above.

**Program Core Requirements .................................12**
- ART 1103 Art Foundations I
- ART 1203 Art Foundations II
- ART 3313 Art Theory I

**Select one of the following:**
- ART 3003 Western Art History to 1400
- ART 3013 Western Art History 1400-1850
- ART 3213 Western Art History 1850-Present

**Program Selected Electives ....................................9**
**Select from the following to equal nine credit hours:**
- ART 1223 Communications Graphics I
- ART 1413 Drawing I
- ART 1833 Intro to Black/White Photography
- ART 1913 Printmaking I
- ART 2113 Life Drawing I
- ART 2213 Watercolor I
- ART 2423 Communications Graphics II
- ART 2793 Art Marketing
- ART 2813 Painting I
- ART 2883 Intro to Color Digital Photography
- ART 3123 Communications Graphics III

**Elective ...............................................................3**

**Total Credit Hours ..............................................65**

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ASSOCIATE IN ARTS
LIBERAL ARTS
OPTION: GENERAL (023)

This degree offered online at www.rsuonline.edu

A study of the liberal arts provides a strong, broad-based education. The concepts, experience, and creations of people from pre-history to the present are studied with the goal of providing the students with a sound grounding in our cultural heritage. The degree is designed to provide the student with the first two years of general education requirements for transfer to a four-year program.

REQUIRED HOURS ................................................. 62

Communications ................................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ................................. 9
History ................................................................. 3
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government ............. 3

Social Science ....................................................... 3
Select one of the following:
ECON 2123 Principles of Microeconomics
ECON 2123 Principles of Macroeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ........................................ 11
Physical Science .................................................... 4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science .................................................... 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics .......................................................... 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra

MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

Humanities ............................................................ 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ......................................................... 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ................................................................. 3
Choose three hours from courses not selected above.

Program Core Requirements ................................... 9
HUM 2113 Humanities I
HUM 2223 Humanities II
LANG 1113 Foundations of World Languages

Program Selected Electives ..................................... 9
Select three (3) courses from at least two (2) different liberal arts disciplines listed below. (Course prefixes indicate disciplines.)
Art ................................ Native American Studies
Biological Science .................. Philosophy
Economics ........................... Political Science
English ............................. Psychology
History ............................ Sociology
Humanities ......................... Spanish
Music ................................ Speech

Elective ................................................................. 3

Total Credit Hour .................................................. 62
ASSOCIATE IN ARTS
LIBERAL ARTS
OPTION: ENGLISH (023E)

A study of the liberal arts provides a strong, broad-based education. The concepts, experience, and creations of people from pre-history to the present are studied with the goal of providing the students with a sound grounding in our cultural heritage. The degree with the English emphasis is designed to provide the student with the first two years of general education requirements for transfer to a four-year program.

REQUIRED HOURS ........................................62

**Communications** ....................................9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

**Social and Behavioral Sciences** .....................9
History ......................................................3
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History Since 1877
POLS 1113 American Federal Government ..........3

Social Science .............................................3
Select one of the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

**Science and Mathematics** ..........................11
Physical Science ..........................................4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ........................................4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ..............................................3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry

MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

**Humanities** ...........................................6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

**Global Studies** ........................................3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues
and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

**Elective** ................................................3
Choose three hours from courses not selected above.

**Program Core Requirements** ........................9
HUM 2113 Humanities I
HUM 2223 Humanities II
LANG 1113 Foundations of World Languages

**Program Selected Electives** ............................9
Select from the following to equal nine credit hours:
ENGL 2023 Creative Writing
ENGL 2313 World Literature to 1600
ENGL 2543 British Literature to 1700
ENGL 2613 Introduction to Literature
ENGL 2653 British Literature from 1700
ENGL 2773 American Literature to 1865
ENGL 2883 American Literature from 1865
ENGL 2933 World Literature from 1600

**Elective** ................................................3

**Total Credit Hours** ..................................62
ASSOCIATE IN ARTS
LIBERAL ARTS
OPTION: NATIVE AMERICAN STUDIES (023N)

The Native American Studies option seeks to enhance the student’s understanding of American Indian culture, history, spirituality, language, art, and contemporary tribal issues. Through course work and extracurricular activities such as an annual, on-campus storytelling and traditional arts festival, craft workshops, and observation of intertribal dances, this option provides a solid foundation for students interested in Native American culture.

RECOMMENDED HOURS ........................................... 62

Communications ................................................... 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences .................................. 9
History
Select one of the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ...... 3

Social Science ...................................................... 3
Select one of the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ...................................... 11
Physical Science ................................................. 4
Select one of the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ................................................. 4
Select one of the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ....................................................... 3
Select one of the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

Humanities .......................................................... 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies .................................................... 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ............................................................... 3
Choose three hours from courses not selected above.

Program Core Requirements ................................. 9
HUM 2113 Humanities I
HUM 2223 Humanities II
LANG 1113 Foundations of World Languages

Program Selected Electives ................................. 9
Select from the following to equal nine credit hours.
NAMS 1123 Native American Spirituality I
NAMS 1143 Native Americans of North America
NAMS 2123 Native American Spirituality II
NAMS 2233 Native Americans of Oklahoma
NAMS 3113 Contemporary Native American Issues
NAMS 3263 Native American Law

*Elective ............................................................... 3
*CS 1113 – Microcomputer Applications is recommended.

Total Credit Hours .............................................. 62
ASSOCIATE IN ARTS
RADIO-TELEVISION (053X)

This Associate in Arts degree provides students with practical experience in the studios of KRSC-91.3 FM and KRSC-TV, UHF Channel 35, the public radio and television stations licensed to the University. A combination of technical and academic courses provide students with a basic exposure to radio and television broadcasting. The degree is designed to provide the student with general education requirements to transfer to a four-year program.

REQUIRED HOURS ........................................ 65

Communications ........................................... 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
History ..................................................... 3
Select one of the following:
   HIST 2483 American History to 1877
   HIST 2493 American History since 1877
POLS 1113 American Federal Government ....... 3

Social Science ........................................... 3
Select one of the following:
   ECON 2113 Principles of Macroeconomics
   ECON 2123 Principles of Microeconomics
   PSY 1113 Introduction to Psychology
   SOC 1113 Introduction to Sociology

Science and Mathematics .............................. 11
Physical Science ........................................ 4
Select from the following:
   CHEM 1315 General Chemistry I
   GEOL 1014 Earth Science
   GEOL 1114 Physical Geology
   GEOL 1124 Physical Geography
   GEOL 1224 Historical Geology
   GEOL 2124 Astronomy
   PHYS 1014 General Physical Science
   PHYS 1114 General Physics I

Biological Science ...................................... 4
Select from the following:
   BIOL 1114 General Biology
   BIOL 1134 General Environmental Biology
   BIOL 1144 General Cellular Biology

Mathematics ............................................. 3
Select from the following:
   MATH 1503 Mathematics for Critical Thinking
   MATH 1513 College Algebra
   MATH 1613 Trigonometry
   MATH 1715 Pre-Calculus
   MATH 2264 Analytic Geometry and Calculus I

Humanities .................................................. 6
Select from the following:
   ART (HUM) 1113 Art Appreciation
   COMM (HUM) 2413 Theatre Appreciation
   ENGL 2613 Introduction to Literature
   HUM 2113 Humanities I
   HUM 2223 Humanities II
   HUM 2893 Cinema
   MUSC (HUM) 2573 Music Appreciation
   PHIL 1113 Introduction to Philosophy

Global Studies ......................................... 3
Select one of the following:
   BIOL 3104 Plants and Civilization
   ECON 3003 International Economic Issues and Policies
   GEOG 2243 Human Geography
   HIST 2013 World Civilization I
   HIST 2023 World Civilization II
   HUM 3633 Comparative Religion
   LANG 1113 Foundations of World Languages
   NAMS 1143 Native Americans of North America
   NAMS 2503 Cherokee I
   PHIL 1313 Values and Ethics
   POLS 3053 International Relations
   SPAN 1113 Beginning Spanish I

Elective .................................................. 3
Choose three hours from courses not selected above.

Program Core Requirements ......................... 21
Select from the following:
   COMM 1003 Introduction to Mass Communication
   COMM 1103 Broadcast Equipment and Operation
   COMM 2003 Video Production
   COMM 2013 Audio Production
   COMM 2703 Radio-Television Announcing
   COMM 2801 Audio Practicum
   COMM 2811 Video Practicum
   COMM 2821 Mass Media Practicum
   COMM 3073 Writing for the Media
   or COMM 3074 Writing for the Media
   COMM 3173 News Reporting

Electives .................................................. 3
Select one of the following:
   COMM 3413 Media Law
   COMM 3613 Mass Media Communication

Total Credit Hours ................................... 65
Art

ART 1103 Art Foundations I
An introduction to the practical application and theoretical aspects of creating art on two-dimensional surfaces.

ART (HUM) 1113 Art Appreciation
Illustrated lecture course surveying the role and dimension of art with a general examination of art theory, art media, and art history.

ART 1203 Art Foundations II
An introduction to the practical application and theoretical aspects of creating art with three-dimensional media.

ART 1213 Digital Foundations
An introduction to the Macintosh operating system, peripherals, and storage of graphic-based work. Discussion of raster vs. vector graphics and their strengths and weaknesses. A broad overview of some of the software and the parameters it defines for the artist. An introduction to the issues surrounding cross platform graphics. Production of original artworks.

ART 1223 Communication Graphics I
This class provides a strong foundation in computer graphics through the use of Adobe PhotoShop and traditional design concepts with related assignments. A thorough knowledge of materials and techniques of the computer artist is stressed. Prerequisites: ART 1103 and 1203.

ART 1413 Drawing I
Introduction to various types and uses of drawings. Black and white media, space and volume relations, development of visual units of design and their integration in the whole organization. Required for Art majors. Prerequisites: ART 1103 and ART 1203.

ART 1423 Drawing II
Continuation of ART 1413 with emphasis on perspective, composition, and multi-media. Prerequisite: ART 1413, or instructor’s permission.

ART 1833 Introduction to Black and White Photography
Students will study camera operation, basic theory, materials and process, film exposure and developing techniques, contact printing and enlarging, filters and printing techniques, and print finishing. This course equips students with technical, intellectual, conceptual, and creative skills of making a photograph. Prerequisites: ART 1103 and ART 1203.

ART 1913 Printmaking I
A broad perspective and general understanding of the various printmaking processes including theory and some practical work in the following media: silkscreen, woodcuts, linoleum block, intaglio (etching), and an explanation of lithography. Prerequisites: ART 1103 and ART 1203.

ART 1923 Printmaking II
More in-depth production and study of the print disciplines covered in the first course with concentration on silkscreen and intaglio media. Prerequisite: ART 1913.

ART 2033 Advanced Black and White Photography
This course covers archival processing and print finishing techniques. Students will develop their own personal projects based on consultation with the instructor with the final result being a production of limited edition portfolios. Prerequisite: ART 1853.

ART 2113 Life Drawing I
Constructive figure drawing from the live model. Focus on creative attitudes, with maintenance of balance between perceptual and conceptual drawing activities. Required for Art majors. Prerequisites: ART 1103, ART 1203, and ART 1413 or instructor’s permission.

ART 2213 Watercolor I
Techniques and purposes of painting with watercolor. Prerequisites: ART 1103, ART 1203, and ART 1413, or instructor’s permission.

ART 2223 Watercolor II
A continuation of ART 2213 with emphasis on more advanced techniques and application. Elective for Art majors. Prerequisite: ART 2213 or instructor’s permission.

ART 2413 Three-Dimensional Art I
Experience in three-dimensional problems starting with an introduction to clay and its techniques including methods of firing, oxidation, reduction, and raku. Other sculptural processes discussed include mold making, metal casting, and carving. Prerequisites: ART 1103 and ART 1203.

ART 2423 Communication Graphics II
An in-depth study of visual communication through the use of a vector graphics software program (Adobe Illustrator) in conjunction with a raster graphics software program (Adobe PhotoShop). Assignments are designed to extend a student’s sense of visual awareness, visual literacy, creative thought, and strengthening the student’s portfolio. Prerequisite: ART 1223.

ART 2443 Three-Dimensional Art II
Further experience in three-dimensional problems, building upon the basics learned in 3-D Arts I. This course emphasizes the student’s personal approach via media and technique. Prerequisite: ART 2413.

ART 2453 Wheel-Throwing I
The nature of clay through the use of the potter’s wheel. Methods of firing include oxidation, reduction, and raku. Also discussed are glazing techniques. Prerequisites: ART 1103 and ART 1203.
ART 2463 Wheel-Throwing II
Further experience in the use of the potter’s wheel with emphasis on the student’s personal approach as well as production skills. Prerequisite: ART 2453.

ART 2553 Digital 3D Foundations
This course introduces the use of 3D programs such as Maya to create original art, illustrations, images for animation, and interactive CDs. Attention will be given to terminology. Prerequisites: ART 1103 and ART 1213. Recommended: ART 1413, ART 1423, ART 1223, or ART 2113.

ART 2733 History of Non-Western Art
A survey of art from past and present non-Western societies and art from aboriginal or immigrant non-Western populations living in Westernized society.

ART 2793 Art Marketing
Through investigation of product definition, demographics, market analysis, style identity, and portfolio preparation and presentation, this course is designed to help the student understand and access goals selling fine arts or finding an art related career. Field trips are taken and real market contacts are made. Prerequisites: ART 1103 and 1203.

ART 2813 Painting I
The study and application of painting. Comparison of history of painting and technique to student work. Visual and special relationships relative to painting. Use of either oil or acrylic paints. Required for Art majors. Prerequisites: Art 1103, ART 1203, and ART 1413, or instructor’s permission.

ART 2883 Introduction to Color Digital Photography
The concepts and techniques in electronic imaging will be explored through the use of color digital equipment and Adobe PhotoShop. Fine Arts as well as editorial photographic standards will be addressed as the basis for critical analysis including visual awareness, visual literacy, and creative thought of the finished photograph. Prerequisites: ART 1833 and ART 1223.

ART 2910 Individual Studio/Internship
One to four credit hours. Prerequisites: sophomore standing and consent of the instructor, completion of all courses in any of the following areas: Drawing, Ceramics, Life Drawing, Painting, Sculpture, Watercolor, Serigraphy (silkscreen painting), Printmaking, Interior Design, or Art History.

ART 3003 Western Art History to 1400
An in-depth study of the major art movements and works in Western art history to 1400.

ART 3013 Western Art History 1400-1850
The study of the movements, groups and individuals in Western art history. The focus of the class will be directed toward the Renaissance through the precursors of Impressionism.

ART 3113 Life Drawing II
Student will learn the technical necessity and aesthetic benefits of working from a live model. Emphasis will be on advanced concepts in drawing. Stress on historical and contemporary influences in figure drawing. Prerequisites: ART 1103, ART 1203, ART 1413, and ART 2113 or instructor’s permission.

ART 3123 Communication Graphics III
Emphasis is placed on preparing the student to successfully enter the graphic design field with an advanced understanding of design theory and a mastery of the industry’s standard software programs. Graphic design assignments are designed to create a professional quality portfolio. Creative thinking, visual literacy, and graphics theory are stressed in both print and interactive multimedia projects. Prerequisite: ART 2423.

ART 3213 Western Art History 1850-Present
The study of the most influential art and artists of Europe and the Americans during the middle and late modern periods. Aesthetic and historical influences as well as their effects on current art directions will be addressed.

ART 3313 Art Theory I
Critical theory by artists as it applies to art works and culture.

ART 3553 Digital 3D Studio
This is an advanced course that explores the tools and techniques used to create/animate rigid, inorganic/organic objects. Concepts for animating objects are discussed. Projects will include construction of buildings and texturing structures. Projects will also include the modeling of living beings. Prerequisite: ART 2553 Digital 3D Foundations.

ART 3910 Directed Studies
This course will address particular research and applications of theory and/or production in a visual art discipline. Course content to be determined each semester. Subjects will be selected from but not limited to studies in studio, graphic arts, or art history. Open to students in a graduating semester. (1-3 credit hours.)

ART 4313 Art Theory II
Critical theory by philosophers from antiquity to the present as it applies to art works and culture. Prerequisite: ART 3313.

ART 4433 Sequential Art
Student will utilize hand skills to sketch and draw storyboards. These hand rendered storyboards will be incorporated into computer generated three-dimensional objects in an artificial three-dimensional space leading to storyboard design, animation scripts, and the production of animation sequences to video. Prerequisite: ART 2553.

ART 4533 Art Studies-At-Large
This course is designed to foster study external to the region. Students will study at internationally recognized art centers. Art faculty approval required.
Communication

COMM 1003 Introduction to Mass Communication
An introductory survey of the role of mass media in modern society with particular emphasis on critical evaluation of the press, radio, and television. A study of the scope, history, growth, development, practices, ethics, and legal concerns of mass communication. Special attention is given to radio and television, FCC, federal regulatory agencies, and station/network operations.

COMM 1123 Interpersonal Communications
Study of the theories and practices necessary to develop interpersonal communication skills in both personal and professional relationships, with emphasis on improving verbal and nonverbal techniques for developing and maintaining clear communication between two people.

COMM 1713 Voice and Articulation
Basic investigation of the structure and function of the vocal apparatus. Analysis of sounds (phonemes) of the English language through the study of the International Phonetic Alphabet. Emphasis on improving vocal sound, articulation, and pronunciation through various techniques and exercises.

COMM 2003 Video Production
An overview of cameras, recording, editing, audio for television, lighting, electronic graphics, and studio production control will be provided. Skills will be developed in all areas of television production and related concepts. Prerequisite: COMM 1003.

COMM 2013 Audio Production
Practical applications are required in the study of audio production within the University’s radio station. Student will develop audio production skills both in preproduction and live announcing studios. Prerequisite: COMM 1003.

COMM 2243 Public Speaking
Analysis and practice in the composition and delivery of speeches with various purposes in diverse settings, including examination of rhetorical criteria for evaluation of content and presentation. Study of celebrated speeches and speakers. Prerequisite: SPCH 1113.

COMM (HUM) 2413 Theatre Appreciation
A survey and analysis of theatre history, literature, and practices relating to the theatre as a social force. This course explores the fundamentals of understanding and enjoying theatrical performances through an examination of dramatic forms, theatre development, and theatrical artistic elements.

COMM 2523 Acting
Designed to acquaint the beginning actor with the fundamentals of acting. This course explores the physical, vocal, emotional, and technical aspects of the actor’s craft. The student will learn a basic approach to scene and character study through exercises, scene work, and theatre games.

COMM 2703 Radio/Television Announcing
The interpretation of radio and television copy, including news, feature scripts, sports, and commercials. Special emphasis on helping students develop their voice and presentation. Prerequisite: COMM 2013.

COMM 2723 Small Group Discussion
Study of effective communication techniques and procedures in problem-solving groups, with special emphasis on group roles, norms, and skills. Analysis of various leadership styles and techniques in group communication settings. Prerequisite: SPCH 1113.

COMM 2801 Audio Practicum
Field experiences providing learning through participation in tasks in an audio/radio facility. Prerequisites: COMM 1103 and permission of instructor.

COMM 2811 Video Practicum
Field experiences providing learning through participation in tasks in a video/television facility. Prerequisites: COMM 2801 and permission of instructor.

COMM 2821 Mass Media Practicum
Field experiences providing learning through participation in tasks in either video or audio facilities. Placements are arranged to perform tasks that are at a higher level of skill and responsibility than those performed in COMM 2801 or COMM 2811. Prerequisites: COMM 2811 and permission of instructor.

COMM 3023 Writing for the Media
Thorough study of short-form and long-form media writing, story development, and coverage of all forms of media writing and journalism. Prerequisite: COMM 1003.

COMM 3033 Corporate Media Production
This course will develop media materials from corporate videos, public relations campaigns, annual reports, and marketing materials. Students will critique materials, engage in proposal preparation and preproduction activities, and produce selected products as appropriate. Prerequisite: COMM 1003.

COMM 3113 Public Relations Strategies
A learning and portfolio intensive class that contains an in-depth examination of the function and practice of public relations campaigns. Emphasis is on public opinion and mass media, and their direct application to public relations campaigns. The student will document the development of a large-scale public relations campaign. Prerequisite: COMM 1003.

COMM 3173 News Reporting
An examination of styles and techniques of television and radio news reporting and research with a major focus on writing skills. Emphasis is placed on research, development, composition, and presentation of radio/television news stories. Prerequisite: COMM 1003 and COMM 3023.
COMM 3233 Media Sales and Advertising
This course covers the techniques of selling a variety of media, with special focus on radio and television advertising; including discussions of media coverage and circulation, use of spot advertising, media mix, and varied techniques for assessing and promoting effectiveness. Prerequisite: COMM 1003.

COMM 3253 Argumentation and Persuasion
Study of the rhetorical and psychological theories used in discourse to effect change in attitude, belief, and policy; and to construct valid and compelling arguments, with applications in policy making, legal decision making, and personal inquiry. Fundamentals of argumentation, historical and current, are explored. Prerequisite: SPCH 1113.

COMM 3413 Media Law
Includes media related U.S. Supreme Court decisions, historical decisions, changes in communication laws, and FCC regulatory revisions. Prerequisite: COMM 1003.

COMM 3613 Mass Media Communication
Analysis of the theories and effects of the mass communication process. Includes examination of examples and effects of the media as related to our political system, children’s programming, judicial system, talk shows, advertising, and new technologies.

COMM 3753 Advanced Broadcast Practicum
Advanced field experience providing learning through participation in a broadcast facility with an emphasis in both the practical and ethical responsibilities in producing a televised message. May be repeated once. Prerequisite: COMM 2003.

COMM 3833 Communications Theory
Survey of communications theory in interpersonal, mass media, and organizational contexts.

COMM 3853 Sports Broadcasting
Examines and applies journalistic and performance techniques to reporting sports in broadcasting outlets. Areas of coverage will include play-by-play, color commentary, production, and other elements to create a successful broadcast. (May be repeated for up to 6 hours) Prerequisite: COMM 2013.

COMM 4153 Nonverbal Communication
Study of the research on nonverbal behavior, with emphasis on variations and effects in various roles, cultures, social groups, and settings. Prerequisites: SPCH 1113 and COMM 1123.

COMM 4163 Global Communication
Analysis of major global communication theories and research of the evolving communication systems and practices in different nations. Special emphasis on cultural, economic, political, legal, and technological impacts of information communication media. This course will also involve training for foreign assignments. Prerequisite: COMM 1003.

COMM 4203 Media Management
Legal, social, management, and programming aspects of print media, and radio-television-cable management. Prerequisites: 18 credit hours of COMM courses and senior standing.

COMM 4223 Communication in Organizations
Study of communication in complex human organizations. Course relates communication to values, leadership, and uses of power in such organizational contexts as media business and professional, social, educational, and political groups. Prerequisite: COMM 1003.

COMM 4253 Broadcast Internship
Field experience at a professional broadcast site with an emphasis in both the practical and ethical responsibilities in producing a mass media message. Students are required to document internship activities. Prerequisites: Junior standing and permission of instructor.

COMM 4283 Corporate Communication Internship
In-depth practical field experience at a corporate communication division within a corporation, public relations firm, or advertising agency. Designed for junior or senior students. Students are required to document internship activities. Prerequisites: Junior standing and/or permission of instructor.

COMM 4323 Women and Minorities in Media
Survey of past and present relationships between women and racial and ethnic minorities in the U.S. and the media. Media portrayal, employment, ownership and access will be studied.

COMM 4513 Script Writing
Students will learn basic craft of script writing and creating an environment that encourages the writer’s exploration of their individual voice. Prerequisite: ENGL 2023.

COMM 4913 Senior Capstone
Specialized projects emphasizing the student’s cumulative academic experience. Will include portfolio preparation, exams, and oral reports. Senior status required in Communications.

English

ENGL 0003 Basic Writing I
This course is for students who need to review basic grammar rules and mechanics. Included within this course is intensive instruction in grammar, mechanics, and paragraph structure. The course also provides instruction in essay writing, editing, and proofreading. This course does not apply toward total credit hours for graduation.

ENGL 0033 Basic Writing II
This course is designed to provide Writing I students with an additional semester of work to enhance writing skills including multiple paragraph writing, editing, and proofreading. This course does not apply toward total credit hours for graduation. Prerequisite: ENGL 0003 or permission.
ENGL 1113 Composition I
Required of all students. This course prepares students for college-level writing. Essay organization, development, and style, as well as critical thinking skills will be emphasized.
Note: Placement standards may require students to take one or more preparatory courses before being admitted to ENGL 1113.

ENGL 1213 Composition II
Basic requirement for graduation. A continuation of the writing experiences begun in Composition I. Writing experiences are concurrent with thematic material, including imaginative literature and writing across the curriculum. Incorporation of research techniques leading to production of research papers. Prerequisite: ENGL 1113.

ENGL 2023 Creative Writing
This course will focus on writing poetry and fiction. Students will be encouraged to discuss their writing in this workshop. Prerequisite: ENGL 1113 or instructor’s permission.

ENGL 2313 World Literature to 1600
A survey of significant world literature from the beginning of the written word to 1600, as evidenced in fiction, drama, essays, and poetry. Includes a study of various literary genres and conventions, research techniques, critical writing exercises, and discussion.

ENGL 2333 Technical Writing
Introduction to technical writing, focusing on forms of applied writing in each student’s area of specialization. Prerequisite: ENGL 1113.

ENGL 2543 British Literature to 1700
A survey of British literature from the origins of the language to 1700.

ENGL 2613 Introduction to Literature
Introduction of various genres of prose (fiction, drama/film) and poetry. Includes literary terms, verse, image, and language of poetry. Also includes research techniques, critical writing exercises, and discussion. Humanities elective.

ENGL 2653 British Literature from 1700
A survey of British literature from 1700 to the present.

ENGL 2773 American Literature to 1865
A survey of American literature from its colonial beginning to approximately 1865.

ENGL 2883 American Literature from 1865
A survey of American literature from approximately 1865 to the present.

ENGL 2933 World Literature from 1600
A survey of world literature from 1600 to present, as evidenced in fiction, drama, essays, and poetry. Includes a study of various literary genres and conventions, research techniques, critical writing exercises, and discussion.

ENGL 3033 Creative Writing for Game Design
This course will examine the intrinsic creative elements of game design and provide students with the crucial skills required for designing their own original games for the retail market. Prerequisite: ENGL 1213. Highly recommended: ENGL 2023.

ENGL 3113 Advanced Technical Writing
In-depth study of technical writing required in business and science careers and in graduate schools. Focuses on forms of applied writing with required research in each student’s area of specialization. Prerequisite: ENGL 1213.

ENGL 3123 Topics in Advanced Composition
Practice in writing with emphasis on style and strategies of composition. Focus varies: practice in various literary genres; study of rhetoric, practice in various modes; argumentative writing; advanced expository writing. Prerequisites: ENGL 1113 and ENGL 1213 or instructor’s permission.

ENGL 3423 The Novel
Consideration of the work of major novelists. Course will be comparative and based on concepts to include theme and artistic expression.

ENGL 3443 Studies in Poetry
This course analyzes the elements, forms, and history of poetry written in and/or translated into English. The course will be comparative and historical, tracing developments in poetry from its beginnings to the present. Prerequisites: ENGL 1113 and ENGL 1213.

ENGL 4133 Fiction Writing
Intensive writing of short stories, with class attention to writing process, style, technique, revision, and contemporary developments in the genre. Prerequisite: ENGL 2023 or instructor’s permission.

ENGL 4143 Poetry Writing
Intensive writing of poetry, with class attention to writing process, style, technique, revision, and contemporary developments in the genre. Prerequisite: ENGL 2023 or instructor’s permission.

ENGL 4223 Shakespeare
Analysis of a selection of Shakespeare’s tragedies, comedies, histories, sonnets, and other lyric poetry. Selected criticism, 1600 to the present. Historical background and Shakespeare’s theater.

ENGL 4453 Literary Traditions
Literature studied includes, but is not limited to, world, British, and American literature approached thematically, regionally, historically, and generically.

ENGL 4710 Directed Studies
Intensive independent reading and research on a selected topic, writer, or movement in literature, criticism, research, or rhetoric. 1-3 credit hours. Open to students in a graduating semester.
German

GERM 1113 Beginning German
Grammar, phonetics, and simple readings in German.

Humanities

HUM (ART) 1113 Art Appreciation
Illustrated lecture course surveying the role and dimension of art with a general examination of art theory, art media, and art history.

HUM 2003 History of Theatre
Acquaints the student with the development of drama, theatre, and production procedures through the ages from 500 BC to the present.

HUM 2113 Humanities I
A chronological survey of humanity through a cross-disciplinary study of humanity’s ideas, discoveries, and creative achievements from the pre-history through the medieval period.

HUM 2223 Humanities II
A chronological survey of humanity through a cross-disciplinary study of humanity’s ideas, discoveries, and creative achievements from the Renaissance through the modern period.

HUM (COMM) 2413 Theatre Appreciation
A survey and analysis of theatre history, literature, and practices relating to the theatre as a social force. This course explores the fundamentals of understanding and enjoying theatrical performances through an examination of dramatic forms, theatre development, and theatrical artistic elements.

HUM (MUSC) 2573 Music Appreciation
The course is designed to broaden a broader listening and appreciative attitude toward music. Lectures with musical illustrations on important works of musical literature are included. Humanities elective.

HUM 2603 Introduction to the Old Testament
A survey of the writings included in the Old Testament with attention to their original social, political, and religious context.

HUM 2623 Introduction to the New Testament
A survey of writings included in the New Testament with attention to their original social, political, and religious context.

HUM 2893 Cinema
Introduction to the basics of motion pictures, film theory, history, and appreciation.

HUM 3113 Studies in African-American Culture
A study of African-American culture and its role within the general cultural fabric of America, including an investigation of African-American history, literature, music, religion, visual arts, and other achievements.

HUM 3213 Studies in Latin American Culture
A study of Latin American culture and its role within the general cultural fabric of America, including an investigation of Latin American history, literature, music, religion, visual arts, and other achievements.

HUM 3633 Comparative Religion
A comparative study of traditions, scriptures, theologies, major figures, and practices of world religions through an investigation of cross themes and contrasts.

HUM 4003 Multi-Media Communications
An aesthetic consideration of the most effective ways to integrate written/oral and visual language. Special attention will be paid to corporate communication issues and the public sector, film, television, print, performance, and visual communication, as well as movements in digital or cyber communications and other emerging technologies.

HUM 4013 Capstone Project/Portfolio I
The Capstone Project/Portfolio is an original, specialized project, integrating the student’s cumulative academic experiences. Preparation for the Senior Project begins in the junior year with consultation with advisors. Prerequisite: senior status.

HUM 4113 International Cinema
Intensive study and research on international cinema focusing on, but not limited to, a particular national cinema, director, genre, body of criticism, or historical time period. Prerequisite: HUM 2893 or equivalence.

HUM 4413 Women in Literary and Visual Arts
An interdisciplinary study of the literary and artistic productions of women in Western culture. Considers relevant issues including, but not limited to, gendered productions, socio–historical contexts, and critical theory. Prerequisites: HUM 2113, HUM 2223, and ENGL 1213.

HUM 4993 Seminar in Humanities
A reading, research, and/or lecture seminar on a particular topic, period, or genre. Seminars will require extensive reading of, and reports on, primary and secondary works and/or research project(s). Student discussion will be paramount. Prerequisite: senior status.
Languages

LANG 1113 Foundations of World Languages
An overview of the basic forms of world languages and their relationships to modern tongues. Preliminary references to Latin/Greek root origin with specific concentration on the fundamentals of Spanish, French, and Italian.

Music

MUSC 2563 Fundamentals of Music
Designed as an introduction to the basic concepts and mechanics of music developed from world cultures. Includes examination of the historical, cultural, and social implications of music and performance analysis of global musical art forms.

MUSC (HUM) 2573 Music Appreciation
The course is designed to cultivate a broader listening and appreciative attitude toward music. Lectures with musical illustrations on important works of musical literature are included. Humanities elective.

MUSC 3723 History of Music
Acquaints the student with the development of music through the ages from its inception to the present.

Native American Studies

NAMS 1123 Native American Spirituality I
Orientation and study of Native American beliefs made integral through literature, oral traditions, and lifestyles. General concepts will be studied to find similarities in a range of mythologies, and specific tribal stories will serve as contrast.

NAMS 1143 Native Americans of North America
Introduction to the inhabitants from the North Pole to southern Mexico at the centuries directly before and immediately after specific European incursions. Note will be made of cultural relationships, such as languages and myths, among various peoples distributed throughout the area.

NAMS 2123 Native American Spirituality II
Advanced study of Native American spirituality in comparison to Western religion, culture, and community, through participation and discussion, medicine wheel, sweat lodge, mediation, dance, etc. This class will examine spiritual growth through the study of Native American practices and values.

NAMS 2203 Native Americans of the United States
Study of the history and cultures of Native Americans around the European incursions and establishment of the United States to present. Conflicts with European explorers and rebellions of indigenous peoples and the results of such actions will be reviewed. Whenever possible, comparisons between European and Native American accounts of such events will be made.

NAMS 2233 Native Americans of Oklahoma
Oklahoma is home to more than 40 American Indian tribes, tribal towns, nations, and bands. NAMS 2233 discusses the ways in which the tribes came to reside in the present day state of Oklahoma and also explores each tribe as a unique entity unto itself. Both contemporary and historical perspectives will be addressed, as well as contemporary cultural issues and current events.

NAMS 2403 Field Research in Native American Culture
This course is designed to be a cooperative effort between RSU and local museums and research facilities, such as Gilcrease and Philbrook museums. Students will be provided a list of topics of importance to the understanding of Native American cultures to be thoroughly researched during the semester.

NAMS 2423 Indigenous Language of Native Americans
A study of the general categories of languages that are the bodies that branch into hundreds of specific local languages. Information about linguistic clues that reveal migrations and relationships to pre-tribal cultures will be discussed and researched.

NAMS 2503 Cherokee I*
The purpose of this course is to teach basic conversational Cherokee, with some emphasis on prefixes, suffixes, and roots of Cherokee words to reflect changes in the usage of words in the language.

NAMS 2583 Seminar in Native American Language
The study of other Native American languages. (Offered on demand.)

NAMS 2623 Cherokee II*
Instructions are carried out totally in the Cherokee language. No English is used. Stress is on conversational Cherokee. This method of teaching Native American languages is proving to be the most effective method yet developed.

*Conversational Native American Languages. All Native American language courses are subject to availability of instructors and current information about languages.
NAMS 2850 Native American Seminar
This course is designed to address particular issues in regard to the Native American culture. Course content to be determined each semester offered and will be selected from, but not limited to, the following: art, language, religion, music, history, and current events. (1-4 credit hours.)

NAMS 3113 Contemporary Native American Issues
Subjects to be covered include issues regarding tribal sovereignty, religious freedom, gaming, the Native American Graves Protection and Repatriation Act, CDIB status, museum development and management, government programs relating to tribes, Indian Health Service, the Bureau of Indian Affairs, and tribal elections. Current local, state, and national events, court cases, and evolving issues regarding tribes and tribal people will be a consistent subject throughout the course.

NAMS 3263 Native American Law
An intensive review and advanced analysis of Native American law based on the foundational sets of legal principles of U.S. federal American Indian law, the laws of tribal governments, and international laws applicable to Indigenous people.

NAMS 4123 Native American Literature
Building on the foundation of the oral tradition - stories, songs, and poems of traditional Native Americans - this course is an examination of contemporary authors and issues in Native American Literature. The course will focus intensively on a few writers and/or poets per semester.

Philosophy

PHIL 1113 Introduction to Philosophy
An introduction to philosophy, mainly Western, but also including world traditions, that examines the thought of major philosophers and explores the traditional questions of philosophy about the nature of reality, knowledge, values, and humanity. Humanities elective.

PHIL 1213 Introduction to Logic
A beginning course in logic. Study of the principles of deductive reasoning, language and argument analysis, and fallacies in thought and argument.

PHIL 1313 Values and Ethics
A study of ethics and values from a comparative and structural basis to include origin and base of formulation.

PHIL 3213 Philosophy of Law
Examination of global philosophical issues related to law and politics, focusing on the relationship between law and morality, the nature and functions of law, traditional concepts of justice, and contemporary discussions of political legitimacy.

Spanish

SPAN 1113 Beginning Spanish I
A beginning course in understanding, speaking, reading, and writing Spanish. Some exploration of the Hispanic culture.

SPAN 1223 Beginning Spanish II
Continued instruction in understanding, speaking, reading, and writing Spanish with expanded vocabulary and more complex sentence structures. Continued exploration of the Hispanic culture. Prerequisite: SPAN 1113 or equivalent.

SPAN 2113 Intermediate Spanish I
Consolidation and expansion of basic skills with the introduction of more advanced vocabulary and grammar. Prerequisite: SPAN 1223 or equivalent.

SPAN 2223 Intermediate Spanish II
Expansion and refinement of basic skills with added emphasis on self-expression and Hispanic culture. Prerequisite: SPAN 2113 or equivalent.

Speech

SPCH 1113 Speech Communication
Introduction to basic communication theory and practice with emphasis on effective listening, organizational skills, basic logic, and techniques of speech delivery in various situations.
SOCIAL AND BEHAVIORAL SCIENCES DEPARTMENT
SCHOOL OF LIBERAL ARTS

Dr. Abe Marrero, Department Head

Dr. Larry Ashbaugh
Dr. Joy Hadwiger

Dr. Robert Boughner
Dr. Paul Hatley

Dr. Diana Clayton
Dr. Kenneth Hicks

Mrs. Peggy Dugan
Dr. Jane Johansson

Dr. Sharon Fernlund
Dr. Dennis Kramer

Dr. David Newcomb
Dr. Carolyn Taylor

Dr. Gary Rutledge
Dr. Quentin Taylor

Mr. Phil Sample
Dr. Monica Varner

Dr. David Tait
Dr. Kevin Woller

THE GOALS OF THE DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

1. Provide traditional and nontraditional students quality associate and baccalaureate degrees;

2. Serve the University and the community through the provision of quality general education courses;

3. Offer innovative and quality teaching both within the classroom and through distance education;

4. Foster the skills of critical thinking, writing, research, and oral communication among our students;

5. Foster values of scholarship, creativity, appreciation of diversity, and community service among our faculty, staff, and students; and

6. Attract and retain high quality traditional and nontraditional students.

Purpose. The department provides faculty to support discipline-specific degree programs as well as the University’s general education program. Using the latest technology, the faculty is able to offer students in northeastern Oklahoma and the surrounding region access to many academic opportunities. Appreciating that learning takes place outside the classroom as well, the department actively pursues service-learning opportunities for the academic enrichment of both faculty and student.

PROGRAMS OF STUDY

Bachelor of Science
Justice Administration

Social Science
Option: History and Political Science
Option: Psychology and Sociology

Minors
Alcohol and Drug Abuse Counseling
History
Justice Administration
Political Science
Psychology
Sociology

Associate in Arts
Early Childhood/Elementary Education

Law/Justice Careers
Option: Criminal Justice

Legal Assisting
Secondary Education

Social Science
Option: History
Option: Political Science
Option: Psychology
Option: Sociology

Associate in Applied Science
*Police Science
Option: Collegiate Officer Program (COP)
Option: Law Enforcement

*New students considering this program should check with advisors regarding new degree programs currently under development.
BACHELOR OF SCIENCE
JUSTICE ADMINISTRATION (115)

The Bachelor of Science in Justice Administration degree stresses competence in oral and written communication and critical thinking skills. In addition, the student will acquire specific knowledge and skills needed to function in a variety of career opportunities available in law enforcement agencies, government regulatory agencies, correction facilities, or corporate security departments.

Upon completion of the program of study for Justice Administration at RSU, the student will:

- Have a thorough grounding in criminal theory and research methodologies.
- Have a basis for ethical decision making required of a career in the Criminal Justice System.
- Be able to function as a professional staff member of a law enforcement agency, correction facility, corporate security department, or government regulatory agency.
- Be well prepared to attend graduate or professional school.

REQUIRED HOURS ......................... 120–121

Communications ......................... 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences .......... 9
History ..................................... 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government .... 3

Social Science .............................. 3
Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics .................... 11
Physical Science .......................... 4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ......................... 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ............................... 3
Select the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 2264 Analytic Geometry and Calculus I

Humanities .................................. 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ............................... 3
Select from the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I
Elective ................................. 3
Choose three from courses not selected above.

Program Core Requirements ..................... 39
CJ  1113 Introduction to Criminal Justice
CJ  1213 Introduction to Corrections
CJ  2013 Criminal Law I
CJ  2343 Community Relations
CJ  3013 Criminal Procedures
JA  4113 Criminal Justice Administration
JA  4513 Crime & Public Policy (Capstone)
POLS 3023 Introduction to Public Administration
POLS 3113 American Court System
SOC  3043 Social Ethics
SOC  3073 Criminology
SBS  3013 Research Methods I
SBS  3023 Research Methods II

Guided Electives .............................. 12
Select from the following:
CJ  3024 Oral & Written Communication for Justice Professionals
JA  3123 Current Issues in Justice Administration
PHIL 3213 Philosophy of Law
POLS 3063 Constitutional Law
POLS 4043 The Media and Politics
SOC  3023 Juvenile Delinquency
TECH 3013 Leadership and Decision-Making Skills for Managers and Professionals

Students are required to earn a “C” or better in all major courses.

Selected Minor ............................... 18–24
Free Electives ............................... 4–10
Total Credit Hours ......................... 120

Law Enforcement Emphasis

The purpose of the Law Enforcement Emphasis is to provide the Justice Administration major with an opportunity to complete a course of study centered on local and regional law enforcement. Students completing the Law Enforcement Emphasis will have an advantage when competing for employment in state law enforcement fields because they will have completed a significant portion of the peace officer training mandated by Oklahoma Statutes.

Students opting for this emphasis will complete the Justice Administration general education and program requirements as outlined. However, in place of the minor and free electives, students are required to take the following courses:

Law Enforcement Emphasis .................... 25
CJ  2023 Criminal Law II
CJ  2123 Criminalistics
CJ  2523 Interrogation Seminar
CJ  2533 Patrol Techniques Seminar
CJ  2553 Traffic Administration & Investigation
CJ  2543 Investigation Techniques Seminar
CJ  3024 Oral & Written Communication for Justice Professionals
HLSC 1813 First Aid

Free Electives ............................... 4

Total Credit Hours ......................... 121

Students wishing to complete the Collegiate Officer Program (COP) are required to take 4 credit hours in CLEET–mandated coursework to be specified by the student’s advisor.
# BACHELOR OF SCIENCE

**SOCIAL SCIENCE (110)**

**OPTION: HISTORY AND POLITICAL SCIENCE EMPHASIS (110H)**

**OPTION: PSYCHOLOGY AND SOCIOLOGY EMPHASIS (110P)**

The Bachelor of Science in Social Science is a multi-disciplinary degree that stresses competence in written and oral communications and scientific reasoning and thinking skills. The degree provides an excellent foundation for careers in general management, counseling, human services, health care, recreation, and law enforcement. Students can choose from options in history and political science or psychology and sociology. All students complete supervised internships and work experience. The degree also provides a solid foundation for professional or graduate studies.

**REQUIRED HOURS ........................................ 120**

### Communications ........................................ 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
</tr>
<tr>
<td>SPCH 1113</td>
<td>Speech Communication</td>
</tr>
</tbody>
</table>

### Social and Behavioral Sciences .......................... 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2483</td>
<td>American History to 1877</td>
</tr>
<tr>
<td>HIST 2493</td>
<td>American History since 1877</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Federal Government</td>
</tr>
</tbody>
</table>

### Social Science ........................................ 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2113</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2123</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

### Science and Mathematics ................................ 11

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1315</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>GEOL 1014</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 1114</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 1124</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>GEOL 1224</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>GEOL 2124</td>
<td>Astronomy</td>
</tr>
<tr>
<td>PHYS 1014</td>
<td>General Physical Science</td>
</tr>
<tr>
<td>PHYS 1114</td>
<td>General Physics I</td>
</tr>
</tbody>
</table>

### Biological Science ..................................... 4

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1114</td>
<td>General Biology</td>
</tr>
<tr>
<td>BIOL 1134</td>
<td>General Environmental Biology</td>
</tr>
<tr>
<td>BIOL 1144</td>
<td>General Cellular Biology</td>
</tr>
</tbody>
</table>

Mathematics .................................................. 3

*Select from the following:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1503</td>
<td>Mathematics for Critical Thinking</td>
</tr>
<tr>
<td>MATH 1513</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 1613</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 1715</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>MATH 2264</td>
<td>Analytic Geometry and Calculus I</td>
</tr>
</tbody>
</table>

### Humanities ................................................ 6

*Select from the following:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART (HUM) 1113</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>COMM (HUM) 2413</td>
<td>Theatre Appreciation</td>
</tr>
<tr>
<td>ENGL 2613</td>
<td>Introduction to Literature</td>
</tr>
<tr>
<td>HUM 2113</td>
<td>Humanities I</td>
</tr>
<tr>
<td>HUM 2223</td>
<td>Humanities II</td>
</tr>
<tr>
<td>HUM 2893</td>
<td>Cinema</td>
</tr>
<tr>
<td>MUSC (HUM) 2573</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>PHIL 1113</td>
<td>Introduction to Philosophy</td>
</tr>
</tbody>
</table>

### Global Studies ........................................... 3

*Select from the following:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3104</td>
<td>Plants and Civilization</td>
</tr>
<tr>
<td>ECON 3003</td>
<td>International Economic Issues and Policies</td>
</tr>
<tr>
<td>GEOG 2243</td>
<td>Human Geography</td>
</tr>
<tr>
<td>HIST 2013</td>
<td>World Civilization I</td>
</tr>
<tr>
<td>HIST 2023</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>HUM 3633</td>
<td>Comparative Religion</td>
</tr>
<tr>
<td>LANG 1113</td>
<td>Foundations of World Languages</td>
</tr>
<tr>
<td>NAMS 1143</td>
<td>Native Americans of North America</td>
</tr>
<tr>
<td>NAMS 2503</td>
<td>Cherokee I</td>
</tr>
<tr>
<td>PHIL 1313</td>
<td>Values and Ethics</td>
</tr>
<tr>
<td>POLS 3053</td>
<td>International Relations</td>
</tr>
<tr>
<td>SPAN 1113</td>
<td>Beginning Spanish I</td>
</tr>
</tbody>
</table>

### Elective .................................................. 3

Choose three hours from courses not selected above.

### Program Core Requirements .............................. 21

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBS 3013</td>
<td>Research Methods I: Research Designs</td>
</tr>
<tr>
<td>SBS 3023</td>
<td>Research Methods II: Analysis and Application</td>
</tr>
<tr>
<td>SBS 3033</td>
<td>Perspectives on Human Behavior</td>
</tr>
<tr>
<td>SBS 3053</td>
<td>Social Systems and Problems</td>
</tr>
<tr>
<td>SBS 4033</td>
<td>Internship I</td>
</tr>
<tr>
<td>SBS 4513</td>
<td>Senior Seminar: Capstone Experience</td>
</tr>
</tbody>
</table>

(*CA 2253 satisfies requirement for this course.*)
Major Emphasis ........................................... 21

*History and Political Science Emphasis .......... 21

Students must take a minimum of six hours in each discipline.

Select from the following to equal 21 credit hours:

- HIST 3013 Modern Europe
- HIST 3023 The Civil War: Seminal Event in American History
- HIST 3053 Famous Trials in American History
- HIST 4013 Nazi Germany
- HIST 4033 Cultural Warfare: Major Controversies in US History
- HIST 4043 Reformers and Liberators
- POLS 3013 State and Local Government
- POLS 3043 Introduction to Political Ideas
- POLS 3053 International Relations
- POLS 4033 American Foreign Policy
- POLS 4043 The Media and Politics

*Other courses with a HIST or POLS prefix may be applied toward this emphasis upon the recommendation of the student’s advisor and the approval of the department head and the dean.

OR

**Psychology and Sociology Emphasis .......... 21

Students must take a minimum of six hours in each discipline.

Select from the following to equal 21 credit hours:

- PSY 2083 Current Topics in Psychology
- PSY 3013 Abnormal Psychology
- PSY 3023 Social Psychology
- PSY 3033 Developmental Psychology
- PSY 3043 Child Psychology
- PSY 3053 History and Systems of Psychology
- PSY 4013 Clinical Psychology
- PSY 4023 Physiological Psychology
- SOC 2123 Social Problems
- SOC 2133 Drug Abuse
- SOC 3023 Juvenile Delinquency
- SOC 3033 Marriage and The Family
- SOC 3043 Social Ethics
- SOC 3053 Cultural Ecology
- SOC 3073 Criminology
- SOC 4013 Sociological Theory

**Other courses with a PSY or SOC prefix may be applied toward this emphasis upon the recommendation of the student’s advisor and the approval of the department head and the dean.

Ethics, Diversity and Globalization .................. 3

Select 3 hours from the following:

- LANG 1113 Foundations of World Languages
- NAMS 2503 Cherokee I
- SPAN 1113 Beginning Spanish I

Selected Minor ......................................... 18–24

or

18 hours in the emphasis not selected.

(At least 9 of which must be upper level.)

Free Electives ........................................ 10–16

Total Credit Hours ................................... 120
A minor requires completion of at least 18-24 designated credit hours of course work outside the student’s major field, including a minimum of 9 upper-division credit hours and at least a 6-hour required core. The same courses may not be used to fulfill the requirements for both a major and a minor. No more than one course (3-4 credit hours) under General Education can be used for a minor.

**MINOR IN ALCOHOL AND DRUG ABUSE COUNSELING (095A)**

<table>
<thead>
<tr>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA 1213 Intervention Strategies</td>
</tr>
<tr>
<td>CA 2243 Practicum I in Alcohol &amp; Drug Abuse Counseling</td>
</tr>
<tr>
<td>CA *2253 Practicum II in Alcohol &amp; Drug Abuse Counseling</td>
</tr>
</tbody>
</table>

*Satisfies requirement for SBS 4033 in BSSS*

| CA 2323 Professional Seminar in Substance Abuse Counseling |
| CA 3023 Counseling Practices |
| PSY 3013 Abnormal Psychology |
| SOC 2133 Drug Abuse |
| SOC 3033 Marriage and the Family |

**Total Credit Hours** 24

**Electives**

At least 6 hours upper division to be chosen from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 3013</td>
<td>Criminal Procedures</td>
</tr>
<tr>
<td>CJ 1213</td>
<td>Introduction to Corrections</td>
</tr>
<tr>
<td>CJ 2013</td>
<td>Criminal Law I</td>
</tr>
<tr>
<td>PHIL 3213</td>
<td>Philosophy of Law</td>
</tr>
<tr>
<td>POLS 4043</td>
<td>Media and Politics</td>
</tr>
<tr>
<td>SOC 3023</td>
<td>Juvenile Delinquency</td>
</tr>
<tr>
<td>SOC 3073</td>
<td>Criminology</td>
</tr>
<tr>
<td>SOC 3043</td>
<td>Social Ethics</td>
</tr>
<tr>
<td>TECH 3013</td>
<td>Leadership &amp; Decision-Making Skills for Managers &amp; Professionals</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 21

Not open to students choosing Bachelor of Science in Justice Administration.

**MINOR IN HISTORY (019H)**

**Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2483</td>
<td>American History to 1877</td>
</tr>
<tr>
<td>HIST 2493</td>
<td>American History since 1877</td>
</tr>
</tbody>
</table>

**Electives**

12 hours in history classes (HIST prefix) of which 9 hours must be at the 3000 level or above.

**Total Credit Hours** 18

Not open to Bachelor of Science in Social Science majors with History and Political Science emphasis.

**MINOR IN ADMINISTRATION (115)**

**Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 1113</td>
<td>Introduction to Criminal Justice</td>
</tr>
<tr>
<td>CJ 2343</td>
<td>Community Relations</td>
</tr>
<tr>
<td>POLS 3023</td>
<td>Introduction to Public Administration</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 18

Not open to Bachelor of Science in Social Science majors with History and Political Science emphasis.
MINOR IN PSYCHOLOGY (019P)

Core Courses ............................................. 9
   PSY 1113 Introduction to Psychology
   PSY 3033 Developmental Psychology
   PSY 3053 History and Systems of Psychology

Electives ............................................... 9
   Nine hours in Psychology, of which six hours must be at
   upper-division level.

Total Credit Hours ................................. 18

Not open to Bachelor of Science in Social Science majors
with Psychology/Sociology emphasis.

MINOR IN SOCIOLOGY (019S)

Core Courses ............................................. 9
   SOC 1113 Introduction to Sociology
   SOC 2123 Social Problems
   SOC 4013 Sociological Theory

Electives ............................................... 9
   Select nine hours of sociology credit, six of which must be
   upper division. Students may substitute up to three hours
   of Social and Behavioral Sciences (SBS) credit for SOC
   with approval of a sociology advisor.

Total Credit Hours ................................. 18

Not open to Bachelor of Science in Social Science majors
with Psychology/Sociology emphasis.
ASSOCIATE IN ARTS
EARLY CHILDHOOD/ELEMENTARY EDUCATION (011)

Early Childhood/Elementary Education is intended to prepare students for a career in teaching kindergarten and all elementary school grade levels. The program is designed to provide the student with the first two years of general requirements to transfer to a four-year program. Students should meet with the program coordinator for advisement.

General Education Requirements: Students are required to take the following courses as general education requirement:
HIST 2483 American History to 1877. ENGL 2613 Introduction to Literature may not be taken to fulfill general education requirements.

REQUIRED HOURS .................................. 65

Communications ................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ............... 9
HIST 2483 American History to 1877 ........ 3
POLS 1113 American Federal Government .... 3

Social Science .................................. 3
Select one of the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ...................... 11
Physical Science .............................. 4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ............................. 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics .................................. 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry

MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

Humanities .................................. 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ................................. 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2213 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ........................................... 3
Choose three hours from courses not selected above.

Program Requirements ....................... 21
ENGL 2613 Introduction to Literature
GEOG 2213 Human Geography
HIST 2493 American History since 1877
MATH 3413 Math Structures II

Foreign Language ............................. 6
Select from the following:
NAMS 2503 Cherokee I and
NAMS 2623 Cherokee II
or
SPAN 1113 Beginning Spanish I and
SPAN 1223 Beginning Spanish II

Education Elective .............................. 3
Select from the following:
HLSC 1813 First Aid or
PSY 3043 Child Psychology

Free Elective .................................. 3

Total Credit Hours ............................ 65
ASSOCIATE IN ARTS
LAW/JUSTICE CAREERS
OPTION: CRIMINAL JUSTICE (096)

The Associate in Arts degree with emphasis in Criminal Justice consists of a 66 credit-hour program designed to provide the student with the first two years of general requirements for transfer to a four-year program. Students should meet with the program coordinator for advisement and admission to the program.

**REQUIRED HOURS ........................................... 66**

**Communications ........................................... 9**
- ENGL 1113 Composition I
- ENGL 1213 Composition II
- SPCH 1113 Speech Communication

**Social and Behavioral Sciences ......................... 9**
- History ....................................................... 3
  - Select one of the following:
    - HIST 2483 American History to 1877
    - HIST 2493 American History since 1877
- POLS 1113 American Federal Government ............ 3

**Social Science ............................................. 3**
- Select one of the following:
  - ECON 2113 Principles of Macroeconomics
  - ECON 2123 Principles of Microeconomics
  - PSY 1113 Introduction to Psychology
  - SOC 1113 Introduction to Sociology

**Science and Mathematics ................................. 11**
- Physical Science .......................................... 4
  - Select from the following:
    - CHEM 1315 General Chemistry I
    - GEOL 1014 Earth Science
    - GEOL 1114 Physical Geology
    - GEOL 1124 Physical Geography
    - GEOL 1224 Historical Geology
    - GEOL 2124 Astronomy
    - PHYS 1014 General Physical Science
    - PHYS 1114 General Physics I
- Biological Science ....................................... 4
  - Select from the following:
    - BIOL 1114 General Biology
    - BIOL 1134 General Environmental Biology
    - BIOL 1144 General Cellular Biology
- Mathematics .................................................. 3
  - Select from the following:
    - MATH 1503 Mathematics for Critical Thinking
    - MATH 1513 College Algebra
    - MATH 1613 Trigonometry
    - MATH 1715 Pre-Calculus
    - MATH 2264 Analytic Geometry and Calculus I

**Humanities ................................................... 6**
- Select from the following:
  - ART (HUM) 1113 Art Appreciation
  - COMM (HUM) 2413 Theatre Appreciation
  - ENGL 2613 Introduction to Literature
  - HUM 2113 Humanities I
  - HUM 2223 Humanities II
  - HUM 2893 Cinema
  - MUSC (HUM) 2573 Music Appreciation
  - PHIL 1113 Introduction to Philosophy

**Global Studies ............................................. 3**
- Select one of the following:
  - BIOL 3104 Plants and Civilization
  - ECON 3003 International Economic Issues and Policies
  - GEOG 2243 Human Geography
  - HIST 2013 World Civilization I
  - HIST 2023 World Civilization II
  - HUM 3633 Comparative Religion
  - LANG 1113 Foundations of World Languages
  - NAMS 1143 Native Americans of North America
  - NAMS 2503 Cherokee I
  - PHIL 1313 Values and Ethics
  - POLS 3053 International Relations
  - SPAN 1113 Beginning Spanish I

**Elective ....................................................... 3**
- Choose three hours from courses not selected above.

**Program Requirements ................................... 21**
- CJ 1113 Introduction to Criminal Justice
- CJ 1213 Introduction to Corrections
- CJ 2013 Criminal Law I
- CJ 2113 Criminal Evidence I
- CJ 2343 Community Relations
- CJ 3013 Criminal Procedures
- SOC 3023 Juvenile Delinquency

**Support and Related ..................................... 4**
- Select from the following to equal four credit hours:
  - CJ 1223 Probation and Parole
  - CJ 1361 Police Pistol I
  - CJ 1562 Survival Shooting
  - CJ 1581 Defensive Techniques
  - CJ 2023 Criminal Law II
  - CJ 2123 Criminalistics
  - CJ 2140 Law Enforcement Internship
  - CJ 2150 Criminal Justice Seminar
  - CJ 2523 Interrogation Seminar
  - CJ 2533 Patrol Techniques Seminar
  - CJ 2543 Investigative Techniques Seminar
  - CJ 2553 Traffic Administration & Investigation
  - SOC 2123 Social Problems
  - SOC 2133 Drug Abuse
  - SOC 3073 Criminology

**Total Credit Hours ...................................... 66**
ASSOCIATE IN ARTS
LEGAL ASSISTING (116)

Legal Assistants are professionals who assist attorneys in the delivery of legal services. To be a successful legal assistant, a person must possess not only a common core of legal knowledge, but also vital critical thinking, organizational, communication, and interpersonal skills. The Associate of Arts in Legal Assisting is designed to give students the substantive knowledge and practical skills necessary to enter the legal work force as a legal assistant, as well as provide students with a general education necessary to fully participate in increasingly complex social settings.

REQUIRED HOURS ........................................ 65

Communications ................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ................. 9
History ........................................ 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government .......................... 3

Social Science ........................................ 3
Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics .......................... 11
Physical Science .................................. 4
Select from the following:
CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1224 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ................................. 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ........................................ 4
Select from the following:
MATH 1503 Mathematics for Critical Thinking

MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry and Calculus I

Humanities ........................................ 6
Select two of the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ..................................... 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective ........................................ 3
Select three hours from courses not selected above.

Program Requirements .............................. 18
Select two courses from the following:
POLS (LA) 3113 American Court System
LA 1123 Legal Research and Writing
LA 1133 Law Office Management
LA 1143 Civil Procedure
LA 2423 Legal Document Production
LA 2283 Internship

Support and Related Electives ................. 6
Select two courses from the following:
LA 2133 Family Law
LA 3013 Torts
LA 3023 Contract Law
LA 3033 Criminal Law

Total Credit Hours ................................ 65
ASSOCIATE IN ARTS
SECONDARY EDUCATION (012)

The Associate in Arts in Secondary Education is intended to prepare students for a career in teaching grades seven through twelve. Secondary school majors may specialize in English-language arts, science, mathematics, business, social science, or fine arts. The program is designed to provide the student with the first two years of general requirements to transfer to a four-year program. Students should meet with the program coordinator for advisement.

REQUIRED HOURS ........................................... 62

Communications ............................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
HIST 2483 American History to 1877 .......... 3
POLS 1113 American Federal Government .... 3

Select one of the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ................................. 11
Physical Science ................................. 4
Select from the following:
CHEM 1315 General Chemistry I
GEOG 1014 Earth Science
GEOG 1114 Physical Geology
GEOG 1124 Physical Geography
GEOG 1224 Historical Geology
GEOG 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ................................. 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

Mathematics ............................................. 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytic Geometry and Calculus I

Humanities .................................................. 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ............................................. 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective .................................................. 3
Choose three hours from courses not selected above.

Program Requirements ......................... 18
Students are required to take the following course as a general education requirement: HIST 2483 - American History to 1877.

GEOG 2243 Human Geography
HIST 2493 American History since 1877

Choose 12 hours, in consultation with your advisor, from major area of interest (choose from Art, Business, English, History, Math, Natural Science, or Social Science).

Free Elective ............................................. 3

Total Credit Hours .................................... 62
ASSOCIATE IN ARTS
SOCIAL SCIENCES (019)
OPTION: HISTORY (019H)
OPTION: POLITICAL SCIENCE (019G)
OPTION: PSYCHOLOGY (019P)
OPTION: SOCIOLOGY (019S)

The two-year social sciences degree is designed for students interested in entry-level jobs in social services. The degree provides a broad introduction to the social science disciplines as a core, and then allows the student to select an additional nine hours in one of the following disciplines: psychology, history, political science, or sociology.

REQUIRED HOURS 65

Communications 9
- ENGL 1113 Composition I
- ENGL 1213 Composition II
- SPCH 1113 Speech Communication

Social and Behavioral Sciences 9
- HIST 2483 American History to 1877
- POLS 1113 American Federal Government
- PSY 1113 Introduction to Psychology

Science and Mathematics 11
- Physical Science 4

Select from the following:
- CHEM 1315 General Chemistry I
- GEOL 1014 Earth Science
- GEOL 1114 Physical Geology
- GEOL 1124 Physical Geography
- GEOL 1224 Historical Geology
- GEOL 2124 Astronomy
- PHYS 1014 General Physical Science
- PHYS 1114 General Physics I

Biological Science 4

Select from the following:
- BIOL 1114 General Biology
- BIOL 1134 General Environmental Biology
- BIOL 1144 General Cellular Biology

Mathematics 3

Select from the following:
- MATH 1503 Mathematics for Critical Thinking
- MATH 1513 College Algebra
- MATH 1613 Trigonometry
- MATH 1715 Pre-Calculus
- MATH 2264 Analytic Geometry and Calculus I

Humanities 6

Select from the following:
- ART (HUM)1113 Art Appreciation
- COMM (HUM)2413 Theatre Appreciation
- ENGL 2613 Introduction to Literature
- HUM 2113 Humanities I
- HUM 2223 Humanities II
- HUM 2893 Cinema

MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies 3

Select one of the following:
- BIOL 3104 Plants and Civilization
- ECON 3003 International Economic Issues and Policies
- GEOG 2243 Human Geography
- HIST 2013 World Civilization I
- HIST 2023 World Civilization II
- HUM 3633 Comparative Religion
- LANG 1113 Foundations of World Languages
- NAMS 1143 Native Americans of North America
- NAMS 2503 Cherokee I
- PHIL 1313 Values and Ethics
- POLS 3053 International Relations
- SPAN 1113 Beginning Spanish I

Elective 3

Choose three hours from courses not selected above.

Program Requirements 12

Select from the following:
- HIST 2493 American History since 1877
- SBS 3033 Perspectives on Human Behavior
- SOC 1113 Introduction to Sociology

Social Science Elective 3

Select from the following:
- ECON 2113 Principles of Macroeconomics
- GEOG 2243 Human Geography

Support and Related 9

Choose one of the following options:

Option: History

Choose nine credit hours of electives from History.

Option: Political Science

Choose nine credit hours of electives from Political Science.

Option: Psychology

Choose nine credit hours of electives from Psychology.

Option: Sociology

Choose nine credit hours of electives from Sociology.

Elective 3

Total Credit Hours 65
ASSOCIATE IN APPLIED SCIENCE
POLICE SCIENCE
OPTION: COLLEGIATE OFFICER PROGRAM (COP) (029C)

The Police Science, Collegiate Officer Program (COP) option is a unique cooperative program between Rogers State University and the Council on Law Enforcement Education and Training (CLEET), leading to an Associate in Applied Science degree and police officer certification. The program is specifically designed for students seeking employment in law enforcement in the State of Oklahoma. Students must meet State Peace Officer eligibility requirements. See the criminal justice coordinator for additional information.

REQUIRED HOURS ........................................ 68

Communications ....................................... 6
ENGL 1113 Composition I
and
Select one from the following:
ENGL 1213 Composition II
ENGL 2333 Technical Writing
SPCH 1113 Speech Communication

U.S. History and Government ...................... 6
History .................................................... 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ...... 3

The College Experience ............................... 1
ORIE 1151 The College Experience

Selected Electives ................................. 6
Choose from the following:
Economics
Computer Science
Mathematics
Science
Social and Behavioral Science

Program Requirements ............................ 49
CJ 1113 Introduction to Criminal Justice
CJ 1361 Police Pistol I
CJ 1562 Survival Shooting Techniques
CJ 1581 Defensive Techniques
CJ 2013 Criminal Law I
CJ 2023 Criminal Law II
CJ 2113 Criminal Evidence I
CJ 2123 Criminalistics
CJ 2343 Community Relations
CJ 2523 Interrogation Seminar
CJ 2533 Patrol Techniques Seminar
CJ 2543 Investigation Techniques Seminar
CJ 2553 Traffic Admin and Investigation
CJ 2712 CLEET Firearms
CJ 2721 CLEET Custody and Control
CJ 2731 CLEET Law Enforcement Vehicle Operation
CJ 2742 CLEET COP Review
CJ 3013 Criminal Procedures
HLSC 1813 First Aid
SOC 3023 Juvenile Delinquency

Total Credit Hours ................................. 68

New students considering this program should check with advisors regarding new degree programs currently under development.
ASSOCIATE IN APPLIED SCIENCE
POLICE SCIENCE
OPTION: LAW ENFORCEMENT (029L)

The Police Science Associate in Applied Science degree is a two-year program of study designed for students seeking a career in the field of law enforcement. Courses provide the student with a thorough knowledge of legal, patrol, investigative, and social skills necessary to function in the police environment.

REQUIRED HOURS: .......................... 65

Communications .......................... 6
ENGL 1113 Composition I
and
Select one from the following:
   ENGL 1213 Composition II
   ENGL 2333 Technical Writing
   SPCH 1113 Speech Communication

U.S. History and Government .............. 6
History ........................................ 3
Select from the following:
   HIST 2483 American History to 1877
   HIST 2493 American History since 1877

POLS 1113 American Federal Government .... 3

The College Experience ......................... 1
ORIE 1151 The College Experience

Selected Electives ........................... 6
Choose from the following:
   Economics
   Computer Science
   Mathematics
   Science
   Social and Behavioral Science

Program Requirements ......................... 35
CJ 1113 Introduction to Criminal Justice
CJ 1361 Police Pistol I
CJ 1581 Defensive Techniques
CJ 2013 Criminal Law I
CJ 2023 Criminal Law II
CJ 2113 Criminal Evidence I
CJ 2123 Criminalistics
CJ 2343 Community Relations
CJ 2533 Patrol Techniques Seminar
CJ 2543 Investigation Techniques Seminar
CJ 2553 Traffic Admin and Investigation
CJ 3013 Criminal Procedures
HLSC 1813 First Aid

Support and Related .......................... 11
Select from the following to equal 11 credit hours:
CJ 1213 Introduction to Corrections
CJ 1223 Probation and Parole
CJ 1562 Survival Shooting Techniques
CJ 2140 Law Enforcement Internship
CJ 2150 Criminal Justice Seminar
CJ 2523 Interrogation Seminar
CS 1113 Microcomputer Applications
ENGL 1213 Composition II
SOC 2123 Social Problems
SOC 3073 Criminology
SOC 3023 Juvenile Delinquency

Total Credit Hours ............................ 65

New students considering this program should check with advisors regarding new degree programs currently under development.
Chemical Abuse

CA 1213 Intervention Strategies
Examination of intervention strategies appropriate to working with chemically dependent clients and their families. The focus will be on case management in therapeutic settings, client referral strategies, and the rationale for consultations with other helping professionals. Prerequisite: Permission of instructor.

CA 2223 Chemical Abuse in Special Populations
The course examines the relationship between certain subcultures and specific types of chemical abuse. Prerequisite: SOC 2133.

CA 2243 Practicum I in Alcohol and Drug Abuse Counseling
A field experience that allows the application of knowledge and skills learned in course work. Students also will prepare and deliver case presentations. (200 Clock hours). Prerequisite: Permission of the program coordinator.

CA 2253 Practicum II in Alcohol and Drug Abuse Counseling
A field experience that allows the application of knowledge and skills learned in course work in an agency providing services to chemically dependent clients and their families. Prerequisites: CA 2243 and permission of the instructor. (Satisfies requirement for SBS 4033.)

CA 2323 Professional Seminar in Substance Abuse Counseling
A reading seminar examining theoretical and ethical issues in substance abuse counseling. Ethical standards in the helping professions and national accreditation program standards, Commission for Accreditation of Rehabilitation Facilities for chemical dependency treatment facilities and agencies will receive particular emphasis. Pre or corequisite: CA 2253.

CA 3023 Counseling Practices
An overview of major counseling theories employed when providing treatment services to substance abusing clients and their families, as well as standards for treatment planning, client education, and report and record-keeping in therapeutic setting. Emphasis is given to identifying the client characteristics and selecting appropriate strategies in substance abuse/dependence counseling. Prerequisite: Permission of instructor.

Criminal Justice

CJ 1113 Introduction to Criminal Justice
A survey of the criminal justice system; police, courts, and corrections; and the components of the system and roles of participants. An examination of the history of criminal justice to include recent issues and developments.

CJ 1213 Introduction to Corrections
A survey of corrections including a review of the history and development of the system; roles and functions of participants; and prevention, treatment, and supervision programs for offenders.

CJ 1223 Probation and Parole
An analysis of the development, organization, operation, and result of systems of probation and parole as substitutes for incarceration, method of selection, and prediction scales.

CJ 1361 Police Pistol I
Introduction to the basic fundamentals of police pistol marksmanship. Emphasis on safe firing range procedures and the safe handling and use of pistols and ammunition.

CJ 1562 Survival Shooting Techniques
This course is designed for, and limited to, the entry-level and experienced law enforcement officers, college criminal justice students, licensed (armed) private security officers, and correctional officers. The course will deal with the six essential components for survival, appropriate cover, threat level assessment, target identification, decision making, dealing with multiple opponents, and teamwork. Prerequisite: CJ 1361.

CJ 1581 Defensive Techniques
Fundamentals of self-defense, custody and control in a police, security, or correctional setting; student practice and demonstration; legal and ethical uses of non-lethal force; physical training.

CJ 2013 Criminal Law I
The study of criminal law and its implementation in enforcement, common law, statutory crimes and punishments, classification of crime and attempted crimes, and defenses to criminal accusations.

CJ 2023 Criminal Law II
A study of Oklahoma substantive criminal law and procedure with an emphasis on its application in law enforcement operations.

CJ 2113 Criminal Evidence I
The study of the rules of evidence. An analysis of the statutory laws and appellate court decisions affecting the admissibility of evidence. Special emphasis given to the hearsay rule and its exceptions, best evidence rule, evidentiary privileges, and opinion evidence.

CJ 2123 Criminalistics
The role of physical evidence in criminal investigations and trials. The search, recognition, collection, transportation, analysis, and presentation of physical evidence. Prerequisite: CJ 2113.
CJ 2140 Law Enforcement Internship
On-the-job learning experience in a law enforcement or security organization. Must have completed a minimum of 12 college credit hours in criminal justice. Internship limited to one semester. Self-instruction sheet will outline procedures. (1–4 credit hours) Prerequisite: Permission of the program coordinator.

CJ 2150 Criminal Justice Seminar
The study of law enforcement procedures, problems, and topics. May be repeated for a total of 12 credit hours. (1-4 credit hours)

CJ 2343 Community Relations
An examination of the relationship between law enforcement and the community, including programs in community policing, human relations, and crime prevention. The course will examine ethics, conflict resolution, cultural diversity, and professionalism.

CJ 2523 Interrogation Seminar
Basic fundamentals and proper techniques of interviewing and interrogating witnesses and suspects in law enforcement situations.

CJ 2533 Patrol Techniques Seminar
The role, responsibilities, and duties of a local police patrol officer; an examination of the police patrol function; and crime prevention and suppression methods.

CJ 2543 Investigative Techniques Seminar
Fundamentals of criminal investigation. Methods of gathering facts and information in criminal cases, police-prosecutor relationships, and courtroom presentation of evidence.

CJ 2553 Traffic Administration and Investigation
A study of traffic enforcement, education, and engineering; traffic accident investigation, analysis and reconstruction; and traffic enforcement methods and techniques.

CJ 2712 CLEET Firearms
The Council on Law Enforcement Education and Training basic police firearms training course. Restricted to Collegiate Officer Program students.

CJ 2721 CLEET Custody and Control
The council on Law Enforcement Education and Training basic police custody and control training course. Restricted to Collegiate Officer Program students.

CJ 2731 CLEET Law Enforcement Vehicle Operation
The Council on Law Enforcement Education and Training for basic police law enforcement vehicle operation training course. Restricted to Collegiate Officer Program students.

CJ 2742 CLEET COP Review
A review of the Council on Law Enforcement Education and Training basic police academy learning objectives. Restricted to Collegiate Officer Program students.

CJ 3013 Criminal Procedures
This course focuses on Supreme Court and Federal Appellate Court decisions related to criminal procedures most commonly confronting law enforcement officers in the administration of criminal law; with special emphasis on freedom of speech, arrest, search and seizure, right to counsel, out of court identification, and wire communication interceptions.

CJ 3024 Communications for Justice Professionals
Development of advanced communication skills, both written and oral, with emphasis on writing formats used by justice professionals. Formats will include investigative reports, affidavits for search & arrest warrants, and the development of strategic plans. Prerequisites: ENGL 1213 and (ENGL 2333 or SPCH 1113).

Geography

GEOG 1113 General Geography
A general course in introductory geography concerned with natural and cultural features of the world’s landscape.

GEOG 2243 Human Geography
An introduction and general education course that emphasizes the interrelationship of the physical environment and human responses.

History

HIST 2013 World Civilization I
A survey of major trends in world civilization from the beginnings of civilization in 3,000 BC to mid-sixteenth century. Includes all major regions of the world.

HIST 2023 World Civilization II
A survey of major trends in world civilization from the mid-sixteenth century to the present. The scope of the course includes the Enlightenment, the Industrial Revolution, nationalism, imperialism, communism, fascism, the World Wars, and the Cold War.

HIST 2063 Oklahoma History
Oklahoma history from date of discovery to the present, including changes in sovereignty, development through each era, contribution of the Indian, formation of the state, and basic law.
HIST 2463 Seminar in the Civil War – The Daily Life of the Civil War Soldier I
A study of the Civil War as seen through the eyes of the soldiers who fought in it, detailing their lives from enlistment through training, campaigning, and camp life. Students will be required to join the Civil War Reenactment unit of campus (Company B, 15th Missouri Infantry), and learn about the subject matter by reliving it.

HIST 2473 Seminar in the Civil War – The Daily Life of the Civil War Soldier II
A continuation of HIST 2463. A study of the Civil War as seen through the eyes of the soldiers who fought in it, detailing their lives from enlistment through training, campaigning, and camp life. Students will be required to join the Civil War Reenactment unit on campus (Company B, 15th Missouri Infantry), and learn about the subject matter by reliving it.

HIST 2483 American History to 1877
From the peopling of the continent to 1877; European origins and colonization; revolution and the development of federalism, nationalism, and democracy; foreign relations; political parties; and Civil War and Reconstruction.

HIST 2493 American History since 1877
From 1877 to present. Post-reconstruction, industrialism, immigration, reform movements, race, gender and ethnicity, cultural conflicts, the welfare state, and international relations.

HIST 3013 Modern Europe
Surveys the economic, social, political, and intellectual history of Europe from the European discovery of the New World to the present day. Emphasizes major developments of the period to include the Protestant Reformation, Absolutism, the Scientific and Industrial Revolutions, Napoleon Bonaparte, the World Wars, the Cold War, and the demise of the Soviet Union and the Eastern Bloc. Offered in alternate years.

HIST 3023 The Civil War: Seminal Event in American History
A study of the events that led up to the Civil War and the military, political, economic, cultural, and social aspects of the war.

HIST 3053 Famous Trials in American History
Investigations of major trials in which legal, cultural, social, and political issues intersect and received wide-spread attention.

HIST 4013 Nazi Germany
Examines the military, political, social, economic, and intellectual developments in Germany from World War I to the fall of Adolf Hitler and the National Socialist state in 1945. Course pays considerable attention to the creation and nature of Germany’s abortive experiment in democracy, the Weimar Republic, and the events leading to the establishment of the totalitarian state.

HIST 4033 Cultural Warfare: Major Controversies in US History
A study of clashes between social and cultural systems, including such topics as antebellum Northern and Southern societies, Darwinists and their opponents, and competing visions of religious and secular authority.

HIST 4043 Reformers and Liberators
Examination of major reform periods in nineteenth and twentieth-century America, including antebellum reform, Populism, Progressivism, New Deal, Great Society, Civil Rights, feminism, and sexual liberation movements.

Justice Administration

JA 3123 Current Issues in Justice Administration
Emphasizes current developments in the legal, administrative, and operational aspects of the criminal justice system. Prerequisites: Justice Administration major and junior standing.

JA 4113 Criminal Justice Administration
Principles of management and systems theory for the administration of criminal justice agencies. Prerequisites: Justice Administration major, senior standing.

JA 4513 Crime and Public Policy
An investigation of current crime control theories, proposals, and programs. Special emphasis will be given to synthesizing and integrating of the major concepts of coursework in the major. Prerequisites: Justice Administration major, senior standing.

Legal Assisting

LA 1123 Legal Research and Writing
As an introduction to legal research and writing, this course will provide a comprehensive working knowledge and understanding of research materials and research tools. Students will learn to develop research strategies. In addition, students will learn to write legal memoranda and briefs.

LA 1133 Law Office Management
Survey of general practices, procedures, and working of the law office; caseload allocation, billing, payable and receivable, time keeping, filing, and follow-up procedures are analyzed; use of manuals for policies and procedures.

LA 1143 Civil Procedure I
Survey of Oklahoma Pleading Code and Discovery Code; drafting of pleadings and discovery materials; survey of the procedural aspects of conducting trials and appeals on both state and federal levels.
LA (POLS) 2033 American Legal System
A general perspective of the legal system and judicial branch of government; introducing legal terminology, survey of practices, and ethics of legal professions.

LA 2133 Family Law
Survey of Oklahoma law pertaining to family relationships; adoption, divorce, ceremonial and common-law marriages, property division, child custody, and post-divorce proceedings; relation of civil procedure to family relations litigation.

LA 2283 Internship
Program credit for actual hours worked in a law office. Prerequisites: POLS/LA 2033, LA 1123, and LA 1143.

LA 2393 Business Organizations
Formation, operation, and termination of proprietorships, partnerships, and corporations; status of business organizations in U.S. society; stocks, bonds, and financing of business organizations; mergers, acquisitions, and take-over of corporations.

LA 2423 Legal Document Production
This course is designed to reinforce legal terminology and show how legal concepts are related to the production of legal documents. Students will be required to produce a variety of legal documents and become familiar with court processes.

LA 3013 Torts
This course will provide an introduction to the broad area of civil wrongs and their appropriate remedies. Tort Law principles in the areas of intentional torts, negligence, strict liability, products liability, and nuisance will be covered, as will commonly employed defenses. Prerequisite: POLS/LA 2033.

LA 3023 Contract Law
In this course, students will be introduced to the sources of contract law, including common law and the Uniform Commercial Code. Students will learn how to draft and interpret various types of contracts, and how to determine appropriate remedies when breach of contract occurs. Prerequisite: POLS/LA 2033.

LA 3033 Criminal Law
This course is a survey of common law and statutory crimes, with emphasis on Oklahoma and federal law. Procedural aspect of criminal investigations, trials, and appeals will also be covered. Prerequisite: POLS/LA 2033.

Political Science
POLS 1113 American Federal Government
A study of the principles, structures, processes, and functions of the United States federal government.

POLS 2023 Introduction to Political Theory
An introduction to the politics of relations between nations. The students will study diplomacy, peace, defense, conflict, and conflict resolution. A research paper, exams, and other writing are required. Prerequisites: POLS 1113 or instructor's permission.

POLS (LA) 2033 American Legal System
A general perspective of the legal system and judicial branch of government; introducing legal terminology, survey of practices, and ethics of legal profession.

POLS 2043 Introduction to Comparative Politics
An introduction to the methods of comparative political science examining the differences in political systems and political cultures. A research paper, exams, and other writing are required. Prerequisite: POLS 1113 American Federal Government or instructor’s permission.

POLS 2153 Civil Rights and Liberties
The politics, theory, and jurisprudence of civil rights and liberties in America are examined. A research paper, exams, and other writing are required. Prerequisite: POLS 1113 American Federal Government or instructor’s permission.

POLS 2253 Political Practicum
Monthly seminar structured to involve students in a supervised manner in the political process. No less than 32 additional hours spent in campaign activity verified by an approved campaign manager.

POLS 2890 Topics in Politics
A seminar in selected topics in politics. Topics vary each time course is offered. (1–3 credit hours).

POLS 3013 State and Local Government
This course will explore the types of governments within states, municipalities, and other forms of local government as well as the influence of politics and recent trends affecting state, county, and municipal governments. An examination of contemporary issues will include civil rights, education, poverty, welfare, health, corrections, finance, and taxation. Special emphasis will be given to state and local government in Oklahoma.

POLS 3023 Introduction to Public Administration
This course will cover general concepts of public administration and the significance of administration in the modern state. Course content will include an analysis of administrative theory, structure, and organization; dynamics of management and decision making; and fiscal, personnel, and operational administration.

POLS 3033 Introduction to Public Policy
This course introduces the study of public policy by relating social problems to processes for conflict resolution. Topics include problem identification, policy formulation, institutional decision making, policy implementation and evaluation, and opportunities for reform and change.
POLS 3043 An Introduction to Political Ideas
This course explores the impact of political ideas and ideological systems of thought, focusing particularly on major ideologies that have emerged in nineteenth and twentieth-century political thought.

POLS 3053 International Relations
This course introduces students to the dynamics of relationships among nation-states. An important element of this course is the introduction of world views including realism, idealism, and the various behaviorist models that have emerged in the last 30 years.

POLS 3063 Constitutional Law
An exploration and analysis of the constitutional foundations of American law and government, the different methods of constitutional interpretation, and the law’s function as a basic medium for resolving conflict in a federal constitutional democracy. Prerequisite: POLS 1113.

POLS 3113 American Court System
An analysis of the characteristics and functions of the American Court Systems. Prerequisite: POLS 1113.

POLS 4013 Campaigns, Elections, and Voting
This course will analyze factors influencing voting choices, campaign strategies and techniques, changes and trends in U.S. elections, and methods of predicting and interpreting election results.

POLS 4023 Democracy
This course will examine the concept of democracy from its historical foundations to current issues challenging democracy in the twenty-first century.

POLS 4033 American Foreign Policy
A survey course in the evolution of American foreign policy. This course will consider the role the United States plays in world affairs and the relationship between the United States, foreign governments, and the various non-governmental and international organizations that constitute the international community.

POLS 4043 The Media and Politics
A survey of the role the media plays in the governing process. This course will examine the mediating relationship the media plays between governmental actors and citizens: the importance of information, its impact on public opinion, and the quality of news coverage of politics.

Psychology

PSY 1113 Introduction to Psychology
A survey of basic principles underlying human behavior. Areas covered include scientific methods of inquiry, biological foundations, sensation and perception, consciousness, learning, emotion, motivation, abnormal behavior, and therapy.

PSY 2003 The Psychology of Death and Dying
An examination of the psychology of the dying person, the measuring of death to him, his family, and associates. Attitudes toward death and the function of bereavement are explored. Implications of research of death for earlier life periods are examined. Prerequisite: PSY 1113.

PSY 2083 Current Topics in Psychology
This course will focus on current topics in psychology not covered in existing course offerings. Intended for the purpose of offering high interest course topics during the semester. It may be repeated with changes of topic. Content varies with instructor.

PSY 2413 Psychology of Adolescence
The study of normal physiological, intellectual, and emotional aspects of adolescents. Emphasis is on normal development and change as well as psychological and cultural forces affecting them. Issues such as suicide and gangs will be discussed. Prerequisite: PSY 1113.

PSY 2713 Psychology of the Older Adult
A study of the normal physiological, intellectual, and emotional aspects of the aging population. The nature and problems of the older adult in modern American society will be discussed. Prerequisite: PSY 1113.

PSY 2933 Human Sexuality
A study of the crucial problems involved in understanding human sexuality. Designed to provide scientific information in the following areas: anatomy, psychological and sociological phenomena of human sexuality, sexual behavior patterns, social mores, and the cognitive, emotional, and behavioral factors in sexual functioning. Prerequisite: PSY 1113.

PSY 3013 Abnormal Psychology
The objective of this course is to provide a brief overview of the wide spectrum of mental disorders (psychopathology). Among other things, examines the definition, classification, etiology, characteristics, and different treatment modalities of several behavioral deficits. Emphasis will be on clinical aspects of each disorder and the application of diagnostic criteria from the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV). Additionally, students will be introduced to empirical research by reading and answering questions from selected scientific journal articles.

PSY 3023 Social Psychology
Social Psychology is fundamental to the study of psychology and the human sciences. In this course, major theories, methods, and research findings that comprise the discipline of social psychology are examined from a critical standpoint. The primary objective of this course is to increase students’ awareness of the social, historical, and political dimension to psychological understanding. The application of theoretical and empirical work to real world social problems is emphasized.
**PSY 3033 Developmental Psychology**  
A life-span course designed to provide an understanding of human behavior and characteristics from conception to death. Information is included on physical, cognitive, and psychosocial development at each period of the life span. Emotional aspects associated with development will be discussed. Prerequisite: PSY 1113.

**PSY 3043 Child Psychology**  
This course provides an understanding of human behavior and mental processes from conception through adolescence. Includes study for the physical, cognitive, and psychosocial development of the child. Prerequisite: PSY 1113.

**PSY 3053 History and Systems of Psychology**  
Survey of the history of the various dogmas, theories, technology, and methodological approaches to the behavioral sciences. Prerequisite: PSY 1113.

**PSY 4013 Clinical Psychology**  
This course is designed for undergraduate psychology majors with an interest in clinical psychology. The intent is to provide a survey of the field including the history, scope, methods, concepts, and profession of clinical psychology. We will also review the different theoretical perspectives that constitute the discipline. The objective of this course is to provide the student with a broad, solid foundation in clinical psychology in preparation for further training in a mental health profession or psychology graduate program.

**PSY 4023 Physiological Psychology**  
An examination of the biological basis of behavior with emphasis on the structural and functional anatomy of the central nervous system. Prerequisites: PSY 1113 and junior standing.

**Social and Behavioral Sciences**

**SBS 3013 Research Methods I: Research Designs**  
An introduction to major research methods used in the social sciences (especially history, political science, psychology, and sociology). Students will become familiar with qualitative and quantitative research methods and explore key issues in research design.

**SBS 3023 Research Methods II: Analysis and Application**  
Appropriate social science research methods are applied to a problem or topic of the student’s choice. Students may conduct original research, formulate research proposals, or synthesize existing research for the benefit of a non-specialist audience.

**SBS 3033 Perspectives on Human Behavior**  
A study of the differing conceptions of human behavior prevalent in the contemporary social sciences.

**SBS 3043 Field Placement**  
Students volunteer in one or more community service agencies or charities to acquire personal knowledge of human problems and organized efforts to respond to them. Weekly meetings and journals provide for reflection on this experience.

**SBS 3053 Social Systems and Problems**  
An inquiry into the origin and development of current social problems with specific reference to social action taken to address these problems. Students will investigate one major problem using the resources from more than one social science discipline.

**SBS 4033 Internship I**  
Students work under the dual supervision of a faculty member and a site supervisor in a government office, museum or historical society, mental health or human welfare agency, law enforcement or judicial organization, or a charitable agency. (CA 2253 satisfies requirement for this course.)

**SBS 4043 Internship II**  
Students work under the supervision of a faculty member and a site supervisor in a government office, museum or historical society, mental health or human welfare agency, law enforcement or judicial organization, or a charitable agency.

**SBS 4513 Senior Seminar: Capstone Experience**  
All graduating seniors are required to take a semester-long, three-credit seminar in which they conduct research on some issue of social consequence from several different and sometimes conflicting perspectives. This experience is designed to help them learn how to investigate, analyze, and synthesize information about practical, behavioral, and societal issues using skills developed through their program. Developing written and oral presentations about their research enhances students' ability to communicate and enter into dialogue with others about such issues.

**Sociology**

**SOC 1113 Introduction to Sociology**  
Foundations of social interaction including patterns of social structure, culture, socialization, family, education, religion, economic and political structures, primary relationships, social differentiation, organization, deviance, collective behavior, and social change. Scientific methods and sociological theorists will be discussed.

**SOC 1201 Career/Life Planning**  
An elective course designed to help the student develop a greater understanding of himself/herself and the meaningful world of work. Emphasizes career-planning steps.
**SOC 2083 Current Topics in Sociology**  
This course will focus on current topics in psychology not covered in existing course offerings. Intended for the purpose of offering high interest course topics during the semester. It may be repeated with changes of topic. Content varies with instructor.

**SOC 2123 Social Problems**  
A sociological approach to major social problems in contemporary American society. Emphasizes concepts of aging, health care, minorities, poverty, technology, work, and youth. A critical consideration of causes of social maladjustment and consideration for solving societal issues.

**SOC 2133 Drug Abuse**  
A social scientific approach to the nature, role, and effects of chemical and psychological addiction in society. Explores a variety of addiction issues as they relate to the social institutions of family, education, politics, and medicine.

**SOC 2353 General Anthropology**  
Introduction to the field of anthropology, emphasizing human evolution, human genetics, Old World archaeology, and the distribution of various breeding populations around the world. Prerequisite: SOC 1113 or consent of instructor.

**SOC 2593 Statistical Methods**  
The emphasis in the course will be on applying advanced statistical techniques to specific application areas such as social science, business, and medical fields. Research techniques, fieldwork, and computer analysis will be the tools involved in conducting the statistical applications in this course.

**SOC 2813 Introduction to Latin America**  
An overview of the geography, history, cultural traditions, and political systems of Latin America.

**SOC 3023 Juvenile Delinquency**  
The focus of this course is to examine the juvenile delinquency phenomenon through the historical context of delinquency and the changing legal environment (includes major court decisions that have transformed the juvenile system). Students will explore the theories of the causes of juvenile delinquency and discuss juvenile delinquency prevention and control programs.

**SOC 3033 Marriage and the Family**  
A survey of changes in family systems over the years. Area of study includes courtship, love, mate selection, parenthood, and family problems. The course also examines cross-cultural comparisons and considers alternatives to traditional family forms. Emphasis is placed on the use of empirical evidence to evaluate popular beliefs.

**SOC 3043 Social Ethics**  
Introduction to social ethics. This course focuses on ethical and religious values of societies as they serve as a basis for social, legal, and political decisions.

**SOC 3053 Cultural Ecology**  
An examination of how humans have used the various aspects of the social structure to adapt to the physical environment. Current ecological theories will be utilized to examine social evolution from hunting and gathering to industrial societies. Prerequisite: Nine hours of social science credit.

**SOC 3073 Criminology**  
Critical analysis of criminological theories. The examination of major types of crimes, victims, and criminal behavior. Other topics include definitions, incidents, and trends in criminal behavior and the response of law enforcement, judicial, and correctional systems.

**SOC 4013 Sociological Theory**  
A study of the great classical tradition in sociological theory and the expression of this tradition in contemporary theory. The course will include (but not be limited to) Weber, Marx, Durkheim, and Spencer. Prerequisite: Twelve hours of social science credit.
School of Mathematics, Science, and Health Sciences

Departments
• Mathematics and Science
• Health Sciences
Mathematics, Science, and Health Sciences

Bachelors Degrees

Biology (B.S.)
- Environmental Conservation
- Medical/Molecular Biology

Minors
- Biology
- Chemistry

Associate Degrees

Biological Science (A.S.)

Physical Science (A.S.)
- Chemistry
- Geology
- Engineering/Physics/Math

Pre-Nursing (A.S.)

Emergency Medical Services (A.A.S.)

Nursing (A.A.S.)
- Bridge NREMT – Paramedic/LPN to RN
MATHEMATICS AND SCIENCE DEPARTMENT
SCHOOL OF MATHEMATICS, SCIENCE, AND HEALTH SCIENCES

Dr. Keith Martin, Department Head

Mr. Larry Elzo  Dr. Doug Grenier  Dr. Adele Register  Dr. Patrick Seward
Ms. Claudia Glass  Dr. Yasoma Hulathduwa  Mr. Sam Richardson  Ms. Evalon St. John
Mr. Don Glass  Dr. Sue Katz  Dr. John Sawyer  Dr. Min Soe
Dr. Larry Green  Dr. Jae-Ho Kim  Dr. Patricia Seward  Dr. Kirk Voska

MISSION STATEMENT AND PURPOSES

The mission of the Department of Mathematics and Science at Rogers State University is to support students in their pursuit of knowledge in mathematics, life science, and physical science. Our purposes are:

1. To increase the student’s critical thinking and reasoning abilities.
2. To increase the student’s understanding and appreciation of the physical and biological world, and the ability to apply this understanding in his/her personal and professional life.
3. To increase the student’s awareness of the benefits of incorporation of technology into Science and Math studies.
4. To increase the student’s ability to interpret and understand his/her world mathematically.
5. To prepare a student to matriculate into a four-year degree program in math or science related fields or graduate.
6. To serve as a resource for the community, utilizing the expertise of the faculty.

PROGRAMS OF STUDY

Bachelor of Science

Biology
- Option: Environmental Conservation
- Option: Medical/Molecular Biology

Minors

Biology
Chemistry

Associate in Science

Biological Science

Physical Science
- Option: Chemistry
- Option: Geology
- Option: Engineering/Physics/Math
BACHELOR OF SCIENCE

BIOLOGY

OPTION: ENVIRONMENTAL CONSERVATION (112E)

Under the Bachelor of Science in Biology, there are two emphases: the Medical/Molecular emphasis and the Environmental Conservation emphasis. The four-year program seeks to develop a biologist well founded in either area of emphasis. The student integrates mathematical and physical science concepts into biology. The student uses the scientific method as well as evaluates other’s use of this method of inquiry. He/she writes and presents scientific papers and reports. The degree is augmented with individual research and internships for successful postgraduate and professional careers.

REQUIRED HOURS .................................. 121

Communications ................................. 9
ENGL 1113  Composition I
ENGL 1213  Composition II
SPCH 1113  Speech Communication

Social and Behavioral Sciences ................. 9
History ........................................ 3
Select one of the following:

HIST 2483  American History to 1877
HIST 2493  American History since 1877

POLS 1113  American Federal Government ..... 3

Social Science ................................. 3
Select one of the following:

ECON 2113  Principles of Macroeconomics
ECON 2123  Principles of Microeconomics
PSY 1113  Introduction to Psychology
SOC 1113  Introduction to Sociology

Science and Mathematics .......................... 12
Physical Science .......................... 5
Choose from the following:

* CHEM 1315  General Chemistry I
GEOL 1014  Earth Science
GEOL 1114  Physical Geology
GEOL 1124  Physical Geography
GEOL 1224  Historical Geology
GEOL 2124  Astronomy
PHYS 1014  General Physical Science
PHYS 1114  General Physics I

Biological Science .............................. 4
Choose from the following:

BIOL 1114  General Biology
BIOL 1134  General Environmental Biology
* BIOL 1144  General Cellular Biology

Mathematics ...................................... 3
Choose three hours from the following:

MATH 1503  Mathematics for Critical Thinking
* MATH 1513  College Algebra
MATH 1613  Trigonometry
MATH 1715  Pre-Calculus
MATH 2264  Analytical Geometry & Calculus I

Humanities ................................... 6
Select two of the following:

ART (HUM)1113  Art Appreciation
COMM (HUM)2413  Theatre Appreciation
ENGL 2613  Introduction to Literature
HUM 2113  Humanities I
HUM 2223  Humanities II
HUM 2893  Cinema
MUSC (HUM)2573  Music Appreciation
PHIL 1113  Introduction to Philosophy

Global Studies ................................. 3
Select one of the following:

BIOL 3104  Plants and Civilization
ECON 3003  International Economic Issues and Policies
GEOG 2243  Human Geography
HIST 2013  World Civilization I
HIST 2023  World Civilization II
HUM 3633  Comparative Religion
LANG 1113  Foundations of World Languages
NAMS 1143  Native Americans of North America
NAMS 2503  Cherokee I
PHIL 1313  Values and Ethics
POLS 3053  International Relations
SPAN 1113  Beginning Spanish I

Elective ........................................ 3
Choose 3 hours from courses not selected above.

* Required
<table>
<thead>
<tr>
<th>Program Requirements</th>
<th>Environmental Conservation</th>
</tr>
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<tbody>
<tr>
<td>BIOL 2104 General Botany</td>
<td>Required Support Courses</td>
</tr>
<tr>
<td>BIOL 2205 General Zoology</td>
<td>CHEM 1415 General Chemistry II</td>
</tr>
<tr>
<td>BIOL 3024 Genetics</td>
<td>CHEM 3125 Organic Chemistry I</td>
</tr>
<tr>
<td>BIOL 4602 Biology Research Methods I</td>
<td>PHYS 1114 General Physics I</td>
</tr>
<tr>
<td>BIOL 4801 Biology Research Methods II</td>
<td><strong>Guided Selected Electives</strong></td>
</tr>
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</table>

Environmental Conservation

| Guided Electives (BIOL, CHEM, GEOL, MATH, PHYS) |
| Minimum 6 hours of 3000–4000 upper-division courses |

<table>
<thead>
<tr>
<th>Selected Electives</th>
<th><strong>Total Credit Hours</strong></th>
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<tr>
<td></td>
<td>13</td>
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<tr>
<td>121</td>
<td></td>
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</tbody>
</table>
BACHELOR OF SCIENCE
BIOLOGY
OPTION: MEDICAL/MOLECULAR (112M)

Under the Bachelor of Science in Biology, there are two emphases: the Medical/Molecular emphasis and the Environmental Conservation emphasis. The four-year program seeks to develop a biologist well founded in either area of emphasis. The student integrates mathematical and physical science concepts into biology. The student uses the scientific method as well as evaluates other’s use of this method of inquiry. He/she writes and presents scientific papers and reports. The degree is augmented with individual research and internships for successful postgraduate and professional careers.

REQUIRED HOURS ............................................. 121

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<thead>
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<th>Communications</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
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<td>ENGL 1213</td>
<td>Composition II</td>
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<tr>
<td>SPCH 1113</td>
<td>Speech Communication</td>
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<table>
<thead>
<tr>
<th>Social and Behavioral Sciences</th>
<th>............................. 9</th>
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<td>History</td>
<td>............................. 3</td>
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<tr>
<td>Select one of the following:</td>
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<td>HIST 2483</td>
<td>American History to 1877</td>
</tr>
<tr>
<td>HIST 2493</td>
<td>American History Since 1877</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Federal Government . . . . . . . . . . . . . 3</td>
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<thead>
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<td>Select one of the following:</td>
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<tr>
<td>ECON 2113</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 2123</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>(Psychology required for pre-med.)</td>
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<td>SOC 1113</td>
<td>Introduction to Sociology</td>
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<th>Science and Mathematics</th>
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<td>Physical Science</td>
<td>............................. 5</td>
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<td>Choose from the following:</td>
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<tr>
<td>* CHEM 1315</td>
<td>General Chemistry I</td>
</tr>
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<td>GEOL 1014</td>
<td>Earth Science</td>
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<td>GEOL 1114</td>
<td>Physical Geology</td>
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<td>General Physical Science</td>
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<td>General Physics I</td>
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<td>Biological Science</td>
<td>............................. 4</td>
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<td>Choose from the following:</td>
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<td>BIOL 1114</td>
<td>General Biology</td>
</tr>
<tr>
<td>BIOL 1134</td>
<td>General Environmental Biology</td>
</tr>
<tr>
<td>* BIOL 1144</td>
<td>General Cellular Biology</td>
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</table>

<table>
<thead>
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<tr>
<td>Choose three hours from the following:</td>
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<tr>
<td>MATH 1503</td>
<td>Mathematics for Critical Thinking</td>
</tr>
<tr>
<td>* MATH 1513</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 1613</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 1715</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>MATH 2264</td>
<td>Analytical Geometry &amp; Calculus I</td>
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</table>

<table>
<thead>
<tr>
<th>Humanities</th>
<th>............................. 6</th>
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</thead>
<tbody>
<tr>
<td>Select two of the following:</td>
<td></td>
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<tr>
<td>ART (HUM)1113</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>COMM (HUM)2413</td>
<td>Theatre Appreciation</td>
</tr>
<tr>
<td>ENGL 2613</td>
<td>Introduction to Literature</td>
</tr>
<tr>
<td>HUM 2113</td>
<td>Humanities I</td>
</tr>
<tr>
<td>HUM 2223</td>
<td>Humanities II</td>
</tr>
<tr>
<td>HUM 2893</td>
<td>Cinema</td>
</tr>
<tr>
<td>MUSC (HUM) 2573</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>PHIL 1113</td>
<td>Introduction to Philosophy</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Global Studies</th>
<th>............................. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following:</td>
<td></td>
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<tr>
<td>BIOL 3104</td>
<td>Plants and Civilization</td>
</tr>
<tr>
<td>ECON 3003</td>
<td>International Economic Issues and Policies</td>
</tr>
<tr>
<td>GEOG 2243</td>
<td>Human Geography</td>
</tr>
<tr>
<td>HIST 2013</td>
<td>World Civilization I</td>
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<tr>
<td>HIST 2023</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>HUM 3633</td>
<td>Comparative Religion</td>
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<td>LANG 1113</td>
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<td>Cherokee I</td>
</tr>
<tr>
<td>PHIL 1313</td>
<td>Values and Ethics</td>
</tr>
<tr>
<td>POLS 3053</td>
<td>International Relations</td>
</tr>
<tr>
<td>SPAN 1113</td>
<td>Beginning Spanish I</td>
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<table>
<thead>
<tr>
<th>Elective</th>
<th>............................. 3</th>
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<tbody>
<tr>
<td>Choose 3 hours of courses not selected above.</td>
<td></td>
</tr>
<tr>
<td>* Required</td>
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</table>
## Program Core Requirements .......................... 16
- BIOL 2104 General Botany
- BIOL 2205 General Zoology
- BIOL 3024 Genetics
- BIOL 4602 Biology Research Methods I
- BIOL 4801 Biology Research Methods II

## Medical/Molecular Emphasis .......................... 16
- BIOL 3204 Physiology
- BIOL 3504 Molecular Biology
- BIOL 3525 Biology of Microorganisms
- BIOL 4153 Molecular Genetics

## Medical/Molecular Required ............................ 27

### Support Courses
- CHEM 1415 General Chemistry II
- CHEM 3125 Organic Chemistry I
- CHEM 3225 Organic Chemistry II
- CHEM 3404 Biochemistry
- PHYS 1114 General Physics I
- PHYS 1214 General Physics II

## Medical/Molecular Guided .............................. 8

### Selected Electives
- BIOL 3000/4000 Upper-division biology courses.

## Selected Electives .............................. 12

## Total Credit Hours .............................. 121
A minor requires completion of at least 18-24 designated credit hours of course work outside the student’s major field, including a minimum of 9 upper-division credit hours and at least a 6-hour required core. The same courses may not be used to fulfill the requirements for both a major and a minor. No more than one course (3–4 credit hours) under General Education can be used for a minor.

**MINOR IN BIOLOGY (003B)**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>12-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1144</td>
<td>General Cellular Biology</td>
</tr>
</tbody>
</table>

*and two of the following three courses:*

| BIOL 2104 | General Botany |
| BIOL 2205 | General Zoology |
| BIOL 2124 | Microbiology |
| or       |             |
| BIOL 3525 | Biology of Microorganisms |

<table>
<thead>
<tr>
<th>Electives</th>
<th>9</th>
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<tbody>
<tr>
<td>Nine upper-division hours in Biology</td>
<td></td>
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</tbody>
</table>

Recommendation for Physical Science requirement in General Education:

| CHEM 1315 | Chemistry I |

| Total Credit Hours | 21–23 |

*Not open to students choosing Bachelor of Science in Biology degree.*

**MINOR IN CHEMISTRY (028C)**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>20</th>
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<tbody>
<tr>
<td>CHEM 1315</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHEM 1415</td>
<td>General Chemistry II</td>
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<td>CHEM 3125</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHEM 3225</td>
<td>Organic Chemistry II</td>
</tr>
</tbody>
</table>

| Total Credit Hours | 20 |

*The same courses may not be used to fulfill the requirements for both a major and a minor.*
# ASSOCIATE IN SCIENCE
## BIOLOGICAL SCIENCE (003)

The Associate in Science in Biological Science consists of the general education curriculum and the supporting science courses. In support of the mission of the University, the school, and the department, the degree seeks to develop a student with a broad and diverse background in science and general education.

**REQUIRED HOURS** .................................................. 64

### Communications .................................................. 9
- **ENGL** 1113 Composition I
- **ENGL** 1213 Composition II
- **SPCH** 1113 Speech Communication

### Social and Behavioral Sciences .............................. 9
- **History** .................................................. 3
  - Select one of the following:
    - **HIST** 2483 American History to 1877
    - **HIST** 2493 American History since 1877
- **POLS** 1113 American Federal Government .... 3

### Social Science .................................................. 3
- **ECON** 2113 Principles of Macroeconomics
- **ECON** 2123 Principles of Microeconomics
- **PSY** 1113 Introduction to Psychology
- **SOC** 1113 Introduction to Sociology

### Science and Mathematics .................................... 12
- **Physical Science** ........................................... 5
  - Choose from the following:
    - **CHEM** 1315 General Chemistry I
    - **GEOL** 1014 Earth Science
    - **GEOL** 1114 Physical Geology
    - **GEOL** 1124 Physical Geography
    - **GEOL** 1224 Historical Geology
    - **GEOL** 2124 Astronomy
    - **PHYS** 1014 General Physical Science
    - **PHYS** 1114 General Physics I

- **Biological Science** ......................................... 4
  - Choose from the following:
    - **BIOL** 1114 General Biology
    - **BIOL** 1134 General Environmental Biology
    - **BIOL** 1144 General Cellular Biology

- **Mathematics** ................................................ 3
  - Choose from the following:
    - **MATH** 1503 Mathematics for Critical Thinking
    - **MATH** 1513 College Algebra or higher
    - **MATH** 1613 Trigonometry
    - **MATH** 1715 Pre-Calculus
    - **MATH** 2264 Analytical Geometry and Calculus I

### Humanities ....................................................... 6
- Select two of the following:
  - **ART** (HUM) 1113 Art Appreciation
  - **COMM** (HUM) 2413 Theatre Appreciation
  - **ENGL** 2613 Introduction to Literature
  - **HUM** 2113 Humanities I
  - **HUM** 2223 Humanities II
  - **HUM** 2893 Cinema
  - **MUSC** (HUM) 2573 Music Appreciation
  - **PHIL** 1113 Introduction to Philosophy

### Global Studies .................................................. 3
- Select one of the following:
  - **Biol** 3104 Plants and Civilization
  - **ECON** 3003 International Economic Issues and Policies
  - **GEOG** 2243 Human Geography
  - **HIST** 2013 World Civilization I
  - **HIST** 2023 World Civilization II
  - **HUM** 3633 Comparative Religion
  - **LANG** 1113 Foundations of World Languages
  - **NAMS** 1143 Native Americans of North America
  - **NAMS** 2503 Cherokee I
  - **PHIL** 1313 Values and Ethics
  - **POLS** 3053 International Relations
  - **SPAN** 1113 Beginning Spanish I

### Elective .......................................................... 3
- Select 3 hours from courses not selected above.

### Program Requirements ....................................... 18
- **Biol** (Any course 2000 or higher)
- **BIOL** 2104 General Botany
- **BIOL** 2205 General Zoology
- **CHEM** 1415 General Chemistry II

### Support and Related ......................................... 4
- Select from the following:
  - **Biol** (Any course 2000 or higher)
  - **CHEM** 3125 Organic Chemistry I
  - **CHEM** 3225 Organic Chemistry II
  - **MATH** 2843 Statistics
  - **PHYS** 1114 General Physics I
  - **PHYS** 1214 General Physics II

**Total Credit Hours** ......................................... 64-65

* Required
ASSOCIATE IN SCIENCE

PHYSICAL SCIENCE

OPTION: CHEMISTRY (02C)

The Associate in Science in Physical Science with an option in Chemistry is designed to provide the student with the first two years of general requirements.

REQUIRED HOURS ........................................... 66

Communications .............................................. 9

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<td>ENGL</td>
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<td>ENGL</td>
<td>1213 Composition II</td>
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<td>SPCH</td>
<td>1113 Speech Communication</td>
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Social and Behavioral Sciences .......................... 9

Select from the following:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>HIST</td>
<td>2483 American History to 1877</td>
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<tr>
<td>HIST</td>
<td>2493 American History since 1877</td>
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<tr>
<td>POLS</td>
<td>1113 American Federal Government</td>
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Social Science .............................................. 3

Select from the following:

<table>
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<tbody>
<tr>
<td>ECON</td>
<td>2113 Principles of Macroeconomics</td>
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<tr>
<td>ECON</td>
<td>2123 Principles of Microeconomics</td>
</tr>
<tr>
<td>PSY</td>
<td>1113 Introduction to Psychology</td>
</tr>
<tr>
<td>SOC</td>
<td>1113 Introduction to Sociology</td>
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Science and Mathematics ................................. 12

Physical Science .......................................... 5

Choose from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>* CHEM</td>
<td>1315 General Chemistry I</td>
</tr>
<tr>
<td>GEOL</td>
<td>1014 Earth Science</td>
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<tr>
<td>GEOL</td>
<td>1114 Physical Geology</td>
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<tr>
<td>GEOL</td>
<td>1124 Physical Geography</td>
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<td>GEOL</td>
<td>1224 Historical Geology</td>
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<td>2124 Astronomy</td>
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<td>PHYS</td>
<td>1014 General Physical Science</td>
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<tr>
<td>PHYS</td>
<td>1114 General Physics I</td>
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Biological Science ......................................... 4

Choose from the following:

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<tbody>
<tr>
<td>BIOL</td>
<td>1114 General Biology</td>
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<tr>
<td>BIOL</td>
<td>1134 General Environmental Biology</td>
</tr>
<tr>
<td>BIOL</td>
<td>1144 General Cellular Biology</td>
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Mathematics .................................................. 3

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<td>1503 Mathematics for Critical Thinking</td>
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<tr>
<td>* MATH</td>
<td>1513 College Algebra or higher</td>
</tr>
<tr>
<td>MATH</td>
<td>1613 Trigonometry</td>
</tr>
<tr>
<td>MATH</td>
<td>1715 Pre-Calculus</td>
</tr>
<tr>
<td>MATH</td>
<td>2264 Analytical Geometry and Calculus I</td>
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</table>

Humanities .................................................. 6

Select two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART</td>
<td>1113 Art Appreciation</td>
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<tr>
<td>COMM</td>
<td>2413 Theatre Appreciation</td>
</tr>
<tr>
<td>ENGL</td>
<td>2613 Introduction to Literature</td>
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<tr>
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<td>2113 Humanities I</td>
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<td>2223 Humanities II</td>
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<tr>
<td>HUM</td>
<td>2893 Cinema</td>
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<td>MUSC</td>
<td>2573 Music Appreciation</td>
</tr>
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<td>1113 Introduction to Philosophy</td>
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Global Studies .............................................. 3

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL</td>
<td>3104 Plants and Civilization</td>
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<tr>
<td>ECON</td>
<td>3003 International Economic Issues and Policies</td>
</tr>
<tr>
<td>GEOG</td>
<td>2243 Human Geography</td>
</tr>
<tr>
<td>HIST</td>
<td>2013 World Civilization I</td>
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<tr>
<td>HIST</td>
<td>2023 World Civilization II</td>
</tr>
<tr>
<td>HUM</td>
<td>3633 Comparative Religion</td>
</tr>
<tr>
<td>LANG</td>
<td>1113 Foundations of World Languages</td>
</tr>
<tr>
<td>NAMS</td>
<td>1143 Native Americans of North America</td>
</tr>
<tr>
<td>NAMS</td>
<td>2503 Cherokee I</td>
</tr>
<tr>
<td>PHIL</td>
<td>1313 Values and Ethics</td>
</tr>
<tr>
<td>POLS</td>
<td>3053 International Relations</td>
</tr>
<tr>
<td>SPAN</td>
<td>1113 Beginning Spanish I</td>
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Elective ...................................................... 3

Select three hours from courses not selected above.

Program Requirements .................................... 18

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CHEM</td>
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<tr>
<td>CHEM</td>
<td>3125 Organic Chemistry I</td>
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<td>CHEM</td>
<td>3225 Organic Chemistry II</td>
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Support and Related ..................................... 6

Select from the following:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS</td>
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</tr>
<tr>
<td>GEOL</td>
<td>1014 Earth Science</td>
</tr>
<tr>
<td>MATH</td>
<td>2264 Analytical Geometry and Calculus I</td>
</tr>
<tr>
<td>PHYS</td>
<td>1114 General Physics I</td>
</tr>
<tr>
<td>PSY</td>
<td>1113 Introduction to Psychology</td>
</tr>
</tbody>
</table>

Total Credit Hours ......................................... 66

* Required

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ASSOCIATE IN SCIENCE  
PHYSICAL SCIENCE  
OPTION: GEOLOGY (02G)

The Associate in Science in Physical Science with an option in Geology is designed to provide the student with the first two years of general requirements.

REOUIRED HOURS ........................................ 63

Communications  ................................. 9
ENGL  1113 Composition I
ENGL  1213 Composition II
SPCH  1113 Speech Communication

Social and Behavioral Sciences  .......... 9
History  ................................. 3
Select from the following:
   HIST  2483 American History to 1877
   HIST  2493 American History since 1877

POLS  1113 American Federal Government .... 3

Social Science  ......................... 3
ECON  2113 Principles of Macroeconomics
ECON  2123 Principles of Microeconomics
PSY  1113 Introduction to Psychology
SOC  1113 Introduction to Sociology

Science and Mathematics .................... 11
Physical Science  ............................. 4
Choose from the following:
   CHEM  1315 General Chemistry I
   GEOL  1014 Earth Science
   GEOL  1114 Physical Geology
   GEOL  1124 Physical Geography
   GEOL  1224 Historical Geology
   GEOL  2124 Astronomy
   PHYS  1014 General Physical Science
   PHYS  1114 General Physics I

Biological Science  ............................ 4
Choose from the following:
   BIOL  1114 General Biology
   BIOL  1134 General Environmental Biology
   BIOL  1144 General Cellular Biology

Mathematics  ............................... 3
Choose from the following:
   MATH  1503 Mathematics for Critical Thinking
*  MATH  1513 College Algebra or higher
   MATH  1613 Trigonometry
   MATH  1715 Pre-Calculus
   MATH  2264 Analytical Geometry and Calculus I

Humanities ............................................. 6
Select two of the following:
   ART (HUM) 1113 Art Appreciation
   COMM (HUM) 2413 Theatre Appreciation
   ENGL  2613 Introduction to Literature
   HUM  2113 Humanities I
   HUM  2223 Humanities II
   HUM  2893 Cinema
   MUSC (HUM) 2573 Music Appreciation
   PHIL  1113 Introduction to Philosophy

Global Studies  ................................. 3
Select one of the following:
   BIOL  3104 Plants and Civilization
   ECON  3003 International Economic Issues and Policies
   GEOG  2243 Human Geography
   HIST  2013 World Civilization I
   HIST  2023 World Civilization II
   HUM  3633 Comparative Religion
   LANG  1113 Foundations of World Languages
   NAMS  1143 Native Americans of North America
   NAMS  2503 Cherokee I
   PHIL  1313 Values and Ethics
   POLS  3053 International Relations
   SPAN  1113 Beginning Spanish I

 Elective  ........................................... 3
Select three hours from courses not selected above.

Program Requirements  .................... 16
   GEOL  1114 Physical Geology
   GEOL  1124 Physical Geography
   GEOL  2124 Historical Geology
   GEOL  2124 Astronomy

Support and Related 6
Select two from the following:
   CHEM  1415 General Chemistry II
   ENGL  2333 Technical Writing
   MATH (BADM) 2843 Statistics
   PHYS  1214 General Physics II

Total Credit Hours  ......................... 63

* Required
ASSOCIATE IN SCIENCE

PHYSICAL SCIENCE
OPTION: ENGINEERING/PHYSICS/MATH (028E)

The Associate in Science in Physical Science with an option in Engineering/Physics/Math is designed to give the student a broad but intense background in engineering/physics/math.

REQUIRED HOURS .......................... 66

Communications .......................... 9

ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences .............. 9

Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government . . . . 3

Social Science .......................... 3

Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics ...................... 13

Physical Science .......................... 5

Choose from the following:
* CHEM 1315 General Chemistry I
  GEOL 1014 Earth Science
  GEOL 1114 Physical Geology
  GEOL 1224 Physical Geography
  GEOL 2124 Historical Geology
  GEOL 2124 Astronomy
  PHYS 1014 General Physical Science
  PHYS 1114 General Physics I

Biological Science .......................... 4

Choose from the following:
  BIOL 1114 General Biology
  BIOL 1134 General Environmental Biology
  BIOL 1144 General Cellular Biology

Mathematics .......................... 4

Choose from the following:
  MATH 1503 Mathematics for Critical Thinking
  MATH 1513 College Algebra  .....................
  MATH 1613 Trigonometry  ..................
  MATH 1715 Pre-Calculus  ................

* MATH 2264 Analytical Geometry and Calculus I

Humanities .......................... 6

Select two of the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies .......................... 3

Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2103 World Civilization I
HIST 2103 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Elective .......................... 3

Select three hours from courses not selected above.

Program Requirements .......................... 18

MATH 2364 Analytical Geometry and Calculus II
MATH 2464 Analytical Geometry and Calculus III
PHYS 2015 Engineering Physics I
PHYS 2115 Engineering Physics II

Support and Related .......................... 5

Select five credit hours from the following:
CHEM 1415 General Chemistry II
CS 1213 Introduction to Computing
GEOL 2124 Astronomy
MATH 1613 Trigonometry
MATH (BADM) 2843 Statistics
MATH 3113 Differential Equations

Total Credit Hours .......................... 66

* Required
**Biological Science**

**BIOL 0123 Science Proficiency**
The primary objective is to provide knowledge of the basic concepts and principles of physical and life sciences. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0114 or equivalent.

**BIOL 1114 General Biology**
General Biology provides an introduction to various topics in biological science including basic chemistry; cellular biology; studies of animals, plants, protozoans, and fungi; human biology; genetics and heredity; and environmental/population studies. This course meets the four credit hour life sciences requirement for graduation from Rogers State University and is open to any student. Lecture three hours, lab two hours per week.

**BIOL 1134 General Environmental Biology**
A general survey of environmental science. Includes an introduction to basic ecological principles with an emphasis on major modes of environmental pollution. Lab a minimum of two hours per week.

**BIOL 1144 General Cellular Biology**
An introduction to inorganic and organic chemistry, with an extensive survey of cell structure, cellular metabolism, enzymes, mitosis and meiosis, Mendelian genetics, and molecular genetics. Lab two hours per week.

**BIOL 2104 General Botany**
Basic processes and structures in plants; their relation to factors in the environment; reproduction heredity; heritable and non-heritable variations in plants and their causes and consequences are studied. Previous course in chemistry recommended. Laboratory required. Prerequisite: BIOL 1144.

**BIOL 2124 Microbiology**
General microbiology with emphasis on fundamentals of morphology, physiology, and growth related activities of pathogenic and nonpathogenic disease producing organisms. Principles involved in susceptibility and resistance to infections and the uses of immune sera and vaccines. Lab two hours per week. Prerequisite: BIOL 1144.

**BIOL 2205 General Zoology**
A survey of the animal kingdom, with special emphasis on phylogenetic relationships, structural adaptation, and ecological significance of the major phyla. A minimum of two hours of lab per week. Prerequisite: BIOL 1144.

**BIOL 2215 Anatomy and Physiology**
An introduction to the principles of the structure and function of the human body. A beginning course designed to emphasize the integration of all body systems. Lecture three hours, lab three hours. Prerequisite: BIOL 1144 or permission of instructor.

**BIOL 2285 Anatomy**
A study of the structure of the human body with emphasis on dissection and analysis of organ systems. Requires three hours of lecture each week and three hours of lab per week. Prerequisite: BIOL 1144 or BIOL 2205, or permission of instructor.

**BIOL 3004 Field Botany**
An introduction to Oklahoma flora based upon classification, distribution, and natural history of representatives of the plant phyla of this region. Laboratory and extensive field work required. Prerequisite: BIOL 2104.

**BIOL 3014 Ecology of Mammals**
A study of morphology, systematics, and distribution of mammals in Oklahoma, North American, and globally: biogeography; evolution; and physiological, morphological, and behavioral adaptations. Prerequisite: BIOL 2205.

**BIOL 3024 Genetics**
An introduction to basic concepts of Mendelian genetics and an inquiry into the basic processes of evolution. Laboratory required. Prerequisites: BIOL 1144 and CHEM 1315. MATH 2843 is recommended.

**BIOL 3034 General Ecology**
A study of the structure and function of ecosystems including a survey of the aquatic and terrestrial habitats. Includes laboratory and field trips. Prerequisites: BIOL 2205 and BIOL 2104.

**BIOL 3104 Plants and Civilization**
The study of the interaction between plants and human cultures in both historical and contemporary societies. This course examines the use of plants as medicines, foods, and materials within social and scientific settings. Prerequisite: BIOL 1114, BIOL 1134, or BIOL 1144.

**BIOL 3204 Physiology**
A study of the functions and biochemical processes of the cells, tissues, and organ systems, with special emphasis on humans. Laboratory required. Prerequisites: BIOL 1144 and 2285, or BIOL 2205 and CHEM 1315.

**BIOL 3275 Comparative Vertebrate Anatomy**
A comparative study of the morphology and evolution of the vertebrates as well as function and evolution of various representative organ systems. Lab three hours per week. Prerequisite: BIOL 2205.

**BIOL 3504 Molecular Biology**
Course will include structure and function of cells and subcellular components; syntheses and regulation of DNA, RNA and protein; cell cycles; chromosome structure; and cell differentiation. Lab will include studies of cellular and chromosomal structure and basic molecular biology techniques. Laboratory required. Prerequisites: BIOL 1144, CHEM 1315, and CHEM 1415.
BIOL 3513 Environmental Conservation
Studies the requirements and regulations of wildlife /natural resources on a regional and global scale. Emphasis will be given to ecosystem management, landscape ecology, and threats to environmental and global biodiversity. Prerequisite: BIOL 3034.

BIOL 3525 Biology of Microorganisms
Structure/function, physiology, genetics, evolution, and diversity of prokaryotic microorganisms and their impact on humans and the environment. Laboratory four hours per week. Prerequisites: BIOL 1144, CHEM 1415. Recommended: CHEM 3125.

BIOL 4014 Ornithology
A study of classification, distribution, identification, life histories and evolution of birds. Specimen preparation and field techniques emphasize Oklahoma species. Prerequisite: BIOL 2205.

BIOL 4153 Molecular Genetics
Study of transcription, translation, and replication, gene organization, regulation, and expression at the molecular level for prokaryotes and eukaryotes. Prerequisites: BIOL 1144 and CHEM 1415. CHEM 3125 is recommended.

BIOL 4303 Plant and Animal Toxicology
An introduction to the effects caused by exposure of living organisms to chemical substances. Reading, research, and discussions on environmental effects and consequences of organic and inorganic toxins are required. Prerequisites: BIOL 2205, BIOL 2104, and CHEM 3125.

BIOL 4414 Immunology
The study of fundamental principles of immunity and hypersensitivity as well as the functional expression of the immune system. Laboratory required. Prerequisite: BIOL 3024.

BIOL 4524 Field Zoology
An introduction to local animal life based upon classification, distribution, and natural history of representatives of the animal phyla of this region. Laboratory and extensive fieldwork required. Prerequisite: BIOL 2205.

BIOL 4554 Aquatic Biology
Aquatic Biology is an introduction to the study of freshwater systems. Local freshwater ecosystems will be described and characterized in terms of physiographic and biological features emphasizing their inherent ecological relationships. Extensive fieldwork will introduce students to surveying techniques and analytical evaluation of freshwater systems. Prerequisites: BIOL 2205, BIOL 2104, CHEM 1315. CHEM 1415 recommended.

BIOL 4602 Biology Research Methods I
Introduction to research methods and design in the biological sciences. Students will synthesize a proposal of an original research project presented in oral and written format. Prerequisite: eight upper-division hours in biology.

BIOL 4801 Biology Research Methods II
Investigation of research problem proposed in Biology Research Methods I (BIOL 4602). Students will complete research methods, conduct proposed research, analyze results, and present data in oral and written format. Prerequisite: BIOL 4602, or permission.

Chemistry

CHEM 1315 General Chemistry I
Introductory course in inorganic chemistry dealing with fundamental concepts of measurements, atomic theory, electron configuration, periodicity, bonding, molecular structure, stoichiometry, gas laws, and changes in state and thermochemistry. Lab Required. Pre- or corequisite: MATH 1513.

CHEM 1415 General Chemistry II
This course is algebra-based and is a continuation of CHEM 1315 with emphasis on kinetics, equilibrium, thermodynamics, electrochemistry, qualitative analysis, organic chemistry, biochemistry, and nuclear chemistry. Lab four hours per week. Prerequisite: CHEM 1315.

CHEM 3125 Organic Chemistry I
A two-semester study of fundamental concepts of organic chemistry including acid base theory, nomenclature, structures, reactions and reaction mechanisms of the principal functional groups. Laboratory required. Prerequisite: CHEM 1415.

CHEM 3225 Organic Chemistry II
Continuation of CHEM 3125 covering the fundamental concepts of organic structure and reactions of the principal functional groups as well as reaction mechanisms. Laboratory required. Prerequisite: CHEM 3125.

CHEM 3404 Biochemistry
Study of compounds and reaction mechanisms occurring in living organisms. Laboratory required. Prerequisite: CHEM 3225.

CHEM 3515 Environmental Chemistry
A course designed to provide chemical and analytical applications within industrial and environmental settings. Advanced laboratory skills with emphasis on EPA methods will be stressed. Labs will include proper sampling techniques, sample handling and storage, and analysis of student-obtained field samples. Prerequisite: CHEM 1415.
Engineering
ENGR 1411 Engineering Orientation
Lectures on engineering as a profession, electronic calculators, statistical presentation of data, graphical analysis, and engineering problem solving. Recommended for all pre-engineering and engineering technician majors.

Geology
GEOL 1014 Earth Science
Study of the sciences related to Earth and our solar system-geology, meteorology, oceanography, and astronomy. Lab required.

GEOL 1114 Physical Geology
Geology of the physical Earth, materials of which it is made, the processes that act on these materials, and the products formed by the processes. Subjects of interest are examined in light of the plate tectonic theory: rocks and minerals, weathering and erosion, volcanoes, earthquakes, glaciers, streams, groundwater, and mountain building. Lab required.

GEOL 1124 Physical Geography
A course dealing with the study of Earth’s crust, oceans, soils, landscapes, weather, and climates. Lab required.

GEOL 1224 Historical Geology
Study of the history of the physical Earth and the evolution of its life forms through geologic time-development of Earth’s major features by the process of plate tectonics. Lab required. Prerequisite: GEOL 1114 or GEOL 1014.

GEOL 2124 Astronomy
Study of the astronomical universe and the perspectives used by astronomers in scientific study of the cosmos, the planets, and the birth and death of galactic objects. Lab required. Four credit hours.

Mathematics
MATH 0013 Basic Math
This beginning algebra course contains a basic math component consisting of operations with real numbers, percentages, volumes, areas, and perimeters of simple geometric figures, metric system, English system, and scientific notation. The elementary algebra component includes the following: signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations, and inequalities, systems of linear equations, and graphing. This course does not substitute for MATH 1503 or MATH 1513. This course does not apply toward total credit hours for graduation.

MATH 0113 Elementary Algebra
A beginning algebra class. Included within this course are signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations, and graphing. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0013 or equivalent.

MATH 0114 Elementary Algebra Plus
A beginning algebra class. Included within this course are signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations and inequalities, systems of linear equations, and graphing. Lecture three hours, lab two hours per week. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0013 or equivalent.

MATH 0213 Intermediate Algebra
This class is a brief review of algebraic equations and inequalities, functions and graphs, systems of equations and inequalities, polynomials, rational expressions, roots, radicals, and quadratic functions. Prerequisite: MATH 0114 or appropriate placement scores. This course does not substitute for MATH 1503 or MATH 1513. This course does not apply toward total credit hours for graduation.

MATH 1503 Mathematics for Critical Thinking
The study of mathematics needed for critical evaluation of quantitative information. Includes basic logic/analytical reasoning, critical appraisal of graphs and tables, set theory, and introduction to descriptive and inferential statistics. Prerequisite: ACT math sub-score of 19 or equivalent.

MATH 1513 College Algebra
The study of linear functions and graphs of equations. Includes operations with functions; the study of polynomial, rational, exponential, and logarithmic functions and their graphs; sequences and variation. Prerequisite: ACT math sub-score of 19 or equivalent.

MATH 1613 Trigonometry
Includes trigonometric functions applications, identities, complex numbers, equations, inverse functions, and logarithmic functions. Pre or corequisite: MATH 1513.

MATH 1715 Pre-Calculus
This course covers the contents of college algebra and trigonometry.

MATH 1743 Calculus I for Business
Designed to acquaint the student with the applications of calculus to the solution of business problems, with emphasis on the applications to maximization, minimization, optimization, and marginal analysis. Prerequisite: MATH 1513.

MATH 2100 Seminar in Mathematics
The seminar offers the student an opportunity to study special topics in mathematics. Enrollment only by consent of the supervising instructor. (1-4 credit hours.)
MATH 2213 Mathematical Structures I
A content-oriented course for elementary teacher majors. A study of the fundamental structure of mathematics. Includes systematic problem solving, logic, set theory, properties and operations in the different number systems, various bases, number theory, and techniques of reasoning and proof. Prerequisites: ACT math sub-score of 19 or equivalent. MATH 0213 or equivalent.

MATH 2264 Analytical Geometry and Calculus I
Includes functions of one variable, rectangular coordinates, equations and properties of algebraic plane curves, limits, derivatives, differentials, anti-derivatives, definite integrals, applications of derivatives and integrals, the natural logarithm, and exponential functions. Prerequisite: MATH 1613.

MATH 2364 Analytical Geometry and Calculus II
A continuation of MATH 2264 covering applications of integration, derivatives and integrals of the inverse trigonometric functions, integration techniques, use of integral tables, indeterminate forms, improper integrals, sequences and series, Taylor and Maclaurin series, and conic sections. Prerequisite: Math 2264.

MATH 2464 Analytical Geometry and Calculus III
A continuation of MATH 2364 involving parametric equations, polar coordinates, analytic geometry in three space, vectors in two and three dimensions, vector-valued functions, derivatives of multi-variable functions, multiple integration, introduction to vector analysis, and Green’s Theorem. Prerequisite: MATH 2364.

MATH (BADM) 2843 Statistics
An introduction to basic statistical terminology, organization of data, measures of central tendency and dispersion, and application of statistical techniques. Includes elementary probability, sampling, estimation, hypothesis testing, and a variety of other statistical techniques. Prerequisite: MATH 1513 or instructor’s permission.

MATH 3113 Differential Equations
First-order ordinary differential equations, existence and uniqueness theorems, linear ordinary differential equations with constant coefficients, power series methods, numerical methods, and Laplace transform methods. Pre or corequisite: MATH 2464.

MATH 3413 Mathematical Structures II
A study of the fundamental structure of mathematics for non-science majors. Topics include: plane geometry; geometric motion such as translation, rotation, and reflection; polyhedra and applications to measurement. No major or minor credit in mathematics. Prerequisites: MATH 1503, MATH 1513, or MATH 2213.

MATH (CS) 3433 Discrete Mathematics
Logic, set theory, order, algorithms, mathematical proof including induction, recursive functions and recursive algorithms, combinatorics. Prerequisites: MATH 2264 and CS 2223.

MATH 3523 Linear Algebra

Physics

PHYS 1014 General Physical Science
An introduction to the fundamentals of physical science with emphasis in physics and chemistry. Course includes applications to other physical sciences. Laboratory required. Prerequisite: ACT math sub-score of 19 or equivalent.

PHYS 1114 General Physics I
General course including mechanics, heat, and sound. Satisfies requirements for pre-medical areas. Lab two hours per week. Prerequisite: MATH 1513. Pre or corequisite: MATH 1613.

PHYS 1214 General Physics II
General course including magnetism, electricity, and light. Continuation of PHYS 1114. Lab two hours per week. Prerequisites: MATH 1513, MATH 1613, and PHYS 1114.

PHYS 2015 Engineering Physics I
Intended for students majoring in physics, mathematics, or engineering. This course gives a more rigorous treatment of the topics of mechanics, heat, and sound than found in PHYS 1114. Lab two hours per week. Pre or corequisite: MATH 2264.

PHYS 2115 Engineering Physics II
A continuation of PHYS 2015, this course covers the topics of electricity, magnetism, and light. Lab two hours per week. Prerequisite: PHYS 2015. Pre or corequisite: MATH 2364.

PHYS 3113 Physics for Gaming
Application of the laws of physics to the creation of computer games with physics-based realism. Topics include kinematics, collisions, rotation of massive objects and explosions, and motion under the influence of various forces. Prerequisite: PHYS 1114.
HEALTH SCIENCES DEPARTMENT
SCHOOL OF MATHEMATICS, SCIENCE AND HEALTH SCIENCES

Ms. Linda Andrews, Department Head

Ms. Ann Sharon Blythe  Ms. Kimberly Graham  Mr. Clem Ohman
Mr. Larry Brewer  Dr. William Hart  Ms. Sharalee Savage
Ms. George Ann Daniels  Ms. Carla Lynch  Ms. Beverly Wise
Ms. Pamela Fowler

MISSION STATEMENT AND PURPOSES

The Department of Health Sciences is one of six academic departments at Rogers State University and supports the mission of Rogers State University. The Department mission is to prepare students to achieve personal and professional goals and to educate safe and competent beginning practitioners of selected health fields. The Department also prepares students majoring in other fields with health courses to support their degrees.

The faculty is committed to excellence in teaching and student service. Learning is best accomplished by providing students with accurate and reliable information, opportunities for individualized learning experiences, and guidance and direction supportive resources. The teacher-learner relationship is enhanced when accountabilities and expected outcomes are clear. Students are supported and guided by the faculty to become active participants in learning in order to achieve professional and personal goals. The Health Sciences faculty believes that scientific reasoning and critical thinking are reflected as clinical judgment.

The purposes of the RSU Health Sciences Department mission are to:

1. Provide an associate degree and certificates of achievement and educational opportunities for students, both traditional and nontraditional.

2. Provide opportunities for students to demonstrate competence in written and oral communications, scientific reasoning, and critical thinking that emphasizes qualitative as well as quantitative skills.

3. Promote and encourage a positive academic climate with students, community, faculty, and staff for instruction and communication.

PROGRAMS OF STUDY

Associate in Applied Science
  Emergency Medical Services

  Nursing
    Option: Bridge NREMTP-Paramedic/LPN to RN

Associate in Science
  Pre-Nursing
ASSOCIATE IN APPLIED SCIENCE
EMERGENCY MEDICAL SERVICES (094E)

The Rogers State University Emergency Medical Services Program began in 1991 and is approved by the Oklahoma State Department of Health-Emergency Medical Services Division. The Emergency Medical Services Program exists to provide selected students with educational opportunities in the classroom and in clinical settings, and to prepare them to enter the profession of Emergency Medical Services. Upon successful program completion, graduates of RSU Emergency Medical Services are eligible to take the National Registry Examination to become licensed as a Paramedic. PHTLS, ACLS, and PALS are included. The curriculum provides a collegiate-level educational experience well beyond the minimum requirements of licensure agencies. Admission is competitive.

Program Prerequisites

1. Basic Emergency Medical Technician (EMS 1108 or licensure)

2. Computer Proficiency: Successful completion of institutional computer science proficiency exam or CS 1113 Microcomputer Applications.

REQUIRED HOURS .................................................. 69

Communications ............................................... 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hrs</th>
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<td>ENGL 1113</td>
<td>Composition I</td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
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Social and Behavioral Sciences  ......................... 9

<table>
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<th>Course</th>
<th>Title</th>
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<td>American History to 1877</td>
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<td>HIST 2493</td>
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POLS 1113 American Federal Government ........ 3

Social Science ............................................. 3

<table>
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<th>Course</th>
<th>Title</th>
<th>Hrs</th>
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<tr>
<td>PSY 1113</td>
<td>Introduction to Psychology</td>
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Science and Mathematics  ................................. 4

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<tr>
<th>Course</th>
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<td>BIOL 1144</td>
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Orientation ............................................... 1

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<td>ORIE 1151</td>
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Program Requirements .................................... 46

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<td>ECG Interpretation</td>
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<td>EMS 2104</td>
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<td>EMS 2112</td>
<td>Special Needs in Emergency Medical Services</td>
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<td>EMS 2125</td>
<td>Cardiac/Respiratory Emergencies</td>
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<td>EMS 2224</td>
<td>Pediatric Emergencies</td>
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<td>EMS 2244</td>
<td>EMS Leadership</td>
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Support and Related ..................................... 3

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<tr>
<td>HLSC 1233</td>
<td>Medical Terminology</td>
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Total Credit Hours ...................................... 69

RSU Bulletin 2006-2007
ASSOCIATE IN APPLIED SCIENCE
NURSING (054)

The Nursing Program began in 1981 and is approved by the Oklahoma Board of Nursing and accredited by the National League for Nursing Accrediting Commission. The degree consists of a 72 credit-hour program and can be completed within five semesters by a full-time student.

The Nursing Program exists to provide selected students with educational opportunities in the classroom and in clinical settings in northeastern Oklahoma, and to prepare them to enter the profession of nursing upon graduation. The graduate is prepared at an entry-level of nursing practice and is eligible to take the National Council Licensure Examination to become a Registered Nurse. Admission is competitive.

REQUIRED HOURS .................................................. 72

Communications .............................................. 6
ENGL 1113 Composition I ................................. 3
ENGL 1213 Composition II ................................. 3

Social and Behavioral Sciences ............................ 9
History ................................................................. 3
Select from the following:
   HIST 2483 American History to 1877
   HIST 2493 American History since 1877

   POLS 1113 American Federal Government ........... 3

   Social Science .................................................. 3
   * PSY 1113 Introduction to Psychology

   Humanities .................................................. 3
   * PHIL 1213 Introduction to Logic

Science and Mathematics ................................. 4
   Biological Science
   * BIOL 1144 General Cellular Biology

Orientation ....................................................... 1
ORIE 1151 The College Experience

Program Requirements ...................................... 34
   NURS 1111 Nursing Concepts
   NURS 1117 Foundations of Nursing Practice
   NURS 1191 Dosage Calculation
   NURS 1228 Therapeutic Nursing Interventions I
   NURS 2138 Therapeutic Nursing Interventions II
   NURS 2223 Transition to Nursing Practice
   NURS 2246 Nursing in a Complex Environment

Support and Related ........................................... 15
   BIOL 2124 Microbiology
   BIOL 2215 Anatomy and Physiology
   NUTR 1113 Introduction to Nutrition
   PHAR 2113 Fundamentals of Pharmacology

Total Credit Hours ........................................... 72

* Required
ASSOCIATE IN APPLIED SCIENCE
NURSING
OPTION: BRIDGE NREMT–PARAMEDIC/LPN TO RN (054B)

Rogers State University provides an option to facilitate the transition from NREMT-Paramedic/LPN to RN. The program is designed to provide a solid foundation, training, and experience that meets all the recognized national and state accreditation guidelines. Students are required to pass equivalency nursing examinations for advanced standing. Graduates are eligible to take the National Council Licensure Examination to become a Registered Nurse. The Nursing Program is approved by the Oklahoma Board of Nursing and accredited by the National League for Nursing Accrediting Commission. Admission is competitive.

REQUIRED HOURS ........................................ 62

Communications ............................. 6
ENGL 1113 Composition I
ENGL 1213 Composition II

Social and Behavioral Sciences .................. 12
History ................................................ 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government .... 3

Social Science ................................. 3
* PSY 1113 Introduction to Psychology

Humanities .......................................... 3
* Philosophy ........................................ 3

* PHIL 1213 Introduction to Logic

Science and Mathematics .................. 4
* BIOL 1144 General Cellular Biology

Orientation ............................................ 1
ORIE 1151 The College Experience

Program Requirements ....................... 24
NURS 1111 Nursing Concepts
NURS 1191 Dosage Calculation
NURS 1435 Nursing Bridge
NURS 2138 Therapeutic Nursing Interventions II
NURS 2223 Transition to Nursing Practice
NURS 2246 Nursing in a Complex Environment

Support and Related ......................... 15
BIOL 2124 Microbiology
BIOL 2215 Anatomy and Physiology
NUTR 1113 Introduction to Nutrition
PHAR 2113 Fundamentals of Pharmacology

Total Credit Hours ............................. 62

* Required
ASSOCIATE IN SCIENCE
PRE-NURSING (033)

The Associate in Science in Pre-Nursing is designed to provide the student with the first two years of general education requirements in preparation for transfer to a generic baccalaureate nursing program. Alternate courses and electives should be selected after the student and faculty advisor have consulted the catalog and transfer guide of the selected transfer university.

REQUIRED HOURS ............................................. 66

Communications .............................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

Social and Behavioral Sciences ......................... 9
History .......................................................... 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ....... 3

Social Science ................................................... 3
Choose from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
* PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

Science and Mathematics .......................... 12
Physical Science ............................................. 4
Choose from the following:
* CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

Biological Science ............................................ 4
Choose from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
* BIOL 1144 General Cellular Biology

Mathematics .................................................. 3
Choose from the following:
MATH 1503 Mathematics for Critical Thinking
* MATH 1513 College Algebra or higher
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry and Calculus I

Humanities ...................................................... 6
Select two of the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

Global Studies ............................................... 3
Select one of the following:
BIOL 3104 Plants and Civilization
ECON 3033 International Economic Issues and Policies
GEOG 2243 Human Geography
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SPAN 1113 Beginning Spanish I

Electives .......................................................... 3
Select 3 hours from courses not selected above.

Program Requirements .................................. 19
BIOL 2124 Microbiology
BIOL 2285 Anatomy
BIOL 3204 Physiology
NUTR 1113 Introduction to Nutrition
PSY 3033 Developmental Psychology

Support and Related ...................................... 5
Selected Electives

Total Credit Hours ....................................... 66

* Required
Emergency Medical Services

EMS 1003 Anatomy and Physiology for Pre-hospital Providers
A beginning course for pre-hospital providers presenting human body structures and function. Prerequisite: Admission to the EMS Program.

EMS 1053 First Responder
A study of basic life support and emergency care to minimize further patient injury until the arrival of pre-hospital care providers. Prerequisite: None.

EMS 1104 Introduction to EMS and Patient Assessment
A study of the emergency medical service system and patient assessment. Content includes EMS systems/roles and responsibilities of the paramedic, well-being of the paramedic, injury/illness prevention, medical/legal issues, ethics, therapeutic assessment, clinical decision making, communications, and documentation. Laboratory included. Prerequisite: Admission to the program.

EMS 1108 Basic Emergency Medical Technology
A study of the role of the EMT, including CPR, triage, patient assessment, treatment of shock, hemorrhage, unconscious patient, fractures, traumatic injuries, medical emergencies, and light extrication. Field and hospital practicums are integral parts of the course.

EMS 1113 Pharmacology for Pre-hospital Providers
A study of pathophysiology and emergency pharmacology, including actions of drugs on body systems and nervous system effects. Laboratory included. Prerequisite: EMS 1003.

EMS 1124 Advanced Skills in Emergency Medical Services
A study of adult and pediatric medication administration, venous access techniques, and airway management and ventilation skills. Laboratory and clinical practicum included. Prerequisite: EMS 1003.

EMS 1141 Emergency Vehicle Operators Course
This course presents the safe practices and operation of an emergency vehicle within a variety of situations. Human aspects, acquired abilities, physical forces and state laws regarding safe vehicle operations are discussed. Vehicle performance on a driving course is an integral part of this course.

EMS 1203 Field Operations
A study of EMS field operations, including medical incident command, ambulance operations, rescue operations, hazardous material incidents, and crime scene awareness. Laboratory included. Prerequisite: EMS 1124.

EMS 1208 Intermediate Emergency Medical Technology
A study of patient treatment including IV fluid therapy, intubation, and advanced airway care. Advanced patient assessment and shock management also included. Field and hospital practicums are integral parts of this course. Prerequisite: EMS 1108.

EMS 1213 ECG Interpretation
A study of the conduction system of the heart. Recognition of common non-lethal and lethal cardiac dysrhythmias and ECG performance and interpretation. Laboratory included. Prerequisite: Admission to the program.

EMS 1225 Trauma Assessment and Management
A study of trauma assessment and management emphasizing trauma systems, hemorrhage and shock; soft tissue trauma; burns; trauma to the head and face, spine, thorax, abdomen, and musculoskeletal system. A Pre-Hospital Trauma Life Support (PHTLS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 1124.

EMS 2104 Medical Emergencies
A study of the assessment and management of neurology, endocrinology, allergies and anaphylaxis, gastroenterology, renal/urology, toxicology, hematology, environmental conditions, infectious and communicable diseases, behavioral and psychiatric disorders. Laboratory included. Prerequisite: EMS 1225.

EMS 2112 Special Needs in Emergency Medical Services
A study of geriatrics, abuse and assault, patients with special challenges, and acute interventions for chronic care patients. Assessment-based management of a variety of common complaints is also discussed. Laboratory included. Prerequisite: EMS 1225.

EMS 2125 Cardiac/Respiratory Emergencies
A study of assessment and management of respiratory and cardiac related emergencies. An Advanced Cardiac Life Support (ACLS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 1225.

EMS 2202 OB/GYN Emergencies
A study of assessment and management of obstetrical and gynecological emergencies common in emergency medical services. Laboratory included. Prerequisite: EMS 2125.

EMS 2224 Pediatric Emergencies
A study of assessment and management of neonatal and pediatric emergencies common in emergency medical services. A Pediatric Advanced Life Support (PALS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 2125.
EMS 2244 EMS Leadership
This capstone course for degree-seeking students integrates all didactic, psychomotor skills, and clinical instruction presented throughout the program to demonstrate entry-level paramedic ability. Classroom hours will focus on clinical decision-making and communication skills. Supervised hospital and field clinical experiences are an integral part of this course. This course includes experience with EMS field supervisors to emphasize leadership and management decision-making skills. Clinical practicum included. Prerequisite: EMS 2125.

Health, Physical Education, and Recreation

HPER 1031 Physical Education Activity
Individual and group activity for general physical improvement. Includes roller skating, weight training, conditioning, jogging, yoga, aerobics, tennis, badminton, figure control, lap swimming, beginning soccer, beginning archery, self defense, racquetball, and selected sports.

HPER 1032 Physical Education Activity
The personal approach to physical fitness designed to teach the principles of cardiovascular endurance, proper weight control, increased strength and flexibility, and ability to relax.

HPER 1581 Defensive Techniques
Fundamentals of self-defense.

Health Science

HLSC 1051 Blood Borne Pathogens and Hazard Communication
This course presents a summary of the OSHA blood borne pathogens and hazard communication standards; an introduction to chemical, physical properties and hazards; and precautionary strategies to prevent transmission of communicable diseases, particularly blood borne pathogens. Health hazards and safety procedures will be presented.

HLSC 1123 Health Concepts
A study of health concepts, individual choices and health strategies. The role of the health consumer as critical thinker and evaluator of goods and services is emphasized. Major topic areas include: Emotional health and problems, nutrition, drugs and drug abuse, reproduction and pregnancy, and diseases.

HLSC 1233 Medical Terminology
A study of physiological systems approach to provide principles of medical word building. Provides medical vocabulary including anatomy, physiology, systems, diagnostic testing, and pharmacology. This course is appropriate for health science students such as nursing, paramedic, and physical therapy assistant.

HLSC 1813 First Aid
A fundamental course presenting basic first aid theory and techniques in accordance with national standards. This course prepares the first aid responder to recognize emergencies and make appropriate decisions for first aid care. The emphasis is on CPR, victim assessment, and treatment of common emergencies.

HLSC 2183 Athletic Injuries
A study of common athletic injuries of the ankle, knee, shoulder, head, and neck. The role of the athletic trainer will be studied, including rehabilitation and liability issues. Major topic areas include physical conditioning, systematic evaluation of injuries, and taping techniques. Prerequisite: instructor’s permission.

Nursing

NURS 1111 Nursing Concepts
A study of professional nursing concepts and theory. Prerequisites: admission to the Nursing Program, BIOL 1144, BIOL 2215, NURS 1191, and ENGL 1113.

NURS 1117 Foundations of Nursing Practice
Integrated theoretical and clinical studies with focus on the acquisition of basic nursing skills for health maintenance through the life span. Prerequisites: Admission to the Nursing Program, BIOL 1144, BIOL 2215, NURS 1191, ENGL 1113, and ORIE 1151.

NURS 1191 Dosage Calculation
A study of calculation of safe medication dosages. Medication administration is not included. Class placement (or enrollment) determined by score on a specified mathematics assessment test.

NURS 1228 Therapeutic Nursing Interventions I
Integrated theoretical and clinical studies with focus on restoration of health through the life span. Prerequisites: NURS 1111 and NURS 1117.
NURS 1435 Nursing Bridge
This course is designed for licensed paramedics and licensed practical nurses who are seeking advance standing in the nursing program. The major focus is on the nursing process as it relates to maintaining and restoring functional health patterns for clients during the older and middle adult phases of the life span. Emphasis is placed on the role and competencies of the associate degree nurse and role change. Critical thinking and communications are integrated throughout the course. A clinical laboratory component provides application of theoretical concepts. Prerequisites: Permission and BIOL 1144 and 2215; NURS 1191; ENGL 1113; PHAR 2113; PSY 1113; SOC 1113, NUTR 1113, and ORIE 1151.

NURS 2138 Therapeutic Nursing Interventions II
Integrated theoretical and clinical studies with focus on promotion of health through the life span. Prerequisite: NURS 1228.

NURS 2223 Transition to Nursing Practice
A study of role transition, including integration of selected clinical areas with the core competencies of professional nursing practice. Prerequisite: NURS 2138.

NURS 2246 Nursing in a Complex Environment
Integrated theoretical and clinical studies with focus on the restoration, maintenance, and promotion of health and management of acute and chronic illness. Prerequisite: NURS 2138.

Nutrition
NUTR 1113 Introduction To Nutrition
A study of nutrients (including general functions), factors affecting utilization, food sources, dietary allowances, food economics, and special needs in the life cycle; current issues in nutrition, energy metabolism, food economics, special diets, and fad diets. The role of nutrients in the functioning of the human immune system is discussed.

Pharmacology
PHAR 2113 Fundamentals of Pharmacology
A fundamental course presenting the history of drug administration, legal controls, safety issues, and interactions, and therapeutic blood level when known. Prerequisite: BIOL 2215 or LPN or NREMT-P.
Accounting

ACCT 1113 Introduction to Accounting
Emphasis on record keeping, double entry accounting, and financial statement preparation. This is a suggested elective, preparatory course for Accounting I–Financial. Completion of Accounting 2103 precludes enrollment in this course.

ACCT 2103 Accounting I-Financial
Accrual accounting for businesses covering basic accounting theory, corporate stocks, bonds, and classified financial statements.

ACCT 2203 Accounting II-Managerial
A first course in managerial accounting with emphasis on accounting tools for managers. Topics covered include: cost accounting, break-even point, profit analysis, variable costing, budgeting, cash flow, differential analysis, responsibility accounting, financial ratios, stocks, and bonds. Prerequisite: ACCT 2103.

ACCT 3113 Intermediate Accounting I
Analyzes valuation and other theoretical problems in accounting for cash, temporary investments, receivables, inventories, long-term investments, plant and equipment, and intangible assets. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843.

ACCT 3123 Intermediate Accounting II
Analyzes stockholders’ equity, dilutive securities, investments, issues related to income determination including revenue recognition, accounting for income taxes, pensions, leases and error analysis, preparation and analysis of financial statements, including price level changes and statement of changes in financial position. Prerequisite: ACCT 3113.

ACCT 3133 Cost Accounting
Provides the students with basic cost principles, job order costing, process and joint costing, and estimated costs. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843.

ACCT 3143 Individual Income Tax Accounting
Surveys current individual income tax laws. Topics include filing requirements, includable income, adjustments, itemized deductions, and tax credits. Prerequisite: ACCT 2203.

ACCT 3243 Accounting Information Systems
The design and development of accounting systems and data uses. Prerequisite: ACCT 2203.

ACCT 4123 Internal Auditing
Provides an understanding of the concepts associated with audits that go beyond the traditional financial audit. These audits have been described by various names such as: operational audits, program audits, management audits, and performance audits. Prerequisite: ACCT 2203.

ACCT 4323 Not-For-Profit and Governmental Accounting
An activity course involving the study of accounting processes and procedures used by state and local governmental units and other selected not-for-profit entities. Prerequisite: ACCT 2203.

ACCT 4793 Accounting Internship
Supervised professional-level accounting assignment with a business firm, government agency, or not-for-profit agency. Prerequisites: ACCT 3113 and permission of instructor.

Art

ART 1103 Art Foundations I
An introduction to the practical application and theoretical aspects of creating art on two-dimensional surfaces.

ART (HUM) 1113 Art Appreciation
Illustrated lecture course surveying the role and dimension of art with a general examination of art theory, art media, and art history.

ART 1203 Art Foundations II
An introduction to the practical application and theoretical aspects of creating art with three-dimensional media.

ART 1213 Digital Foundations
An introduction to the Macintosh operating system, peripherals, and storage of graphic-based work. Discussion of raster vs. vector graphics and their strengths and weaknesses. A broad overview of some of the software and the parameters it defines for the artist. An introduction to the issues surrounding cross platform graphics. Production of original artworks.

ART 1223 Communication Graphics I
This class provides a strong foundation in computer graphics through the use of Adobe Photoshop and traditional design concepts with related assignments. A thorough knowledge of materials and techniques of the computer artist is stressed. Prerequisites: ART 1103 and 1203.

ART 1413 Drawing I
Introduction to various types and uses of drawings. Black and white media, space and volume relations, development of visual units of design and their integration in the whole organization. Required for Art majors. Prerequisites: ART 1103 and ART 1203.

ART 1423 Drawing II
Continuation of ART 1413 with emphasis on perspective, composition, and multimedia. Prerequisite: ART 1413 or instructor’s permission.
ART 1833 Introduction to Black and White Photography
Students will study camera operation, basic theory, materials and process, film exposure and developing techniques, contact printing and enlarging, filters and printing techniques, and print finishing. This course equips students with technical, intellectual, conceptual, and creative skills of making a photograph. Prerequisites: ART 1103 and 1203.

ART 1913 Printmaking I
A broad perspective and general understanding of the various printmaking processes including theory and some practical work in the following media: silkscreen, woodcuts, linoleum block, intaglio (etching), and an explanation of lithography. Prerequisites: ART 1103 and 1203.

ART 1923 Printmaking II
More in-depth production and study of the print disciplines covered in the first course with concentration on silkscreen and intaglio media. Prerequisite: ART 1913.

ART 2033 Advanced Black and White Photography
This course covers archival processing and print finishing techniques. Students will develop their own personal projects based on consultation with the instructor with the final result being a production of limited edition portfolios. Prerequisite: ART 1853.

ART 2113 Life Drawing I
Constructive figure drawing from the live model. Focus on creative attitudes, with maintenance of balance between perceptual and conceptual drawing activities. Required for Art majors. Prerequisites: ART 1103, ART 1203, and ART 1413, or instructor’s permission.

ART 2213 Watercolor I
Techniques and purposes of painting with watercolor. Prerequisites: ART 1103, ART 1203, and ART 1413, or instructor’s permission.

ART 2223 Watercolor II
A continuation of ART 2213 with emphasis on more advanced techniques and application. Elective for Art majors. Prerequisite: ART 2213 or instructor’s permission.

ART 2413 Three-Dimensional Art I
Experience in three-dimensional problems starting with an introduction to clay and its techniques including methods of firing, oxidation, reduction, and raku. Other sculptural processes discussed include mold making, metal casting, and carving. Prerequisites: ART 1103 and ART 1203.

ART 2423 Communication Graphics II
An in-depth study of visual communication through the use of a vector graphics software program (Adobe Illustrator) in conjunction with a raster graphics software program (Adobe Photoshop). Assignments are designed to extend a student’s sense of visual awareness, visual literacy, creative thought, and strengthening the student’s portfolio. Prerequisite: ART 1223.

ART 2443 Three-Dimensional Art II
Further experience in three-dimensional problems, building upon the basics learned in 3-D Arts I. This course emphasizes the student’s personal approach via media and technique. Prerequisite: ART 2413.

ART 2453 Wheel-Throwing I
The nature of clay through the use of the potter’s wheel. Methods of firing include oxidation, reduction, and raku. Also discussed are glazing techniques. Prerequisites: ART 1103 and ART 1203.

ART 2463 Wheel-Throwing II
Further experience in the use of the potter’s wheel with emphasis on the student’s personal approach as well as production skills. Prerequisite: ART 2453.

ART 2553 Digital 3D Foundations
This course introduces the use of 3D programs such as Maya to create original art, illustrations, images for animation, and interactive CDs. Attention will be given to terminology. Prerequisites: ART 1103 and ART 1213. Recommended: ART 1413, ART 1423, ART 1223, or ART 2113.

ART 2733 History of Non-Western Art
A survey of art from past and present non-Western societies and art from aboriginal or immigrant non-Western populations living in Westernized society.

ART 2793 Art Marketing
Through investigation of product definition, demographics, market analysis, style identity, and portfolio preparation and presentation, this course is designed to help the student understand and access goals selling fine arts or finding an art related career. Field trips are taken and real market contacts are made. Prerequisites: ART 1103 and ART 1203.

ART 2813 Painting I
The study and application of painting. Comparison of history of painting and technique to student work. Visual and special relationships relative to painting. Use of either oil or acrylic paints. Required for Art majors. Prerequisites: Art 1103, Art 1203, and 1413, or instructor’s permission.

ART 2883 Introduction to Color Digital Photography
The concepts and techniques in electronic imaging will be explored through the use of color digital equipment and Adobe Photoshop. Fine Arts as well as editorial photographic standards will be addressed as the basis for critical analysis including visual awareness, visual literacy, and creative thought of the finished photograph. Prerequisites: ART 1833 and ART 1223.

ART 2910 Individual Studio/Internship
One to four credit hours. Prerequisites: sophomore standing and consent of the instructor, completion of all courses in any of the following areas: Drawing, Ceramics, Life Drawing, Painting, Sculpture, Watercolor, Serigraphy (silkscreen printing), Print-making, Interior Design, or Art History.
ART 3003 Western Art History to 1400
An in-depth study of the major art movements and works in Western art history to 1400.

ART 3013 Western Art History 1400-1850
The study of the movements, groups, and individuals in Western art history. The focus of the class will be directed toward the Renaissance through the precursors of Impressionism.

ART 3113 Life Drawing II
Student will learn the technical necessity and aesthetic benefits of working from a live model. Emphasis will be on advanced concepts in drawing. Stress on historical and contemporary influences in figure drawing. Prerequisite: ART 1103, 1203, 1413, and 2113 or instructor’s permission.

ART 3123 Communication Graphics III
Emphasis is placed on preparing the student to successfully enter the graphic design field with an advanced understanding of design theory and a mastery of the industry’s standard software programs. Graphic design assignments are designed to create a professional quality portfolio. Creative thinking, visual literacy and graphics theory are stressed in both print and interactive multimedia projects. Prerequisite: ART 2423.

ART 3213 Western Art History 1850-Present
The study of the most influential art and artists of Europe and the Americans during the middle and late modern periods. Aesthetic and historical influences as well as their effects on current art directions will be addressed.

ART 3313 Art Theory I
Critical theory by artists as it applies to art works and culture.

ART 3553 Digital 3D Studio
This is an advanced course that explores the tools and techniques used to create/animate rigid, inorganic/organic objects. Concepts for animating objects are discussed. Projects will include construction of buildings and texturing structures. Projects will also include the modeling of living beings. Prerequisite: ART 2553 Digital 3D Foundations.

ART 3910 Directed Studies
This course will address particular research and applications of theory and/or production in a visual art discipline. Course content to be determined each semester. Subjects will be selected from but not limited to studies in studio, graphic arts, or art history. Open to students in a graduating semester. (1-3 credit hours.)

ART 4313 Art Theory II
Critical theory by philosophers from antiquity to the present as it applies to art works and culture. Prerequisite: ART 3313.

ART 4433 Sequential Art
Student will utilize hand skills to sketch and draw storyboards. These hand rendered storyboards will be incorporated into computer generated three-dimensional objects in an artificial three-dimensional space leading to storyboard design, animation scripts, and the production of animation sequences to video. Prerequisite: ART 2553.

ART 4533 Art Studies-At-Large
This course is designed to foster study external to the region. Students will study at internationally recognized art centers. May be repeated once for credit. Art faculty approval required.

Biological Science

BIOL 0123 Science Proficiency
The primary objective is to provide knowledge of the basic concepts and principles of physical and life sciences. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0114 or equivalent.

BIOL 1114 General Biology
General Biology provides an introduction to various topics in biological science including basic chemistry, cellular biology, studies of animals, plants, protozoans, and fungi, human biology, genetics and heredity, and environmental/population studies. This course meets the four credit hour life sciences requirement for graduation from Rogers State University and is open to any student. Lecture three hours, lab two hours per week.

BIOL 1134 General Environmental Biology
A general survey of environmental science. Includes an introduction to basic ecological principles with an emphasis on major modes of environmental pollution. Lab a minimum of two hours per week.

BIOL 1144 General Cellular Biology
An introduction to inorganic and organic chemistry, with an extensive survey of cell structure, cellular metabolism, enzymes, mitosis, and meiosis, Mendelian genetics, and molecular genetics. Lab two hours per week.

BIOL 2104 General Botany
Basic processes and structures in plants; their relation to factors in the environment; reproduction heredity; heritable and non-heritable variations in plants and their causes and consequences are studied. Previous course in chemistry recommended. Laboratory required. Prerequisite: BIOL 1144.

BIOL 2124 Microbiology
General microbiology with emphasis on fundamentals of morphology, physiology, and growth-related activities of pathogenic and nonpathogenic disease producing organisms. Principles involved in susceptibility and resistance to infections and the uses of immune sera and vaccines. Lab two hours per week. Prerequisite: BIOL 1144.
BIOL 2205 General Zoology
A survey of the animal kingdom, with special emphasis on phylogenetic relationships, structural adaptation, and ecological significance of the major phyla. A minimum of two hours of lab per week. Prerequisite: BIOL 1144.

BIOL 2215 Anatomy and Physiology
An introduction to the principles of the structure and function of the human body. A beginning course designed to emphasize the integration of all body systems. Lecture three hours, lab three hours. Prerequisite: BIOL 1144 or permission of instructor.

BIOL 2285 Anatomy
A study of the structure of the human body with emphasis on dissection and analysis of organ systems. Requires three hours of lecture each week and three hours of lab per week. Prerequisite: BIOL 1144 or BIOL 2205 or permission of instructor.

BIOL 3004 Field Botany
An introduction to Oklahoma flora based upon classification, distribution, and natural history of representatives of the plant phyla of this region. Laboratory and extensive fieldwork required. Prerequisite: BIOL 2104.

BIOL 3014 Ecology of Mammals
A study of morphology, systematics, and distribution of mammals in Oklahoma, North American, and globally: biogeography, evolution, and physiological, morphological, and behavioral adaptations. Prerequisite: BIOL 2205.

BIOL 3024 Genetics
An introduction to basic concepts of Mendelian genetics and an inquiry into the basic processes of evolution. Laboratory required. Prerequisites: BIOL 1144 and CHEM 1315. MATH 2843 is recommended.

BIOL 3034 General Ecology
A study of the structure and function of ecosystems including a survey of the aquatic and terrestrial habitats. Includes laboratory and field trips. Prerequisites: BIOL 2205 and BIOL 2104.

BIOL 3104 Plants and Civilization
The study of the interaction between plants and human cultures in both historical and contemporary societies. This course examines the use of plants as medicine, foods, and materials within social and scientific settings. Prerequisite: BIOL 1114, BIOL 1134, or BIOL 1144.

BIOL 3204 Physiology
A study of the functions and biochemical processes of the cells, tissues, and organ systems, with special emphasis on humans. Laboratory required. Prerequisites: BIOL 1144 and 2285, or BIOL 2205 and CHEM 1315.

BIOL 3275 Comparative Vertebrate Anatomy
A comparative study of the morphology and evolution of the vertebrates as well as function and evolution of various representative organ systems. Lab three hours per week. Prerequisite: BIOL 2205.

BIOL 3504 Molecular Biology
Course will include structure and function of cells and sub cellular components, syntheses and regulation of DNA, RNA and protein, cell cycles, chromosome structure, and cell differentiation. Lab will include studies of cellular and chromosomal structure and basic molecular biology techniques. Laboratory required. Prerequisites: BIOL 1144, CHEM 1315, and CHEM 1415.

BIOL 3513 Environmental Conservation
Studies the requirements and regulations of wildlife/natural resources on a regional and global scale. Emphasis will be given to ecosystem management, landscape ecology, and threats to environmental and global biodiversity. Prerequisite: BIOL 3034.

BIOL 3525 Biology of Microorganisms
Structure/function, physiology, genetics, evolution, and diversity of prokaryotic microorganisms and their impact on humans and the environment. Laboratory four hours per week. Prerequisites: BIOL 1144, CHEM 1415. Recommended: CHEM 3125.

BIOL 4014 Ornithology
A study of classification, distribution, identification, life histories and evolution of birds. Specimen preparation and field techniques emphasize Oklahoma species. Prerequisite: BIOL 2205.

BIOL 4153 Molecular Genetics
Study of transcription, translation, and replication, gene organization, regulation, and expression at the molecular level for prokaryotes and eukaryotes. Prerequisites: BIOL 1144 and CHEM 1415. CHEM 3125 is recommended.

BIOL 4303 Plant and Animal Toxicology
An introduction to the effects caused by exposure of living organisms to chemical substances. Reading, research, and discussions on environmental effects and consequences of organic and inorganic toxins are required. Prerequisites: BIOL 2205, BIOL 2104, and CHEM 3125.

BIOL 4414 Immunology
The study of fundamental principles of immunity and hypersensitivity as well as the functional expression of the immune system. Laboratory required. Prerequisite: BIOL 3024.

BIOL 4524 Field Zoology
An introduction to local animal life based upon classification, distribution, and natural history of representatives of the animal phyla of this region. Laboratory and extensive field work required. Prerequisite: BIOL 2205.
**BIOL 4554 Aquatic Biology**
Aquatic Biology is an introduction to the study of freshwater systems. Local freshwater ecosystems will be described and characterized in terms of physiographic and biological features emphasizing their inherent ecological relationships. Extensive fieldwork will introduce students to surveying techniques and analytical evaluation of freshwater systems. Prerequisites: BIOL 2205, BIOL 2104, CHEM 1315. CHEM 1415 recommended.

**BIOL 4602 Biology Research Methods I**
Introduction to research methods and design in the biological sciences. Students will synthesize a proposal of an original research project presented in oral and written format for the benefit of a non-specialist audience. Prerequisite: eight upper-division hours in biology.

**BIOL 4801 Biology Research Methods II**
Investigation of research problem proposed in Biology Research Methods I (BIOL 4602). Students will complete research methods, conduct proposed research, analyze results, and present data in oral and written format for the benefit of a non-specialist audience. Prerequisite: BIOL 4602, or permission required.

**Business Administration**

**BADM 1203 Introduction to Business**
Introductory course for business majors. Survey of basic principles, forms, and practices involved in administration of business.

**BADM 2013 Personal Finance**
Nontechnical personal finances. Practical applications in budgeting, banking, borrowing, insurance, investment, taxes, home ownership, and family financial planning. May be taken for elective credit only.

**BADM 2523 Business Communications**
Communication process in the business environment. Topics include business letters and memos, reports (both written and oral), listening skills, and employment messages. Prerequisite: ENGL 1113.

**BADM (MATH) 2843 Business Statistics**
An introduction to basic statistical terminology, organization of data, measures of central tendency and dispersion, and application of statistical techniques. Includes elementary probability, sampling, estimation, hypothesis testing, and a variety of other statistical techniques. Prerequisite: MATH 1513 or higher or instructor’s permission.

**BADM 3323 Legal Environment of Business**
This course covers the principles of business law for normal business transactions, with emphasis on the judicial system, general contracts, bailments, and sales contracts.

**BADM 3333 Business Ethics**
Explores finance, accounting, business, and legal decision making from an ethical perspective by both organizations and individuals. Prerequisite: MGMT 3013.

**BADM 3913 Communication Skills for Managers and Professionals**
A course designed to develop oral and written skills for managers and professionals. Common problems and solutions will be stressed with an emphasis on practical applications to meet individual needs.

**BADM 4333 International Business**
Investigates cultural influences, government and business structures in a global economy through studying trade relations, marketing and promotion, production systems, labor contracts and international finance and accounting. Prerequisite: MGMT 3013.

**BADM 4793 Business Internship**
Supervised professional-level business assignment with a business firm, government agency, or not-for-profit agency. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843, Junior/Senior standing, and permission of instructor.

**Chemical Abuse**

**CA 1213 Intervention Strategies**
Examination of intervention strategies appropriate to working with chemically dependent clients and their families. The focus will be on case management in therapeutic settings, client referral strategies, and the rationale for consultations with other helping professionals. Prerequisite: permission of instructor.

**CA 2223 Chemical Abuse in Special Populations**
The course examines the relationship between certain subcultures and specific types of chemical abuse. Prerequisite: SOC 2133.

**CA 2243 Practicum I in Alcohol and Drug Abuse Counseling**
A field experience that allows the application of knowledge and skills learned in course work. Students also will prepare and deliver case presentations. (200 Clock hours.) Prerequisite: permission of the program coordinator.

**CA 2253 Practicum II in Alcohol and Drug Abuse Counseling**
A field experience that allows the application of knowledge and skills learned in course work in an agency providing services to chemically dependent clients and their families. Prerequisites: CA 2243 and permission of the instructor. (Satisfies requirement for SBS 4033.)
CA 2323 Professional Seminar in Substance Abuse Counseling
A reading seminar examining theoretical and ethical issues in substance abuse counseling. Ethical standards in the helping professions and national accreditation program standards, Commission for Accreditation of Rehabilitation Facilities for chemical dependency treatment facilities and agencies will receive particular emphasis. Pre or corequisite: CA 2253.

CA 3023 Counseling Practices
An overview of major counseling theories employed when providing treatment services to substance abusing clients and their families, as well as standards for treatment planning, client education, and report and record-keeping in therapeutic setting. Emphasis is given to identifying the client characteristics and selecting appropriate strategies in substance abuse/dependence counseling. Prerequisite: Permission of instructor.

Chemistry
CHEM 1315 General Chemistry I
Introductory course in inorganic chemistry dealing with fundamental concepts of measurements, atomic theory, electron configuration, periodicity, bonding, molecular structure, stoichiometry, gas laws, and changes in state and thermochemistry. Lab Required. Pre or corequisite: MATH 1513.

CHEM 1415 General Chemistry II
This course is algebra based and is a continuation of CHEM 1315 with emphasis on kinetics, equilibrium, thermodynamics, electrochemistry, qualitative analysis, organic chemistry, biochemistry, and nuclear chemistry. Lab four hours per week. Prerequisite: CHEM 1315.

CHEM 3125 Organic Chemistry I
A two-semester study of fundamental concepts of organic chemistry including acid base theory, nomenclature, structures, reactions, and reaction mechanisms of the principle functional groups. Laboratory required. Prerequisite: CHEM 1415.

CHEM 3225 Organic Chemistry II
Continuation of CHEM 3125 covering the fundamental concepts of organic structure and reactions of the principle functional groups as well as reaction mechanisms. Laboratory required. Prerequisite: CHEM 3125.

CHEM 3404 Biochemistry
Study of compounds and reaction mechanisms occurring in living organisms. Laboratory required. Prerequisite: CHEM 3225.

CHEM 3515 Environmental Chemistry
A course designed to provide chemical and analytical applications within industrial and environmental settings. Advanced laboratory skills with emphasis on EPA methods will be stressed. Labs will include proper sampling techniques, sample handling and storage, and analysis of student-obtained field samples. Prerequisite: CHEM 1415.

Communication
COMM 1003 Introduction to Mass Communication
An introductory survey of the role of mass media in modern society with particular emphasis on critical evaluation of the press, radio, and television. A study of the scope, history, growth, development, practices, ethics, and legal concerns of mass communication. Special attention is given to radio and television, FCC, federal regulatory agencies, and station/network operations.

COMM 1123 Interpersonal Communications
Study of the theories and practices necessary to develop interpersonal communication skills in both personal and professional relationships, with emphasis on improving verbal and nonverbal techniques for developing and maintaining clear communication between two people.

COMM 1713 Voice and Articulation
Basic investigation of the structure and function of the vocal apparatus. Analysis of sounds (phonemes) of the English language through the study of the International Phonetic Alphabet. Emphasis on improving vocal sound, articulation, and pronunciation through various techniques and exercises.

COMM 2003 Video Production
An overview of cameras, recording, editing, audio for television, lighting, electronic graphics, and studio production control will be provided. Skills will be developed in all areas of television production and related concepts. Prerequisite: COMM 1003.

COMM 2013 Audio Production
Practical applications are required in the study of audio production within the University’s radio station. Student will develop audio production skills both in pre-production and live announcing studios. Prerequisite: COMM 1003.

COMM 2243 Public Speaking
Analysis and practice in the composition and delivery of speeches with various purposes in diverse settings, including examination of rhetorical criteria for evaluation of content and presentation. Study of celebrated speeches and speakers. Prerequisite: SPCH 1113.
COMM (HUM) 2413 Theatre Appreciation
A survey and analysis of theatre history, literature, and practices relating to the theatre as a social force. This course explores the fundamentals of understanding and enjoying theatrical performances through an examination of dramatic forms, theatre development, and theatrical artistic elements.

COMM 2523 Acting
Designed to acquaint the beginning actor with the fundamentals of acting. This course explores the physical, vocal, emotional, and technical aspects of the actor’s craft. The student will learn a basic approach to scene and character study through exercises, scene work, and theatre games.

COMM 2703 Radio/Television Announcing
The interpretation of radio and television copy, including news, feature scripts, sports, and commercials. Special emphasis on helping students develop their voice and presentation. Prerequisite: COMM 2013.

COMM 2723 Small Group Discussion
Study of effective communication techniques and procedures in problem-solving groups, with special emphasis on group roles, norms, and skills. Analysis of various leadership styles and techniques in group communication settings. Prerequisite: SPCH 1113.

COMM 2801 Audio Practicum
Field experiences providing learning through participation in tasks in an audio/radio facility. Prerequisites: Permission from instructor.

COMM 2811 Video Practicum
Field experiences providing learning through participation in tasks in a video/television facility. Prerequisites: COMM 2801 and permission of instructor.

COMM 2821 Mass Media Practicum
Field experiences providing learning through participation in tasks in either video or audio facilities. Placements are arranged to perform tasks that are at a higher level of skill and responsibility than those performed in COMM 2801 or COMM 2811. Prerequisites: COMM 2811 and permission of instructor.

COMM 3023 Writing for the Media
Thorough study of short-form and long-form media writing, story development, and coverage of all forms of media writing and journalism. Prerequisite: COMM 1003.

COMM 3033 Corporate Media Production
This course will develop media materials from corporate videos, public relations campaigns, annual reports, and marketing materials. Students will critique materials and engage in proposal preparation, preproduction activities, and produce selected products as appropriate. Prerequisite: COMM 1003.

COMM 3113 Public Relations Strategies
A learning and portfolio intensive class that contains an in-depth examination of the function and practice of public relations campaigns. Emphasis is on public opinion and mass media, and their direct application to public relations campaigns. The student will document the development of a large-scale public relations campaign. Prerequisite: COMM 1003.

COMM 3173 News Reporting
An examination of styles and techniques of television and radio news reporting and research with a major focus on writing skills. Emphasis is placed on research, development, composition, and presentation of radio/television news stories. Prerequisite: COMM 1003 and COMM 3023.

COMM 3233 Media Sales and Advertising
This course covers the techniques of selling a variety of media with special focus on radio and television advertising, including discussions of media coverage and circulation, use of spot advertising, media mix, and varied techniques for assessing and promoting effectiveness. Prerequisite: COMM 1003.

COMM 3253 Argumentation and Persuasion
Study of the rhetorical and psychological theories used in discourse to effect change in attitude, belief, and policy; and to construct valid and compelling arguments, with applications in policy making, legal decision making, and personal inquiry. Fundamentals of argumentation, historical and current, are explored. Prerequisite: SPCH 1113.

COMM 3413 Media Law
Includes media-related U.S. Supreme Court decisions, historical decisions, changes in communication laws, and FCC regulatory revisions. Prerequisite: COMM 1003.

COMM 3613 Mass Media Communication
Analysis of the theories and effects of the mass communication process. Includes examination of examples and effects of the media as related to our political system, children’s programming, judicial system, talk shows, advertising, and new technologies.

COMM 3753 Advanced Broadcast Practicum
Advanced field experience providing learning through participation in a broadcast facility with an emphasis in both the practical and ethical responsibilities in producing a televised message. May be repeated once. Prerequisite: COMM 2003.

COMM 3833 Communications Theory
Survey of communications theory in interpersonal, mass media, and organizational contexts.
COMM 3853 Sports Broadcasting
Examines and applies journalistic and performance techniques to reporting sports in broadcasting outlets. Areas of coverage will include play-by-play, color commentary, production, and other elements to create a successful broadcast. (May be repeated for up to 6 hours) Prerequisite: COMM 2013.

COMM 4153 Nonverbal Communication
Study of the research on nonverbal behavior, with emphasis on variations and effects in various roles, cultures, social groups, and settings. Prerequisites: SPCH 1113 and COMM 1123.

COMM 4163 Global Communication
Analysis of major global communication theories and research of the emerging communication systems and practices in different nations. Special emphasis on cultural, economic, political, legal, and technological impacts of information communication media. This course will also involve training for foreign assignments. Prerequisite: COMM 1003.

COMM 4203 Media Management
Legal, social, management, and programming aspects of print media, radio-television-cable management. Prerequisites: 18 credit hours of COMM courses and senior standing.

COMM 4223 Communication in Organizations
Study of communication in complex human organizations. Course relates communication to values, leadership, and uses of power in such organizational contexts as media business and professional, social, educational, and political groups. Prerequisite: COMM 1003.

COMM 4253 Broadcast Internship
Field experience at a professional broadcast site with an emphasis in both the practical and ethical responsibilities in producing a mass media message. Students are required to document internship activities. Prerequisites: Junior standing and permission of instructor.

COMM 4283 Corporate Communication Internship
In-depth practical experience at a corporate communication division within a corporation, public relations firm, or advertising agency. Designed for junior or senior students. Students are required to document internship activities. Prerequisites: Junior standing and/or permission of instructor.

COMM 4323 Women and Minorities in Media
Survey of past and present relationships between women and racial and ethnic minorities in the U.S. and the media. Media portrayal, employment, ownership and access will be studied.

COMM 4513 Script Writing
Students will learn basic craft of script writing and creating an environment that encourages the writer’s exploration of their individual voice. Prerequisite: ENGL 2023.

COMM 4913 Senior Capstone
Specialized projects emphasizing the student’s cumulative academic experience. Will include portfolio preparation, exams, and oral reports. Senior status required in Communications.

Computer-Aided Design Technology

CAD 2114 Computer Graphics I
A study of real time graphics computer system as related to processor and graphics related peripherals. Included is the study and application of graphics language.

Computer Science

CS 1113 Microcomputer Applications
This course is designed for those who intend to be computer users rather than programmers. Successful completion of this course will satisfy the computer literacy requirement. Students will learn how to use the Internet, email, the Windows Operating System, a word processor, a spreadsheet, database management, and a presentation package.

CS 1123 Word Processing I
The class is designed for the beginning word processing student and will cover creating, revising, printing, formatting, moving, multiple page documents, repetitive documents, spell check, plus using the thesaurus and creating reports. Touchtyping is required.

CS 1133 Excel
This course is a full semester course covering the world’s number one personal computer spreadsheet. Topics in the course include Excel menus, formatting, filling, and manipulating Excel spreadsheet cells, Excel formulas, and Excel Macros. Prerequisite: CS 1113.

CS 1163 Access
This is a full semester course covering the world’s number one personal computer database management system. Topics in the course include data formatting and entry in Access table fields, manipulation of data within and across tables, and Access interfaces to external systems.

CS 1213 Introduction to Computing
Introduction to programming logic, analysis of problems, lan-
guage-independent program design and algorithms. Corequisite: IT 1411 or equivalent.

CS 2163 Web Site Design and Development
This course will cover how to create Web pages using popular site development software and current Web site development language(s). Topics include building, formatting, and enhancing pages; adding graphics, advanced graphics and multimedia; creating and updating forms; creating tables and frames; and managing the structure and design of Web pages.
CS 2213 Visual Basic
Introduction to the computer language Visual Basic. Students write, compile, debug, execute, and test Visual Basic programs. Prerequisite: CS 1213 Introduction to Computing or instructor’s permission.

CS 2223 Programming I
Structured programming, operators, variables, loops, decisions, functions, pointers, input/output, data types, structures, and file operations will be treated using a popular programming language. Beginning object-oriented programming topics may also be covered. Prerequisite: CS 1213 Introduction to Computing or instructor’s permission.

CS 2293 Java Programming
This course will cover Java, a new standardized and highly portable object-oriented computer language including features supporting use in computer applications systems development generally and client-server distributed system development specifically. Additionally, Java features support for Web site development; parallel processing (threads); automatic memory allocation, de-allocation, and specific exclusion of pointers. Prerequisite: C programming knowledge.

CS 2323 Programming II
Advanced skills in solving problems such as algorithms sorting, list processing, recursion, and code management. Prerequisite: CS 2223 Programming I or equivalent.

CS 2970 Special Topics in Computer Science
A study of applied problems in computer science. Designed to allow students the opportunity to study special topics. (1-4 credit hours.)

CS 3213 Multimedia Development
The following topics may be included: image manipulation, animation, audio and video creation, and streaming media technologies. Prerequisite: CS 1113.

CS 3223 Data Modeling
This course provides a strong background in relational databases and introduces fundamental database and application development concepts and techniques. Prerequisite: CS 2323.

CS 3333 Object-Oriented Technology
An object-oriented (OO) computer language will be covered in the implementation of applications involving complex data structures. Topics include classes, objects, encapsulation, inheritance, polymorphism, and virtual functions. Prerequisite: CS 2323.

CS 3363 Data Structures
The analysis and implementation of standard data structures such as trees, queues, linked lists, graphs. Prerequisites: CS 3333 and MATH 3433/CS 3433.

CS 3413 Systems Analysis
Covers the concepts, skills, methodologies, techniques, tools, and perspectives essential for systems analysis to successfully develop information systems. Prerequisite: CS 2323 or equivalent programming experience.

CS 3423 Software Engineering
Software systems projects are completed by students using CASE (computer aided software engineering) tools, based on a standardized computer software modeling language and automatically generated computer code in a computer language of choice. Prerequisite: CS 3413.

CS (MATH) 3433 Discrete Mathematics
Logic, set theory, order, algorithms, mathematical proof including induction, recursive functions and recursive algorithms, combinatorics. Prerequisites: MATH 2264 and CS 2223.

CS 3523 Distributed Systems Development
Study of distributed application development and database management in a client-server environment. Prerequisites: CS 2323 and IT 3153.

CS 3573 Operating Systems
This course covers computer operating systems theory, including consideration of what an operating system is, how it is designed and constructed, and how it operates internally. Aspects of operating systems covered include process management, memory management, I/O systems, distributed systems, and protection and security. Prerequisite: IT 3723.

CS 3623 Human-Computer Development
An exploration of GUI (Graphical User Interface) development and human-computer interaction using a popular RAD [Rapid Application Development (software development)] tool. Prerequisite: CS 2323 or equivalent programming experience.

CS 3733 Computer Graphics Programming
Programming of two- and three-dimensional transformations, curves, hidden surface removal, illumination, and color models. Prerequisites: Math 3523 and CS 3333.

CS 3753 Introduction to Modeling and Simulation
Fundamentals and principles of simulation modeling. Systems dynamics modeling, stochastic modeling, discrete event simulation, Monte Carlo method. Applications of modeling and simulation in interdisciplinary fields. Prerequisite: MATH 3523.

CS 3813 Game Programming I
An introduction to game programming focusing on the use of game engines and hardware interactions for input and output. Prerequisites: CS 3733, PHYS 3113, and CS 3363.
CS 3823 Game Programming II
Intermediate game development. Topics are networked games, sound manipulation, advanced 3D programming. Prerequisite: CS 3813.

CS 4403 Games Development Seminar
Advanced topics in game design, software project management, and the game industry. Prerequisite: CS 3823.

CS 4504 Capstone
The implementation and testing of a large scale game in a team environment. Prerequisite: CS 4403.

CS 4523 Advanced Web Systems Development
This course explores electronic commerce and applications of Internet technology. Topics include electronic data interchange, the Internet and the World Wide Web, and intranets—all with a primary emphasis on business and commercial applications. Study of Web site programming including such languages as XML, Java script, VB script, and CGI, and using such tools as Microsoft’s Interdev. Prerequisites: CS 2163 and CS 3333.

Cooperative Work Experience

COED 1120 Introduction to Work Experience
Student position matching will be arranged so the experience is a progressive and planned part of the total educational program of the student. This includes interviewing techniques, setting career goals and objectives, preparing a resume, and tips on obtaining and keeping a job. Supervision and evaluation is by the employer and a faculty member from the student’s major, or a closely related field. One to four credit hours each semester, not to exceed eight hours total.

COED 1123 Intern
On the job training as an intern.

COED 2110 Advanced Work Experience
Integrates the learning that takes place in the classroom with the work experience. Students may use the cooperative education experience as a part of a career development process. This class is designed to assist the student, the employer, and the coordinator in evaluating the cooperative work experience. (1-4 credit hours each semester, not to exceed eight hours total.)

Criminal Justice

CJ 1113 Introduction to Criminal Justice
A survey of the criminal justice system; police, courts, and corrections; and the components of the system and roles of participants. An examination of the history of criminal justice to include recent issues and developments.

CJ 1213 Introduction to Corrections
A survey of corrections including a review of the history and development of the system; roles and functions of participants; and prevention, treatment, and supervision programs for offenders.

CJ 1223 Probation and Parole
An analysis of the development, organization, operation, and result of systems of probation and parole as substitutes for incarceration, method of selection, and prediction scales.

CJ 1361 Police Pistol I
Introduction to the basic fundamentals of police pistol marksmanship. Emphasis on safe firing range procedures and the safe handling and use of pistols and ammunition.

CJ 1562 Survival Shooting Techniques
This course is designed for, and limited to, the entry-level and experienced law enforcement officers, college criminal justice students, licensed (armed) private security officers, and correctional officers. The course will deal with the six essential components for survival: appropriate cover, threat level assessment, target identification, decision making, dealing with multiple opponents, and teamwork. Prerequisite: CJ 1361.

CJ 1581 Defensive Techniques
Fundamentals of self-defense; custody and control in a police, security, or correctional setting; student practice and demonstration; legal and ethical uses of non-lethal force; physical training.

CJ 2013 Criminal Law I
The study of criminal law and its implementation in enforcement, common law, statutory crimes and punishments, classification of crime and attempted crimes, and defenses to criminal accusations.

CJ 2023 Criminal Law II
A study of Oklahoma substantive criminal law and procedure with an emphasis on its application in law enforcement operations.

CJ 2113 Criminal Evidence I
The study of the rules of evidence. An analysis of the statutory laws and appellate court decisions affecting the admissibility of evidence. Special emphasis given to the hearsay rule and its exceptions, best evidence rule, evidentiary privileges, and opinion evidence.

CJ 2123 Criminalistics
The role of physical evidence in criminal investigations and trials. The search, recognition, collection, transportation, analysis, and presentation of physical evidence. Prerequisite: CJ 2113.
CJ 2140 Law Enforcement Internship
On-the-job learning experience in a law enforcement or security organization. Must have completed a minimum of 12 college credit hours in criminal justice. Internship limited to one semester. Self-instruction sheet will outline procedures. (1-4 credit hours.) Prerequisite: Permission of the program coordinator.

CJ 2150 Criminal Justice Seminar
The study of law enforcement procedures, problems, and topics. May be repeated for a total of 12 credit hours. (1-4 credit hours.)

CJ 2343 Community Relations
An examination of the relationship between law enforcement and the community, including programs in community policing, human relations, and crime prevention. The course will examine ethics, conflict resolution, cultural diversity, and professionalism.

CJ 2523 Interrogation Seminar
Basic fundamentals and proper techniques of interviewing and interrogating witnesses and suspects in law enforcement situations.

CJ 2533 Patrol Techniques Seminar
The role, responsibilities, and duties of a local police patrol officer; an examination of the police patrol function; and crime prevention and suppression methods.

CJ 2543 Investigative Techniques Seminar
Fundamentals of criminal investigation. Methods of gathering facts and information in criminal cases, police-prosecutor relationships, and courtroom presentation of evidence.

CJ 2553 Traffic Administration and Investigation
A study of traffic enforcement, education, and engineering; traffic accident investigation, analysis, and reconstruction; and traffic enforcement methods and techniques.

CJ 2712 CLEET Firearms
The Council on Law Enforcement Education and Training basic police firearms training course. Restricted to Collegiate Officer Program students.

CJ 2721 CLEET Custody and Control
The Council on Law Enforcement Education and Training basic police custody and control training course. Restricted to Collegiate Officer Program students.

CJ 2731 CLEET Law Enforcement Vehicle Operation
The Council on Law Enforcement Education and Training for basic police law enforcement vehicle operation training course. Restricted to Collegiate Officer Program students.

CJ 2742 CLEET COP Review
A review of the Council on Law Enforcement Education and Training basic police academy learning objectives. Restricted to Collegiate Officer Program students.

CJ 3013 Criminal Procedures
This course focuses on Supreme Court and Federal Appellate Court decisions related to criminal procedures most commonly confronting law enforcement officers in the administration of criminal law; with special emphasis on freedom of speech, arrest, search and seizure, right to counsel, out of court identification, and wire communication interceptions.

CJ 3024 Communications for Justice Professionals
Development of advanced communication skills, both written and oral, with emphasis on writing formats used by justice professionals. Formats will include investigative reports, affidavits for search & arrest warrants, and the development of strategic plans. Prerequisites: ENGL 1213 and (ENGL 2333 or SPCH 1113).

Economics

ECON 2113 Principles of Macroeconomics
A study of economy-wide resource allocation choices and macroeconomic policies that affect unemployment, inflation, national income, and economic growth.

ECON 2123 Principles of Microeconomics
The development and application of price theory to the resource allocation decisions of individuals and market participants.

ECON 2190 Seminar in Economics
Designed to apply economic theory to real-world situations. Prerequisites: ECON 2113 and ECON 2123. (1-4 credit hours.)

ECON 3003 International Economic Issues and Policies
A survey of global economic issues and policies that are related to international trade and finance.

ECON 3413 Comparative Economic Systems
The economics of socialism and capitalism, major world trading blocs, and developing countries and those in transition. Prerequisite: ECON 2113.

Emergency Medical Services

EMS 1003 Anatomy and Physiology for Pre-hospital Providers
A beginning course for pre-hospital providers presenting human body structures and function. Prerequisite: Admission to the EMS Program.
EMS 1053 First Responder
A study of basic life support and emergency care to minimize further patient injury until the arrival of pre-hospital care providers.

EMS 1104 Introduction to EMS and Patient Assessment
A study of the emergency medical service system and patient assessment. Content includes EMS systems/roles and responsibilities of the paramedic, well-being of the paramedic, injury/illness prevention, medical/legal issues, ethics, therapeutic assessment, clinical decision making, communications, and documentation. Laboratory included. Prerequisite: Admission to the program.

EMS 108 Basic Emergency Medical Technology
A study of the role of the EMT, including CPR, triage, patient assessment, treatment of shock, hemorrhage, unconscious patient, fractures, traumatic injuries, medical emergencies, and light extrication. Field and hospital practicums are integral parts of the course.

EMS 1113 Pharmacology for Pre-hospital Providers
A study of pathophysiology and emergency pharmacology, including actions of drugs on body systems and nervous system effects. Laboratory included. Prerequisite: EMS 1003.

EMS 1124 Advanced Skills in Emergency Medical Services
A study of adult and pediatric medication administration, venous access techniques, and airway management and ventilation skills. Laboratory and clinical practicum included. Prerequisite: EMS 1003.

EMS 1141 Emergency Vehicle Operators Course
This course presents the safe practices and operation of an emergency vehicle within a variety of situations. Human aspects, acquired abilities, physical forces, and state laws regarding safe vehicle operations are discussed. Vehicle performance on a driving course is an integral part of this course.

EMS 1203 Field Operations
A study of EMS field operations, including medical incident command, ambulance operations, rescue operations, hazardous material incidents, and crime scene awareness. Laboratory included. Prerequisite: EMS 1124.

EMS 1208 Intermediate Emergency Medical Technology
A study of patient treatment including IV fluid therapy, intubation and advanced airway care. Advanced patient assessment and shock management also included. Field and hospital practicums are integral parts of this course. Prerequisite: EMS 1108.

EMS 1213 ECG Interpretation
A study of the conduction system of the heart. Recognition of common non-lethal and lethal cardiac dysrhythmias and ECG performance and interpretation. Laboratory included. Prerequisite: Admission to the program.

EMS 1225 Trauma Assessment and Management
A study of trauma assessment and management emphasizing trauma systems, hemorrhage, and shock; soft tissue trauma; burns; trauma to the head and face, spine, thorax, abdomen, and musculoskeletal system. A Pre-Hospital Trauma Life Support (PHTLS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 1124.

EMS 2104 Medical Emergencies
A study of the assessment and management of neurology, endocrinology, allergies and anaphylaxis, gastroenterology, renal/urology, toxicology, hematology, environmental conditions, infectious and communicable diseases, behavioral and psychiatric disorders. Laboratory included. Prerequisite: EMS 1225.

EMS 2112 Special Needs in Emergency Medical Services
A study of geriatrics, abuse and assault, patients with special challenges, and acute interventions for chronic care patients. Assessment-based management of a variety of common complaints is also discussed. Laboratory included. EMS 1225.

EMS 2125 Cardiac/Respiratory Emergencies
A study of assessment and management of respiratory and cardiac related emergencies. An Advanced Cardiac Life Support (ACLS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 1225.

EMS 2202 OB/GYN Emergencies
A study of assessment and management of obstetrical and gynecological emergencies common in emergency medical services. Laboratory included. Prerequisite: EMS 2125.

EMS 2224 Pediatric Emergencies
A study of assessment and management of neonatal and pediatric emergencies common in emergency medical services. A Pediatric Advanced Life Support (PALS) course is included. Laboratory and clinical practicum included. Prerequisite: EMS 2125.

EMS 2244 EMS Leadership
This capstone course for degree-seeking students integrates all didactic, psychomotor skills, and clinical instruction presented throughout the program to demonstrate entry-level paramedic ability. Classroom hours will focus on clinical decision making and communication skills. Supervised hospital and field clinical experiences are an integral part of this course. This course includes experience with EMS field supervisors to emphasize leadership and management decision-making skills. Clinical practicum included. Prerequisite: EMS 2125.
Engineering

ENGR 1411 Engineering Orientation
Lectures on engineering as a profession, electronic calculators, statistical presentation of data, graphical analysis, and engineering problem solving. Recommended for all pre-engineering and engineering technician majors.

English

ENGL 0003 Basic Writing I
This course is for students who need to review basic grammar rules and mechanics. Included within this course is intensive instruction in grammar, mechanics, and paragraph structure. The course also provides instruction in essay writing, editing, and proofreading. This course does not apply toward total credit hours for graduation.

ENGL 0033 Basic Writing II
This course is designed to provide Writing I students with an additional semester of work to enhance writing skills including multiple paragraph writing, editing, and proofreading. This course does not apply toward total credit hours for graduation. Prerequisite: ENGL 0003 or permission.

ENGL 1113 Composition I
Required of all students. This course prepares students for college-level writing. Essay organization, development, and style, as well as critical thinking skills will be emphasized.

Note: Placement standards may require students to take one or more preparatory courses before being admitted to ENGL 1113.

ENGL 1213 Composition II
Basic requirement for graduation. A continuation of the writing experiences begun in Composition I. Writing experiences are concurrent with thematic material, including imaginative literature and writing across the curriculum. Incorporation of research techniques leading to production of research papers. Prerequisite: ENGL 1113.

ENGL 2023 Creative Writing
This course will focus on writing poetry and fiction. Students will be encouraged to discuss their writing in this workshop. Prerequisite: ENGL 1113 or instructor’s permission.

ENGL 2313 World Literature to 1600
A survey of significant world literature from the beginning of the written word to 1600, as evidenced in fiction, drama, essays, and poetry. Includes a study of various literary genres and conventions; research techniques; critical writing exercises; and discussion.

ENGL 2333 Technical Writing
Introduction to technical writing, focusing on forms of applied writing in each student’s area of specialization. Prerequisite: ENGL 1113.

ENGL 2543 British Literature to 1700
A survey of British Literature from the origins of language to 1700.

ENGL 2613 Introduction to Literature
Introduction of various genres of prose (fiction, drama /film) and poetry. Includes literary terms, verse, image, and language of poetry. Also includes research techniques, critical writing exercises, and discussion. Humanities elective.

ENGL 2653 British Literature from 1700
A survey of British literature from 1700 to the present.

ENGL 2773 American Literature to 1865
A survey of American literature from its colonial beginning to approximately 1865.

ENGL 2883 American Literature from 1865
A survey of American literature from approximately 1865 to the present.

ENGL 2933 World Literature from 1600
A survey of world literature from 1600 to present, as evidenced in fiction, drama, essays, and poetry. Includes a study of various literary genres and conventions; research techniques; critical writing exercises and discussion.

ENGL 3033 Creative Writing for Game Design
This course will examine the intrinsic creative elements of game design and provide students with the crucial skills required for designing their own original games for the retail market. Prerequisite: ENGL 1213. Highly recommended: ENGL 2023.

ENGL 3113 Advanced Technical Writing
In-depth study of technical writing required in business and science careers and in graduate schools. Focuses on forms of applied writing with required research in each student’s area of specialization. Prerequisite: ENGL 1213.

ENGL 3123 Topics in Advanced Composition
Practice in writing with emphasis on style and strategies of composition. Focus varies: practice in various literary genres; study of rhetoric, practice in various modes; argumentative writing; advanced expository writing. Prerequisite: ENGL 1113 and ENGL 1213 or instructor’s permission.

ENGL 3423 The Novel
Consideration of the work of major novelists. Course will be comparative and based on concepts to include theme and artistic expression.
ENGL 3443 Studies in Poetry
This course analyzes the elements, forms, and history of poetry written in and/or translated into English. The course will be comparative and historical, tracing developments in poetry from its beginnings to the present. Prerequisites: ENGL 1113 and ENGL 1213.

ENGL 4133 Fiction Writing
Intensive writing of short stories, with class attention to writing process, style, technique, revision and contemporary developments in the genre. Prerequisite: ENGL 2023 or instructor’s permission.

ENGL 4143 Poetry Writing
Intensive writing of poetry, with class attention to writing process, style, technique, revision and contemporary developments in the genre. Prerequisite: ENGL 2023 or instructor’s permission.

ENGL 4223 Shakespeare
Analysis of a selection of Shakespeare’s tragedies, comedies, histories, sonnets, and other lyric poetry. Selected criticism, 1600 to the present. Historical background and Shakespeare’s theater.

ENGL 4453 Literary Traditions
Literature studied includes, but is not limited to, world, British, and American literature approached thematically, regionally, historically, and generically.

ENGL 4710 Directed Studies
Intensive independent reading and research on a selected topic, writer, or movement in literature, criticism, research, or rhetoric. 1-3 credit hours. Open to students in a graduating semester.

Entrepreneurship

ENTR 3233 Marketing for the Entrepreneur
Identifies and applies the different marketing visions, approaches, and practices used by entrepreneurs to compete in highly competitive markets, identifying the differing strategic and tactical focuses and applications used by today’s entrepreneurs for the strategic application of various technologies. Prerequisite: MKTG 3113.

ENTR 3303 Entrepreneurial Finance
Focuses on the primary financial elements necessary in starting, growing, and harvesting a business, to include financial assessment of opportunity, marshaling resources, bootstrapping, creating the financial package cash flow, and sources of capital. Prerequisite: FINA 3503.

ENTR 4013 New Venture Development
Focuses on the early development of independent ventures as well as those within established organizations, addressing thought processes of entrepreneurs that challenge existing norms and pave the way for novel solutions to problems at both the individual and organizational levels. Prerequisite: MGMT 3013.

ENTR 4323 Managing the Growing Business
Teaches the students to anticipate the unique and specific problems that accompany starting and growing an entrepreneurial firm by creating value through innovation and opportunity capture rather than by merely the efficient management of ongoing operations. Prerequisite: MGMT 3013.

Finance

FINA 3503 Principles of Finance
An introductory course in financial management of capital in a business firm. Operational and strategic financial problems including allocation of funds, asset management, financial information systems, financial structure, policy determination, and analysis of the financial environment. Prerequisite: ACCT 2203.

Geography

GEOG 1113 General Geography
A general course in introductory geography concerned with natural and cultural features of the world’s landscape.

GEOG 2243 Human Geography
An introduction and general education course that emphasizes the interrelationship of the physical environment and human responses.

Geology

GEOL 1014 Earth Science
Study of the sciences related to Earth and our solar system–geology, meteorology, oceanography, and astronomy. Lab required.

GEOL 1114 Physical Geology
Geology of the physical Earth, materials of which it is made, the processes that act on these materials, and the products formed by the processes. Subjects of interest are examined in light of the plate tectonic theory: rocks and minerals, weathering and erosion, volcanoes, earthquakes, glaciers, streams, groundwater, and mountain building. Lab required.
GEOL 1124 Physical Geography
A course dealing with the study of Earth’s crust, oceans, soils, landscapes, weather, and climates. Lab required.

GEOL 1224 Historical Geology
Study of the history of the physical Earth and the evolution of its life forms through geologic time-development of Earth’s major features by the process of plate tectonics. Lab required. Prerequisite: GEOL 1114 or GEOL 1014.

GEOL 2124 Astronomy
Study of the astronomical universe and the perspectives used by astronomers in scientific study of the cosmos, the planets, and the birth and death of galactic objects. Lab required. Four credit hours.

German
GERM 1113 Beginning German
Grammar, phonetics, and simple readings in German.

Health, Physical Education, and Recreation
HPER 1031 Physical Education Activity
Individual and group activity for general physical improvement. Includes roller skating, weight training, conditioning, jogging, yoga, aerobics, tennis, badminton, figure control, lap swimming, beginning soccer, beginning archery, self defense, racquetball, and selected sports.

HPER 1032 Physical Education Activity
The personal approach to physical fitness designed to teach the principles of cardiovascular endurance, proper weight control, increased strength and flexibility, and ability to relax.

HPER 1581 Defensive Techniques
Fundamentals of self-defense.

Health Science
HLSC 1051 Blood Borne Pathogens and Hazard Communication
This course presents a summary of the OSHA blood borne pathogens and hazard communication standards; an introduction to chemical, physical properties and hazards; and precautionary strategies to prevent transmission of communicable diseases, particularly blood borne pathogens. Health hazards and safety procedures will be presented.

HLSC 1123 Health Concepts
A study of health concepts, individual choices, and health strategies. The role of the health consumer as critical thinker and evaluator of goods and services is emphasized. Major topics areas include: emotional health and problems, nutrition, drugs and drug abuse, reproduction and pregnancy, and diseases.

HLSC 1233 Medical Terminology
A study of physiological systems approach to provide principles of medical word building. Provides medical vocabulary including anatomy, physiology, systems, diagnostic testing, and pharmacology. This course is appropriate for health science students such as nursing, paramedic, and physical therapy assistant.

HLSC 1813 First Aid
A fundamental course presenting basic first aid theory and techniques in accordance with national standards. This course prepares the first aid responder to recognize emergencies and make appropriate decisions for first aid care. The emphasis is on CPR, victim assessment, and treatment of common emergencies.

HLSC 2183 Athletic Injuries
A study of common athletic injuries of the ankle, knee, shoulder, head, and neck. The role of the athletic trainer will be studied, including rehabilitation and liability issues. Major topic areas include physical conditioning, systematic evaluation of injuries, and taping techniques. Prerequisite: instructor’s permission.

History
HIST 2013 World Civilization I
A survey of major trends in world civilization from the beginnings of civilization in 3,000 BC to mid-sixteenth century. Includes all major regions of the world.

HIST 2023 World Civilization II
A survey of major trends in world civilization from the mid-sixteenth century to the present. The scope of the course includes the Enlightenment, the Industrial Revolution, nationalism, imperialism, communism, fascism, the World Wars, and the Cold War.

HIST 2063 Oklahoma History
Oklahoma history from date of discovery to the present, including changes in sovereignty, development through each era, contribution of the Indian, formation of the state, and basic law.
HIST 2463 Seminar in the Civil War--The Daily Life of the Civil War Soldier I
A study of the Civil War as seen through the eyes of the soldiers who fought in it, detailing their lives from enlistment through training, campaigning, and camp life. Students will be required to join the Civil War Re-enactment unit on campus (Company B, 15th Missouri Infantry), and learn about the subject matter by reliving it.

HIST 2473 Seminar in the Civil War--The Daily Life of the Civil War Soldier II
A continuation of HIST 2463. A study of the Civil War as seen through the eyes of the soldiers who fought in it, detailing their lives from enlistment through training, campaigning, and camp life. Students will be required to join the Civil War Re-enactment unit on campus (Company B, 15th Missouri Infantry), and learn about the subject matter by reliving it.

HIST 2483 American History to 1877
From the peopling of the continent to 1877; European origins and colonization; revolution and the development of federalism, nationalism, and democracy; foreign relations; political parties; and Civil War and Reconstruction.

HIST 2493 American History since 1877
From 1877 to present. Post-reconstruction, industrialism, immigration, reform movements, race, gender and ethnicity, cultural conflicts, the welfare state, and international relations.

HIST 3013 Modern Europe
Surveys the economic, social, political, and intellectual history of Europe from the European discovery of the New World to the present day. Emphasizes major developments of the period to include the Protestant Reformation, Absolutism, the Scientific and Industrial Revolutions, Napoleon Bonaparte, the World Wars, the Cold War, and the demise of the Soviet Union and the Eastern Bloc.

HIST 3023 The Civil War: Seminal Event in American History
A study of the events that led up to the Civil War and the military, political, economic, cultural, and social aspects of the war.

HIST 3053 Famous Trials in American History
Investigations of major trials in which legal, cultural, social and political issues intersect and received widespread attention.

HIST 4013 Nazi Germany
Examines the military, political, social, economic, and intellectual developments in Germany from World War I to the fall of Adolf Hitler and the National Socialist state in 1945. Course pays considerable attention to the creation and nature of Germany’s abortive experiment in democracy, the Weimar Republic, and the events leading to the establishment of the totalitarian state.

HIST 4033 Cultural Warfare: Major Controversies in US History
A study of clashes between social and cultural systems, including such topics as antebellum Northern and Southern societies, Darwinists and their opponents, and competing visions of religious and secular authority.

HIST 4043 Reformers and Liberators
Examination of major reform periods in nineteenth and twentieth-century America, including antebellum reform, Populism, Progressivism, New Deal, Great Society, Civil Rights, feminism, and sexual liberation movements.

Honors

HONS 1113 Freshman Honors Seminar
Orientation to the Rogers State University Honors Program. Emphasizes the fundamentals of critical thinking and research skills, and encourages students to explore Western cultural traditions of liberal arts education. Includes reading and research in the student’s particular academic field. Prerequisite: Enrollment in Honors Program.

HONS 2113 Sophomore Honors Seminar
Integration of sophomore honors and degree curriculum with independent reading and research. Presentation of research results. Service learning component possible. Prerequisite: HONS 1113.

HONS 3113 Junior Honors Seminar
Integration of junior honors and degree curriculum with independent reading and research. Students will present their progress in oral and written form, preparing for their capstone project. Prerequisites: HONS 2113 and junior status.

HONS 4113 Senior Honors Capstone
Integration of senior honors and degree curriculum with independent reading and research. Inception and actualization of original, specialized project, designed to investigate, analyze, and synthesize information in field of study, using skills developed in the program(s). Written and oral presentation. Project may be combined with capstone experience in degree program. Prerequisite: HONS 3113.
Humanities

HUM (ART) 1113 Art Appreciation
Illustrated lecture course surveying the role and dimension of art with a general examination of art theory, art media, and art history.

HUM 2003 History of Theatre
Acquaints the student with the development of drama, theatre, and production procedures through the ages from 500 BC to the present.

HUM 2113 Humanities I
A chronological survey of humanity through a cross-disciplinary study of humanity’s ideas, discoveries, and creative achievements from the pre-history through the medieval period.

HUM 2223 Humanities II
A chronological survey of humanity through a cross-disciplinary study of humanity’s ideas, discoveries, and creative achievements from the Renaissance through the modern period.

HUM (COMM) 2413 Theatre Appreciation
A survey and analysis of theatre history, literature, and practices relating to the theatre as a social force. This course explores the fundamentals of understanding and enjoying theatrical performances through an examination of dramatic forms, theatre development, and theatrical artistic elements.

HUM (MUSC) 2573 Music Appreciation
The course is designed to cultivate a broader listening and appreciative attitude toward music. Lectures with musical illustrations on important works of musical literature are included. Humanities elective.

HUM 2603 Introduction to the Old Testament
A survey of the writings included in the Old Testament with attention to their original social, political, and religious context.

HUM 2623 Introduction to the New Testament
A survey of writings included in the New Testament with attention to their original social, political, and religious context.

HUM 2893 Cinema
Introduction to the basics of motion pictures, film theory, history, and appreciation.

HUM 3113 Studies in African-American Culture
A study of African-American culture and its role within the general cultural fabric of America, including an investigation of African-American history, literature, music, religion, visual arts, and other achievements.

HUM 3213 Studies in Latin American Culture
A study of Latin American culture and its role within the general cultural fabric of America, including an investigation of Latin American history, literature, music, religion, visual arts, and other achievements.

HUM 3633 Comparative Religion
A comparative study of traditions, scriptures, theologies, major figures, and practices of world religions through an investigation of cross themes and contrasts.

HUM 4003 Multimedia Communications
An aesthetic consideration of the most effective ways to integrate written/oral and visual language. Special attention will be paid to corporate communication issues and the public sector, film, television, print, performance, and visual communication, as well as movements in digital or cyber communications and other emerging technologies.

HUM 4013 Capstone Project/Portfolio I
The Capstone Project/Portfolio is an original, specialized project, integrating the student’s cumulative academic experiences. Preparation for the Senior Project begins in the junior year with consultation with advisors. Prerequisite: senior status.

HUM 4113 International Cinema
Intensive study and research on international cinema focusing on, but not limited to, a particular national cinema, director, genre, body of criticism, or historical time period. Prerequisite: HUM 2893 or equivalence.

HUM 4413 Women in Literary and Visual Arts
An interdisciplinary study of the literary and artistic productions of women in Western culture. Considers relevant issues including, but not limited to, gendered productions, socio-historical contexts, and critical theory. Prerequisites: HUM 2113, HUM 2223, and ENGL 1213.

HUM 4993 Seminar in Humanities
A reading, research, and/or lecture seminar on a particular topic, period, or genre. Seminars will require extensive reading of, and reports on, primary and secondary works and/or research project(s). Student discussion will be paramount. Prerequisite: Senior status.

Information Technology

IT 1411 Orientation to Computer Technology
The student will be introduced to such varied topics as common IT terminology, career planning, basic programming logic, ethics, and other IT issues. The Business Information Technology portfolio project will also be discussed.
IT 2143 Introduction to Networking
Explores the theory and terminology of both local and wide area computer networks and their proper application to business and industry problems. Corequisite: IT 1411 or equivalent.

IT 2153 Network Operating Systems I
A popular operating system will be covered in detail. A study of components, functions, and relationships of computer operating systems and their interactions with user programs will be offered. Prerequisite: IT 2143 or instructor’s permission.

IT 3113 Integrated Applications
Course emphasizing the customization of off-the-shelf software such as MS Office Applications from the recording of macros to the creation of add-ons using VBA. Prerequisite: CS 1113, CS 2323, or instructor’s permission.

IT 3153 Network Operating Systems II
Network operating systems used in an enterprise networking context. Investigates general networking principles and capabilities. Prerequisite: CS 2153.

IT 3253 Advanced TCP/IP Administration
This course is a study of the requirements for implementing, administering, and troubleshooting the execution of information systems that incorporate TCP/IP. Prerequisite: IT 2143.

IT 3333 Fundamentals of Electronics
Introduction to electronics, basic circuit and systems concepts including a study of resistors, sources, capacitors, inductors, operational amplified diodes, and bipolar junction transistors (BJTs). Includes mathematical models of components and Kirchhoff’s laws. Prerequisite: Math 2464 Analytical Geometry and Calculus III.

IT 3413 Electromagnetics
Vector analysis applied to static electric and magnetic fields, development of Maxwell’s equations, elementary boundary-value problems, and determination of capacity and inductance. Prerequisite: IT 3333.

IT 3443 Digital Design
Study includes combinational circuits, optimization of finite-state machines, computer-aided design algorithms, two-level and multilevel optimization, design of sequential systems, Mealy/Moore machines, state diagrams, ASM charts, alternative implementations, state equivalence, and state reduction. Prerequisite: IT 2723 Computer Architecture.

IT 3723 Computer Architecture
The hardware levels of a computer are examined from gate level through the microprocessor. The roles of machine language, assembly language, BIOS, and the operating system are explored. Prerequisite: CS 2323.

IT 3753 Network Security
This course is a study of the requirements for implementing, administering, and troubleshooting a secure Internet access strategy in various networking situations. Prerequisite: IT 3153.

IT 4113 Network Routing
This course is a study of the requirements for implementing, administering, and troubleshooting the execution of network topologies. Prerequisite: IT 3253.

IT 4223 Analog and Digital Circuits Lab
Introduction to digital logic, counters, registers, and the design of circuits using transistor amplifier designs, oscillators, comparators and filters. Also includes circuits incorporating digital logic, counters, and memories. Prerequisites: IT 3333, PHYS 1214.

IT 4313 Emerging Technologies
An in-depth evaluation of emerging technologies. Students will be expected to research, evaluate, and present the marketability and viability of new hardware, software, and general trends in IT. Prerequisite: Completion of four 3000-level CS/IT classes.

IT 4333 Introduction to Signals and Systems
Introduction to the topics of time and frequency analysis and design of continuous and discrete systems and signals. Examination of continuous-time linear systems: Fourier series, Fourier transform, bilateral La-place transform. Also includes discrete-Fourier transform, bilinear z-transform, sampling, quantization, and discrete time processing. Prerequisite: IT 3333 Fundamentals of Electronics.

IT 4504 Capstone and Practicum
Small group project that integrates the materials in required courses. Includes discussions about professional and ethical issues. Prerequisites: Senior status and permission of instructor.

Justice Administration

JA 3123 Current Issues in Justice Administration
Emphasizes current developments in the legal, administrative, and operational aspects of the criminal justice system. Prerequisites: Justice Administration major and junior standing.

JA 4113 Criminal Justice Administration
Principles of management and systems theory for the administration of criminal justice agencies. Prerequisites: Justice Administration major, senior standing.
LA 4513 Crime and Public Policy
An investigation of current crime control theories, proposals, and programs. Special emphasis will be given to the synthesizing and integrating of the major concepts of coursework in the major. Prerequisites: Justice Administration major, senior standing.

Languages
LANG 1113 Foundations of World Languages
An overview of the basic forms of world languages and their relationships to modern tongues. Preliminary references to Latin/Greek root origin with specific concentration on the fundamentals of Spanish, French, and Italian.

Legal Assisting
LA 1123 Legal Research and Writing
As an introduction to legal research and writing, this course will provide a comprehensive working knowledge and understanding of research materials and research tools. Students will learn to develop research strategies. In addition, students will learn to write legal memoranda and briefs.

LA 1133 Law Office Management
Survey of general practices, procedures, and working of the law office; caseload allocation, billing, payable and receivable, time keeping, filing, and follow-up procedures are analyzed; use of manuals for policies and procedures.

LA 1143 Civil Procedure I
Survey of Oklahoma Pleading Code and Discovery Code; drafting of pleadings and discovery materials; survey of the procedural aspects of conducting trials and appeals on both state and federal levels.

LA 2033 (POLS) American Legal System
A general perspective of the legal system and judicial branch of government; introducing legal terminology, survey of practices, and ethics of legal professions.

LA 2133 Family Law
Survey of Oklahoma law pertaining to family relationships; adoption, divorce, ceremonial and common-law marriages, property division, child custody and post-divorce proceedings; relation of civil procedure to family relations litigation.

LA 2283 Internship
Program credit for actual hours worked in a law office. Prerequisites: POLS/LA 2033, LA 1123, and LA 1143.

LA 2393 Business Organizations
Formation, operation, and termination of proprietorships, partnerships, and corporations; status of business organizations in U.S. society; stocks, bonds, and financing of business organizations; mergers, acquisitions, and takeover of corporations.

LA 2423 Legal Document Production
This course is designed to reinforce legal terminology and show how legal concepts are related to the production of legal documents. Students will be required to produce a variety of legal documents and become familiar with court processes.

LA 3013 Torts
This course will provide an introduction to the broad area of civil wrongs and their appropriate remedies. Tort law principles in the areas of intentional torts, negligence, strict liability, products liability, and nuisance will be covered, as will commonly employed defenses. Prerequisite: POLS/LA 2033.

LA 3023 Contract Law
In this course, students will be introduced to the sources of contract law, including common law and the Uniform Commercial Code. Students will learn how to draft and interpret various types of contracts, and how to determine appropriate remedies when breach of contract occurs. Prerequisite: POLS/LA 2033.

LA 3033 Criminal Law
This course is a survey of common law and statutory crimes, with emphasis on Oklahoma and federal law. Procedural aspect of criminal investigations, trials, and appeals will also be covered. Prerequisite: POLS/LA 2033.

Library Science
LSCI 1011 The Use of Books and Libraries
Orientation to the use of libraries by college students, including the special features of the RSU Library, basic reference materials, and library service.

Management
MGMT 3013 Principles of Management
A management course with emphasis on business ethics, management principles, and theory, along with current management practices as they relate to human behavior.

MGMT 3233 Human Resources Development
Distinguishes between training and development and addresses the functions and needs for organizational and individual training. Prerequisite: MGMT 3313.

MGMT 3303 Organizational Behavior
Approaches the functions and problems of management from a behavioral viewpoint. Examines individuals and groups in effective organizations and integrates these concepts with organizational structure and process considerations. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843, and MGMT 3013.
MGMT 3313 Human Resources Management
Studies the functions of Human Resources and its role in the management of organizations. Selected theories, concepts, and principles of HR will be studied and applied in the context of the current business environment. Prerequisites: MGMT 3303 and MGMT 3023.

MGMT 3223 Compensation and Benefits
Compensation issues in organizations including: determining general wage and salary structure, total compensation systems, equity issues, legal issues, employee benefits administration, and theoretical issues. Prerequisite: MGMT 3313.

MGMT 3333 Employment and Labor
Management techniques for the administration of labor agreements, collective bargaining and union management relations, and evaluation of labor relations in union and non-union organizations. Prerequisite: MGMT 3313.

MGMT 3353 Organizational Theory
The design and interrelationships of formal organizations and the communication needs for efficiency and effectiveness.

MGMT 3413 Production/Operations Management
Analyzes the different tools used by management to improve the decision-making process in production functions. Topics include productivity, strategy, decision making, quality improvement, work measurement, and project management. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, and BADM 2843.

MGMT 3423 Management Information Systems
Analyzes the use of information systems for management decision making. Examines traditional information systems development from the end-user’s perspective. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843, and CS 1113.

MGMT 4033 Entrepreneurship
Examines the fundamentals of organizing a small business. Topics include entrepreneurship, the business plan, strategic planning, forms of ownership, marketing, pricing, cash flows, financial planning, and ethical and legal concerns in business. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, BADM 2843, and MGMT 3013.

MGMT 4333 Selection and Evaluation
Theoretical, legal, methodological, and substantive issues related to selection and performance appraisal of employees. Includes job analysis and validation, test development and administration, adverse impact analysis, and affirmative action. Prerequisite: MGMT 3313.

MGMT 4413 Quantitative Methods
Studies management science/operations research techniques used in analytical decision making. The major topics covered include: linear programming modeling and solution, distribution problems, network models, project management, and decision analysis. Prerequisites: ACCT 2103, ACCT 2203, ECON 2123, BADM 2523, and BADM 2843.

MGMT 4813 Strategies and Policies
Capstone experience that studies strategic management, including environmental analysis, strategy formulation and implementation, administrative policy, and the strategic control process. Analyzes problems confronted by upper-level managers and applies concepts from prior business courses. Prerequisites: Senior in Bachelor of Science in Business Administration.

Marketing

MKTG 3113 Principles of Marketing
A survey course of the functions of domestic and international marketing.

MKTG 3313 E-Marketing
E-marketing addresses how businesses use the Internet and other electronic technologies as marketing tools. The emphasis is on understanding the unique opportunities and challenges associated with electronic marketing in order to better implement a firm’s overall marketing strategy. This course will discuss e-commerce, effective websites, search engine results, advertising banners, and database marketing. Prerequisites: MKTG 3113.

MKTG 3323 Consumer Behavior
An integrative strategic marketing approach to consumer behavior analyzing the acquisition, consumption, and disposition of goods and services by consumers and organizations. Topics will include internal and external variables that influence buying decisions, buying processes, buyer-seller relationships, positioning and branding, information processing, issues of ethics and global marketing are considered. Prerequisites: MKTG 3113.

MKTG 3453 Sales and Sales Management
Principles of selling are addressed. Distinguishes between the complementary functions of marketing and sales. Management concepts including supervision, control of sales divisions, sales planning, research, motivation, compensation of salespersons, and ethical issues are discussed. Prerequisite: MKTG 3113.

MKTG 4153 Integrated Marketing Communications (IMC)
This course will examine a blended approach toward managing a company’s marketing promotional mix and communications messaging and mediums. This course will explore the role of IMC in a traditional marketing plan and in an integrated marketing offer and message to targeted customers. Prerequisite: MKTG 3113.

MKTG 4223 Supply Chain Management
The physical supply and distribution function in business management, including channel selection, transportation, facility location, and materials management; concentrates on the analytical and managerial methods necessary for the development and control of an integrated logistics system. Prerequisite: MKTG 3113.
MKTG 4333 Marketing Research
Examines the systematic research to marketing management decision making including identifying problems, determining information needs, designing research, collecting data, analyzing and interpreting the data, and reporting the results of the research findings. Prerequisites: BADM 2843 and MKTG 3113.

MKTG 4343 Marketing Management
Focuses on the application of marketing concepts to managerial decision making across topic areas of corporate-level strategy, marketing research, markets, products, pricing, promotion, and distribution. Prerequisites: MKTG 4333, MKTG 3313, MKTG 3323.

Mathematics

MATH 0013 Basic Math
This beginning algebra course contains a basic math component consisting of operations with real numbers, percentages, volumes, areas, and perimeters of simple geometric figures; metric system; English system; and scientific notation. The elementary algebra component includes the following: signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations, and inequalities, systems of linear equations, and graphing. This course does not substitute for MATH 1503 or MATH 1513. This course does not apply toward total credit hours for graduation.

MATH 0113 Elementary Algebra
A beginning algebra class. Included within this course are signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations and graphing. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0013 or equivalent.

MATH 0114 Elementary Algebra Plus
A beginning algebra class. Included within this course are signed numbers, exponents, algebraic expressions, factoring, algebraic fractions, linear equations and inequalities, systems of linear equations, and graphing. Lecture three hours, lab two hours per week. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0013 or equivalent.

MATH 0213 Intermediate Algebra
This class is a brief review of algebraic equations and inequalities, functions and graphs, systems of equations and inequalities, polynomials, rational expressions, roots, radicals, and quadratic functions. This course does not substitute for MATH 1503 or MATH 1513. This course does not apply toward total credit hours for graduation. Prerequisite: MATH 0114 or appropriate placement scores.

MATH 1503 Mathematics for Critical Thinking
The study of mathematics needed for critical evaluation of quantitative information. Includes basic logic/analytical reasoning, critical appraisal of graphs and tables, set theory, and introduction to descriptive and inferential statistics. Prerequisite: ACT math sub-score of 19 or equivalent.

MATH 1513 College Algebra
The study of linear functions and graphs of equations. Includes operations with functions; the study of polynomial, rational, exponential, and logarithmic functions and their graphs; sequences and variation. Prerequisite: ACT math sub-score of 19 or equivalent.

MATH 1613 Trigonometry
Includes trigonometric functions applications, identities, complex numbers, equations, inverse functions, and logarithmic functions. Pre or corequisite: MATH 1513.

MATH 1715 Pre-Calculus
This course covers the contents of college algebra and trigonometry.

MATH 1743 Calculus I for Business
Designed to acquaint the student with the applications of calculus to the solution of business problems, with emphasis on the applications to maximization, minimization, optimization, and marginal analysis. Prerequisite: MATH 1513.

MATH 2100 Seminar in Mathematics
The seminar offers the student an opportunity to study special topics in mathematics. Enrollment only by consent of the supervising instructor. (1-4 credit hours.)

MATH 2213 Mathematical Structures I
A study of the fundamental structure of mathematics. Includes systematic problem solving, logic, set theory, properties and operations in the different number systems, various bases, number theory, and techniques of reasoning and proof. Prerequisites: ACT math sub-score of 19 or equivalent. MATH 0213 or equivalent.

MATH 2264 Analytical Geometry and Calculus I
Includes functions of one variable, rectangular coordinates, equations and properties of algebraic plane curves, limits, derivatives, differentials, anti-derivatives, definite integrals, applications of derivatives and integrals, the natural logarithm, and exponential functions. Prerequisite: MATH 1613.

MATH 2364 Analytical Geometry and Calculus II
A continuation of MATH 2264 covering applications of integration, derivatives and integrals of the inverse trigonometric functions, integration techniques, use of integral tables, indefinite forms, improper integrals, sequences and series, Taylor and Maclaurin series, and conic sections. Prerequisite: Math 2264.
MATH 2464 Analytical Geometry and Calculus III
A continuation of MATH 2364 involving parametric equations, polar coordinates, analytic geometry in three space, vectors in two and three dimensions, vector-valued functions, derivatives of multi-variable functions, multiple integration, introduction to vector analysis, and Green’s Theorem. Prerequisite: MATH 2364.

MATH (BADM) 2843 Statistics
An introduction to basic statistical terminology, organization of data, measures of central tendency and dispersion, and application of statistical techniques. Includes elementary probability, sampling, estimation, hypothesis testing, and a variety of other statistical techniques. Prerequisite: MATH 1513 or instructor’s permission.

MATH 3113 Differential Equations
First-order ordinary differential equations, existence and uniqueness theorems, linear ordinary differential equations with constant coefficients, power series methods, numerical methods, and Laplace transform methods. Pre or corequisite: MATH 2464.

MATH 3413 Mathematical Structures II
A study of the fundamental structure of mathematics for non-science majors. Topics include: plane geometry; geometric motion such as translation, rotation, and reflection; polyhedra; and applications to measurement. No major or minor credit in mathematics. Prerequisite: MATH 1503, MATH 1513, or MATH 2213.

MATH (CS) 3433 Discrete Mathematics
Logic, set theory, order, algorithms, mathematical proof including induction, recursive functions and recursive algorithms, combinatorics. Prerequisites: MATH 2264 and CS 2223.

MATH 3523 Linear Algebra

MUSIC 2563 Fundamentals of Music
Designed as an introduction to the basic concepts and mechanics of music developed from world cultures. Includes examination of the historical, cultural, and social implications of music and performance analysis of global musical art forms.

MUSIC (HUM) 2573 Music Appreciation
The course is designed to cultivate a broader listening and appreciative attitude toward music. Lectures with musical illustrations on important works of musical literature are included. Humanities elective.

MUSIC 3723 History of Music
Acquaints the student with the development of music through the ages from its inception to the present.

Native American Studies

NAMS 1123 Native American Spirituality I
Orientation and study of Native American beliefs made integral through literature, oral traditions, and lifestyles. General concepts will be studied to find similarities in a range of mythologies, and specific tribal stories will serve as contrast.

NAMS 1143 Native Americans of North America
Introduction to the inhabitants from the North Pole to southern Mexico at the centuries directly before and immediately after specific European incursions. Note will be made of cultural relationships such as languages and myths among various peoples distributed throughout the area.

NAMS 2123 Native American Spirituality II
Advanced study of Native American spirituality in comparison to Western religion, culture, and community, through participation and discussion, medicine wheel, sweat lodge, meditation, dance, etc. This class will examine spiritual growth through the study of Native American practices and values.

NAMS 2203 Native Americans of the United States
Study of the history and cultures of Native Americans around the European incursions and establishment of the United States to present. Conflicts with European explorers and rebellions of indigenous peoples and the results of such actions will be reviewed. Whenever possible, comparisons between European and Native American accounts of such events will be made.

NAMS 2233 Native Americans of Oklahoma
Oklahoma is home to more than 40 American Indian tribes, tribal towns, nations, and bands. NAMS 2233 discusses the ways in which the tribes came to reside in the present day state of Oklahoma, and also explores each tribe as a unique entity unto itself. Both contemporary and historical perspectives will be addressed, as well as contemporary cultural issues and current events.

NAMS 2403 Field Research in Native American Culture
This course is designed to be a cooperative effort between RSU and local museums and research facilities such as Gilcrease and Philbrook museums. Students will be provided a list of topics of importance to the understanding of Native American cultures to be thoroughly researched during the semester.

NAMS 2423 Indigenous Language of Native Americans
A study of the general categories of languages that are the bodies that branch into hundreds of specific local languages. Information about linguistic clues that reveal migrations and relationships to pre-tribal cultures will be discussed and researched.
NAMS 2503 Cherokee I*  
The purpose of this course is to teach basic conversational Cherokee, with some emphasis on prefixes, suffixes, and roots of Cherokee words to reflect changes in the usage of words in the language.

NAMS 2583 Seminar in Native American Language  
The study of other Native American languages. (Offered on demand.)

NAMS 2623 Cherokee II*  
Instructions are carried out totally in the Cherokee language. No English is used. Stress is on conversational Cherokee. This method of teaching Native American languages is proving to be the most effective method yet developed.

*Conversational Native American Languages. All Native American language courses are subject to availability of instructors and current information about languages.

NAMS 2850 Native American Seminar  
This course is designed to address particular issues in regard to the Native American culture. Course content to be determined each semester offered and will be selected from, but not limited to, the following: art, language, religion, music, history, and current events. (1-4 credit hours.)

NAMS 3113 Contemporary Native American Issues  
Subjects to be covered include issues regarding tribal sovereignty, religious freedom, gaming, the Native American Graves Protection and Repatriation Act, CDIB status, museum development and management, government programs relating to tribes, Indian Health Service, the Bureau of Indian Affairs, and tribal elections. Current local, state, and national events, court cases, and evolving issues regarding tribes and tribal people will be a consistent subject throughout the course.

NAMS 3263 Native American Law  
An intensive review and advanced analysis of Native American law based on the foundational sets of legal principles of U.S. federal American Indian law, the laws of tribal governments, and international laws applicable to Indigenous people.

NAMS 4123 Native American Literature  
Building on the foundation of the oral tradition—stories, songs, and poems of traditional Native Americans—this course is an examination of contemporary authors and issues in Native American Literature. The course will focus intensively on a few writers and/or poets per semester.

Nursing  
NURS 1111 Nursing Concepts  
A study of professional nursing concepts and theory. Prerequisites: Admission to the Nursing Program, BIOL 1144, BIOL 2215, NURS 1191, and ENGL 1113.

NURS 1117 Foundations of Nursing Practice  
Integrated theoretical and clinical studies with focus on the acquisition of basic nursing skills for health maintenance through the life span. Prerequisites: Admission to the Nursing Program, BIOL 1144, BIOL 2215, NURS 1191, ENGL 1113, and ORIE 1151.

NURS 1191 Dosage Calculation  
A study of calculation of safe medication dosages. Medication administration is not included. Class placement (or enrollment) determined by score on a specified mathematics assessment test.

NURS 1228 Therapeutic Nursing Interventions I  
Integrated theoretical and clinical studies with focus on restoration of health through the life span. Prerequisites: NURS 1111 and NURS 1117.

NURS 1435 Nursing Bridge  
This course is designed for licensed paramedics and licensed practical nurses who are seeking advance standing in the nursing program. The major focus is on the nursing process as it relates to maintaining and restoring functional health patterns for clients during the older and middle adult phases of the life span. Emphasis is placed on the role and competencies of the associate degree nurse and role change. Critical thinking and communications are integrated throughout the course. A clinical laboratory component provides application of theoretical concepts. Prerequisites: Permission and BIOL 1144 and 2215; NURS 1191; ENGL 1113; PHAR 2113; PSY 1113; SOC 1113, NUTR 1113, and ORIE 1151.

NURS 2138 Therapeutic Nursing Interventions II  
Integrated theoretical and clinical studies with focus on promotion of health through the life span. Prerequisite: NURS 1228.

NURS 2223 Transition to Nursing Practice  
A study of role transition, including integration of selected clinical areas with the core competencies of professional nursing practice. Prerequisite: NURS 2138.

NURS 2246 Nursing in a Complex Environment  
Integrated theoretical and clinical studies with focus on the restoration, maintenance, and promotion of health and management of acute and chronic illness. Prerequisite: NURS 2138.

Nutrition  
NUTR 1113 Introduction to Nutrition  
A study of nutrients (including general functions), factors affecting utilization, food sources, dietary allowances, food economics, special needs in the life cycle, current issues in nutrition, energy metabolism, food economics, special diets, and fad diets. The role of nutrients in the functioning of the human immune system is discussed.
Orientation

ORIE 1151 The College Experience
Preparation for success as a student, including study skills, interpersonal communications, information about opportunities available at Rogers State University, and initial steps in career planning. A course emphasizing the importance of planning, proactive learning, how to study, build community on campus, and foster an understanding of self. The College Experience is designed to help students develop patterns and practices.

Pharmacology

PHAR 2113 Fundamentals of Pharmacology
A fundamental course presenting the history of drug administration, legal controls, safety issues, mechanisms of drug action, and excretion. Drug groups are presented according to action and use, and individual drugs are delineated as to dosage, mode, onset, peak, duration, side effect, contraindication, precautions, interactions, and therapeutic blood level when known. Prerequisites: BIOL 2215 or LPN or NREMT-P.

Philosophy

PHIL 1113 Introduction to Philosophy
An introduction to philosophy, mainly Western, but also including world traditions, which examines the thought of major philosophers and explores the traditional questions of philosophy about the nature of reality, knowledge, values, and humanity. Humanities elective.

PHIL 1213 Introduction to Logic
A beginning course in logic. Study of the principles of deductive reasoning, language and argument analysis, and fallacies in thought and argument.

PHIL 1313 Values and Ethics
A study of ethics and values from a comparative and structural basis to include origin and base of formulation.

PHIL 3213 Philosophy of Law
Examination of global philosophical issues related to law and politics, focusing on relationship between law and morality, the nature and functions of law, traditional concepts of justice, and contemporary discussions of political legitimacy.

Physics

PHYS 1014 General Physical Science
An introduction to the fundamentals of physical science with emphasis in physics and chemistry. Course includes applications to other physical sciences. Laboratory required.
Prerequisite: ACT math sub-score of 19 or equivalent.

PHYS 1114 General Physics I
General course including mechanics, heat, and sound. Satisfies requirements for pre-medical areas. Lab two hours per week. Prerequisite: MATH 1513. Pre or corequisite: MATH 1613.

PHYS 1214 General Physics II
General course including magnetism, electricity, and light. Continuation of PHYS 1114. Lab two hours per week. Prerequisites: MATH 1513, MATH 1613, and PHYS 1114.

PHYS 2015 Engineering Physics I
Intended for students majoring in physics, mathematics, or engineering. This course gives a more rigorous treatment of the topics of mechanics, heat, and sound than found in PHYS 1114. Lab two hours per week. Pre or corequisite: MATH 2264.

PHYS 2115 Engineering Physics II
A continuation of PHYS 2015, this course covers the topics of electricity, magnetism, and light. Lab two hours per week. Prerequisite: PHYS 2015. Pre or corequisite: MATH 2364.

PHYS 3113 Physics for Gaming
Application of the laws of physics to the creation of computer games with physics-based realism. Topics include kinematics, collisions, rotation of massive objects and explosions, and motion under the influence of various forces. Prerequisite: PHYS 1114.

Political Science

POLS 1113 American Federal Government
A study of the principles, structures, processes, and functions of the United States federal government.

POLS 2023 Introduction to Political Theory
An introduction to the politics of relations between nations. Students will study diplomacy, peace, defense, conflict, and conflict resolution. A research paper, exams, and other writing are required. Prerequisite: POLS 1113 or instructor’s permission.

POLS (LA) 2033 American Legal System
A general perspective of the legal system and judicial branch of government; introducing legal terminology, survey of practices, and ethics of legal profession.

POLS 2043 Introduction to Comparative Politics
An introduction to the methods of comparative political science examining the differences in political systems and political cultures. A research paper, exams, and other writing are required. Prerequisite: POLS 1113 American Federal Government or instructor’s permission.
POLS 2153 Civil Rights and Liberties
The politics, theory, and jurisprudence of civil rights and liberties in America are examined. A research paper, exams, and other writing are required. Prerequisite: POLS 1113
American Federal Government or instructor’s permission.

POLS 2253 Political Practicum
Monthly seminar structured to involve students in a supervised manner in the political process. No less than 32 additional hours spent in campaign activity verified by an approved campaign manager.

POLS 2890 Topics in Politics
A seminar in selected topics in politics. Topics vary each time course is offered. (1-3 credit hours.)

POLS 3013 State and Local Government
This course will explore the types of governments within states, municipalities, and other forms of local government as well as the influence of politics and recent trends affecting state, county, and municipal governments. An examination of contemporary issues will include civil rights, education, poverty, welfare, health, corrections, finance, and taxation. Special emphasis will be given to state and local government in Oklahoma.

POLS 3023 Introduction to Public Administration
This course will cover general concepts of public administration and the significance of administration in the modern state. Course content will include an analysis of administrative theory, structure, and organization; dynamics of management and decision making; and fiscal, personnel, and operational administration.

POLS 3033 Introduction to Public Policy
This course introduces the study of public policy by relating social problems to processes for conflict resolution. Topics include problem identification, policy formulation, institutional decision making, policy implementation and evaluation, and opportunities for reform and change.

POLS 3043 An Introduction to Political Ideas
This course explores the impact of political ideas and ideological systems of thought, focusing particularly on major ideologies that have emerged in nineteenth and twentieth-century political thought.

POLS 3053 International Relations
This course introduces students to the dynamics of relationships among nation-states. An important element of this course is the introduction of world views including realism, idealism, and the various behaviorist models that have emerged in the last 30 years.

POLS 3063 Constitutional Law
An exploration and analysis of the constitutional foundations of American law and government, the different methods of constitutional interpretation, and the law’s function as a basic medium for resolving conflict in a federal constitutional democracy. Prerequisite: POLS 1113.

POLS 3113 American Court System
An analysis of the characteristics and functions of the American Court System. Prerequisite: POLS 1113.

POLS 4013 Campaigns, Elections, and Voting
This course will analyze factors influencing voting choices, campaign strategies and techniques, changes and trends in U.S. elections, and methods of predicting and interpreting election results.

POLS 4023 Democracy
This course will examine the concept of democracy from its historical foundations to current issues challenging democracy in the twenty-first century.

POLS 4033 American Foreign Policy
A survey course in the evolution of American foreign policy. This course will consider the role the United States plays in world affairs, and the relationship between the United States, foreign governments, and the various non-governmental and international organizations that constitute the international community.

POLS 4043 The Media and Politics
A survey of the role the media plays in the governing process. This course will examine the mediating relationship the media plays between governmental actors and citizens: the importance of information, its impact on public opinion, and the quality of news coverage of politics.

Psychology

PSY 1113 Introduction to Psychology
A survey of basic principles underlying human behavior. Areas covered include scientific methods of inquiry, biological foundations, sensation and perception, consciousness, learning, emotion, motivation, abnormal behavior, and therapy.

PSY 2003 The Psychology of Death and Dying
An examination of the psychology of the dying person, and the measuring of death to him, his family, and associates. Attitudes toward death and the function of bereavement are explored. Implications of research of death for earlier life periods are examined. Prerequisite: PSY 1113.

PSY 2083 Current Topics in Psychology
This course will focus on current topics in psychology not covered in existing course offerings. Intended for the purpose of offering high interest course topics during the semester. It may be repeated with changes of topic. Content varies with instructor.

PSY 2413 Psychology of Adolescence
The study of normal physiological, intellectual, and emotional aspects of adolescents. Emphasis is on normal development and change as well as psychological and cultural forces affecting them. Issues such as suicide and gangs will be discussed. Prerequisite: PSY 1113.
PSY 2713 Psychology of the Older Adult
A study of the normal physiological, intellectual, and emotional aspects of the aging population. The nature and problems of the older adult in modern American society will be discussed. Prerequisite: PSY 1113.

PSY 2933 Human Sexuality
A study of the crucial problems involved in understanding human sexuality. Designed to provide scientific information in the following areas: anatomy; psychological and sociological phenomena of human sexuality; sexual behavior patterns; social mores; and the cognitive, emotional, and behavioral factors in sexual functioning. Prerequisite: PSY 1113.

PSY 3013 Abnormal Psychology
The objective of this course is to provide a brief overview of the wide spectrum of mental disorders (psychopathology). Among other things, examines the definition, classification, etiology, characteristics, and different treatment modalities of several behavioral deficits. Emphasis will be on clinical aspects of each disorder and the application of diagnostic criteria from the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV). Additionally, students will be introduced to empirical research by reading and answering questions from selected scientific journal articles.

PSY 3023 Social Psychology
Social Psychology is fundamental to the study of psychology and the human sciences. In this course, major theories, methods, and research findings that comprise the discipline of social psychology are examined from a critical standpoint. The primary objective of this course is to increase students’ awareness of the social, historical, and political dimension to psychological understanding. The application of theoretical and empirical work to real-world social problems is emphasized.

PSY 3033 Developmental Psychology
A life span course designed to provide an understanding of human behavior and characteristics from conception to death. Information is included on physical, cognitive and psychosocial development at each period of the life span. Emotional aspects associated with development will be discussed. Prerequisite: PSY 1113.

PSY 3043 Child Psychology
This course provides an understanding of human behavior and mental processes from conception through adolescence. Includes study of the physical, cognitive, and psychosocial development of the child. Prerequisite: PSY 1113.

PSY 3053 History and Systems of Psychology
Survey of the history of the various dogma, theories, technology, and methodological approaches to the behavioral sciences. Prerequisite: PSY 1113.

PSY 4013 Clinical Psychology
This course is designed for undergraduate psychology majors with an interest in clinical psychology. The intent is to provide a survey of the field including the history, scope, methods, concepts, and profession of clinical psychology. We will also review the different theoretical perspectives that constitute the discipline. The objective of this course is to provide the student with a broad, solid foundation in clinical psychology in preparation for further training in a mental health profession or psychology graduate program.

PSY 4023 Physiological Psychology
An examination of the biological basis of behavior with emphasis on the structural and functional anatomy of the central nervous system. Prerequisites: PSY 1113 and junior standing.

Reading

READ 0223 Developmental Reading I
This course is designed to train students in basic reading skills: to develop vocabulary, improve reading comprehension, and increase reading rate. Students are introduced to the materials they will encounter in college courses and become equipped with appropriate study skills for college success. This course does not apply toward total credit hours for graduation.

READ 0233 Developmental Reading II
This course is an extension of READ 0223. Reading II emphasizes individualized instruction to improve specific reading skills in order to prepare students for the rigors of college courses. Instructor’s permission required. This course does not apply toward total credit hours for graduation.

READ 0253 Reading in the Disciplines
Designed to acquaint students with the materials they will encounter in college courses and equip them with appropriate study skills for college success. Includes a learning styles assessment. This course does not apply toward total credit hours for graduation.

Social and Behavioral Sciences

SBS 3013 Research Methods I: Research Designs
An introduction to major research methods used in the social sciences (especially history, political science, psychology, and sociology). Students will become familiar with qualitative and quantitative research methods, and explore key issues in research design.

SBS 3023 Research Methods II: Analysis and Application
Appropriate social science research methods are applied to a problem or topic of the student’s choice. Students may conduct original research, formulate research proposals, or synthesize existing research for the benefit of a non-specialist audience.
SBS 3033 Perspectives on Human Behavior
A study of the differing conceptions of human behavior prevalent in the contemporary social sciences.

SBS 3043 Field Placement
Students volunteer in one or more community service agencies or charities to acquire personal knowledge of human problems and organized efforts to respond to them. Weekly meetings and journals provide for reflection on this experience.

SBS 3053 Social Systems and Problems
An inquiry into the origin and development of current social problems with specific reference to social action taken to address these problems. Students will investigate one major problem using the resources from more than one social science discipline.

SBS 4033 Internship I
Students work under the dual supervision of a faculty member and a site supervisor in a government office, museum or historical society, mental health or human welfare agency, law enforcement or judicial organization, or a charitable agency. (CA 2253 satisfies requirement for this course.)

SBS 4043 Internship II
Students work under the supervision of a faculty member and a site supervisor in a government office, museum or historical society, mental health or human welfare agency, law enforcement or judicial organization, or a charitable agency.

SBS 4513 Senior Seminar: Capstone Experience
All graduating seniors are required to take a semester-long, three-credit seminar in which they conduct research on some issue of social consequence from several different and sometimes conflicting perspectives. This experience is designed to help them learn how to investigate, analyze, and synthesize information about practical, behavioral, and societal issues using skills developed through their program. Developing written and oral presentations about their research enhances students’ ability to communicate and enter into dialogue with others about such issues.

Sociology

SOC 1113 Introduction to Sociology
Foundations of social interaction including patterns of social structure, culture, socialization, family, education, religion, economic and political structures, primary relationships, social differentiation, organization, deviance, collective behavior, and social change. Scientific methods and sociological theorists will be discussed.

SOC 1201 Career/Life Planning
An elective course designed to help the student develop a greater understanding of himself/herself and the meaningful world of work. Emphasizes career-planning steps.

SOC 2083 Current Topics in Sociology
This course will focus on current topics in psychology not covered in existing course offerings. Intended for the purpose of offering high interest course topics during the semester. It may be repeated with changes of topic. Content varies with instructor.

SOC 2123 Social Problems
A sociological approach to major social problems in contemporary American society. Emphasizes concepts of aging, health care, minorities, poverty, technology, work, and youth. A critical consideration of causes of social maladjustment and consideration for solving societal issues.

SOC 2133 Drug Abuse
A social scientific approach to the nature, role, and effects of chemical and psychological addiction in society. Explores a variety of addiction issues as they relate to the social institutions of family, education, politics, and medicine.

SOC 2353 General Anthropology
Introduction to the field of anthropology, emphasizing human evolution, human genetics, Old World archaeology, and the distribution of various breeding populations around the world. Prerequisite: SOC 1113 or consent of instructor.

SOC 2593 Statistical Methods
The emphasis in the course will be on applying advanced statistical techniques to specific application areas such as social science, business, and medical fields. Research techniques, fieldwork, and computer analysis will be the tools involved in conducting the statistical applications in this course.

SOC 2813 Introduction to Latin America
An overview of the geography, history, cultural traditions, and political systems of Latin America.

SOC 3023 Juvenile Delinquency
The focus of this course is to examine the juvenile delinquency phenomenon through the historical context of delinquency and the changing legal environment (includes major court decisions that have transformed the juvenile system). Students will explore the theories of the causes of juvenile delinquency and discuss juvenile delinquency prevention and control programs.

SOC 3033 Marriage and the Family
A survey of changes in family systems over the years. Area of study includes courtship, love, mate selection, parenthood, and family problems. The course also examines cross-cultural comparisons and considers alternatives to traditional family forms. Emphasis is placed on the use of empirical evidence to evaluate popular beliefs.
SOC 3043 Social Ethics
Introduction to social ethics. This course focuses on ethical and religious values of societies as they serve as a basis for social, legal, and political decisions.

SOC 3053 Cultural Ecology
An examination of how humans have used the various aspects of the social structure to adapt to the physical environment. Current ecological theories will be utilized to examine social evolution from hunting and gathering to industrial societies. Prerequisite: Nine hours of social science credit.

SOC 3073 Criminology
Critical analysis of criminological theories. The examination of major types of crimes, victims, and criminal behavior. Other topics include definitions, incidents, and trends in criminal behavior and the response of law enforcement, judicial, and correctional systems.

SOC 4013 Sociological Theory
A study of the great classical tradition in sociological theory and the expression of this tradition in contemporary theory. The course will include (but not be limited to) Weber, Marx, Durkheim, and Spencer. Prerequisites: Twelve hours of social science credit.

Spanish

SPAN 1113 Beginning Spanish I
A beginning course in understanding, speaking, reading, and writing Spanish. Some exploration of the Hispanic culture.

SPAN 1223 Beginning Spanish II
Continued instruction in understanding, speaking, reading, and writing Spanish with expanded vocabulary and more complex sentence structures. Continued exploration of the Hispanic culture. Prerequisite: SPAN 1113 or equivalent.

SPAN 2113 Intermediate Spanish I
Consolidation and expansion of basic skills with the introduction of more advanced vocabulary and grammar. Prerequisite: SPAN 1223 or equivalent.

SPAN 2223 Intermediate Spanish II
Expansion and refinement of basic skills with added emphasis on self-expression and Hispanic culture. Prerequisite: SPAN 2113 or equivalent.

Special Programs

SP 2900 Directed Study
Directed readings or laboratory exercises in approved area. Prerequisite: Permission of instructor. (1-2 credit hours.)

SP 2950 Special Topics
Seminar in approved area of study. Content will be determined by the specific course offered. Prerequisite: Permission of instructor. (3-4 credit hours.)

SP 3800 Internship
The structured experience will be tied to an internship for one semester in a government, nonprofit, or public/private facility. The experience must be approved by the faculty supervisor. Permission of instructor will be required to enroll. Repeatable up to 12 hours of credit. (3-12 credit hours.)

SP 3900 Independent Study
Research of current topics or problems involving library, laboratory, or field studies. Content will be determined by the needs and interests of the participants. Prerequisite: Permission of instructor. (1-2 credit hours.)

SP 3950 Advanced Topics
Current topic in approved area of study. Content will be determined by the specific course offered. Prerequisite: Permission of instructor. (3-4 credit hours.)

Speech

SPCH 1113 Speech Communication
Introduction to basic communication theory and practice with emphasis on effective listening, organizational skills, basic logic, and techniques of speech delivery in various situations.

Technology

TECH 1002 Introduction to Applied Technology
An orientation course designed to provide an industry overview as well as generalized skills. This course may be taken in any industrial specialty where the student wishes to get basic skills in a wide range of areas. This course relates to any technical/industrial program.

TECH 1012 Safety
An orientation to the safety associated with the industry. Focuses on business/industry safety in the workplace.

TECH 1022 Equipment/Tool Operation & Management
An orientation to the specialized equipment/tools within the class and industry. Focuses on the proper use of equipment/tools.

TECH 1030 Beginning Applications
Skills development in an applied setting. Beginning-level techniques are developed through design and completion of projects. (3-5 credit hours.)
TECH 1050 Intermediate Applications
Skills development in an applied setting. Intermediate-level techniques are developed through design and completion of projects. (3-5 credit hours.)

TECH 2020 Advanced Applications
Skills development in an applied setting. Advanced-level techniques are developed through design and completion of projects. (3-5 credit hours.)

TECH 2040 Special Topics
Topics that deal with important issues within the Industry. Includes problem-solving techniques, troubleshooting, etc. (3-5 credit hours.)

TECH 2060 Special Projects
Advanced skills used in the work place on special projects related to a student’s career goals. (3-5 credit hours.)

TECH 2083 Job Readiness
Development of skills in job seeking and keeping. The course prepares the student with successful techniques for finding gainful employment and in progressing once on the job.

TECH 2090 Field Internship
A capstone course designed to integrate academic and technical lectures and labs with business and industry work experience. (3-6 credit hours.)

TECH 3013 Leadership and Decision-Making Skills for Managers and Professionals
A study of specific leadership and decision-making skills and their application to a business organization. Among the topics to be covered are characteristics of leaders, techniques of decision making, interpersonal skills, and other related topics.

TECH 3023 Emerging Technologies
A study of technology as it affects the lives of people in an industrial society. The course will also study the impact of technology on the work place.

TECH 3203 Introduction to Risk Management
Risk and safety hazards and techniques for identifying, analyzing, eliminating, or transferring the perils of risk. Includes current laws regarding risk and safety, workers’ compensation insurance, employer-employee relations, and employee mistreatment in the workplace.

TECH 4003 Introduction to Computer and Telecommunications Tools for Managers and Professionals
A survey of computer and telecommunication tools available to managers and professionals.

TECH 4013 Computer and Telecommunications Applications for Managers and Professionals
A course designed to introduce managers and professionals to specific applications of computer and telecommunications tools in business. Various hardware and software perspectives will be introduced to acquaint students with “real world” application of the concepts in business and industrial settings. Prerequisite: TECH 4003.

TECH 4113 Government Regulation of Business
An overview of the impact of governmental regulation on business and industry. Among the topics to be studied will be environmental, health, occupational, and safety regulations at both the state and federal levels.

TECH 4504 Practicum and Capstone Experience
Small group project that integrates the materials in required courses. Includes discussions about professional and ethical issues. Prerequisite: Completion of 90 percent of Tech program.
Faculty

Andrews, Linda Dennis  
Assistant Professor and Department Head, Health Sciences; B.S.N., University of Texas; M.S., University of Oklahoma. (1986)

Arze, Guido  
Assistant Professor, Communications and Fine Arts; B.A., Florida International University; M.A., Florida International University; Ph.D., University of Florida. (2004)

Ashbaugh, Larry  
Associate Professor, Social and Behavioral Sciences; B.S., Clarion State College; M.Ed., Ed.D., The Pennsylvania State University. (1998)

Blakely, David  
Assistant Professor, Communications and Fine Arts; B.F.A., University of Oklahoma; M.F.A., University of Iowa; J.D., Duke University School of Law. (2005)

Blythe, Ann Sharon  
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