

ECU

CATALOG 2023-2024



EAST CENTRAL UNIVERSITY

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CATALOG 2023-2024
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Announcements in the catalog concerning regulations, fees, curricula, or other matters are subject to change without notice.
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Affirmative Action Compliance Statement

East Central University, in compliance with all applicable Federal and State law, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, sexual orientation, genetic information, or veteran status in any of its policies or procedures, including but not limited to admission, employment, financial aid, and educational services. Inquiries, complaints and requests for accommodation under Title IX, the Rehabilitation Act, and other non-discrimination policies should be directed to Employment Services Director, 1100 E. 14th, Adm 160, Ada, OK 74820, (580) 559-5217

Americans with Disabilities Statement

"East Central University, in compliance with all applicable Federal and State laws and regulations, does not discriminate on the basis of race, color, national origin, gender, age, religion, disability, status as a veteran, or special disabled veteran in any of its policies, practices, or procedures." This includes but is not limited to admission, employment, financial aid, and educational services.

East Central University is committed to providing equal access to University programs and services for all students. Under university policy and federal and state laws, students with documented disabilities are entitled to reasonable accommodations. If any member of the class has a documented disability requiring academic accommodations, he or she should report to the Office of Testing and Accessibility Services. A student seeking reasonable accommodations originating from a documented disability must register with the Office of Testing and Accessibility Services so that said accommodations may be provided.

Admission of Nonimmigrant Aliens

Consonant with the Immigration and Nationality Act (PL 87-195), East Central University is authorized under Federal law to enroll nonimmigrant alien students.

Curricula Changes

The University reserves the right to recommend changes in curricula, degree requirements, course offerings, and all academic regulations at any time. All changes must be approved by the Oklahoma State Regents for Higher Education and the Regional University System of Oklahoma board.

Catalog Changes

In an effort to ensure accuracy, East Central University reserves the right to make changes to curricula, degree requirements, course offerings, program descriptions, and all academic regulations within the ECU Catalog at any time, with the most up-to-date version of the ECU Catalog being posted on the ECU website. This version of the ECU Catalog was published on August 1, 2022.

Fee Changes

Tuition and fees stated in this catalog are those in effect at the time of printing. Tuition and fees are subject to change at any time. Changes must be approved by the Oklahoma State Regents for Higher Education and the Regional University System of Oklahoma.

Student Responsibility

The student is responsible for knowing and meeting the various regulations and procedures set forth in the University Catalog.

University E-mail Communication

East Central University assigns all students, faculty, and staff an official University e-mail account and recognizes the ECU e-mail account as an acceptable method of official communication. Students, faculty, and staff are required to read the official e-mail from this account on a regular basis. Failure to read the official communication in a timely manner does not absolve the account holder from knowing and complying with the content of the official communication. The University is not responsible for and does not support personal devices which connect to or which download information from university systems.

Accreditation and Affiliation

Accredited by:

The Higher Learning Commission as a Master's Degree granting institution (1922-34; 1947). The Higher Learning Commission's website is www.ncahlc.org and its phone number is (800) 621-7440.

Accreditation Commission for Education in Nursing, Inc., 1978
Accreditation Council of Business Schools and Programs, 2004
Council for Accreditation of Counseling and Related Educational Programs, 2014
Council on Rehabilitation Education, 1992
Council on Social Work Education, 1984
National Association of Schools of Music, 1996
Council for the Accreditation of Educator Preparation, 2020
National Environmental Health Science and Protection Accreditation Council, 1975
Oklahoma State Regents for Higher Education, 1948

Approved by:

American Bar Association (for Legal Studies Program)
Collegiate Officer Program
Oklahoma Board of Nursing
Oklahoma Council on Law Enforcement Education and Training
Oklahoma State Board of Education for Teacher Education

Member of:

Accreditation Commission for Education in Nursing, Inc.
American Association of Colleges for Teacher Education
American Association of Colleges of Nursing
American Association of State Colleges and Universities
American Council on Education
Association of Continuing Higher Education
Conference of Southern Graduate Schools
Council of Baccalaureate and Higher Degree Programs
Council of Graduate Departments of Psychology
Council of Graduate Schools in the United States
Council on Social Work Education
National Board for Certified Counselors
National Council on Rehabilitation Education
National League for Nursing
Oklahoma State System of Higher Education
Teacher Education Council of State Colleges and Universities



Section I
INTRODUCTION TO

THE UNIVERSITY

HISTORY AND FUNCTIONS

East Central University was established by legislative act in 1909 as one of three regional state normal schools founded that year in the eastern half of Oklahoma, that part which had been Indian Territory before the founding of the State in 1907. Three similar institutions had been established earlier in Oklahoma Territory, which became the western half of the new state. The six institutions for many years served virtually identical purposes in the state's program of higher education.

The normal school program consisted of four years of preparatory or high school work, and two years at the college level. Graduates of the normal schools were awarded lifetime licenses for teaching in the public schools of the state. In 1919 the six state normal schools were authorized to increase their college programs to four years of teacher education and to confer bachelors degrees. At that time they were designated teachers' colleges. In 1939 they were authorized to expand their programs to include degree programs in Arts and Sciences as well as Education, and the designation was changed to Oklahoma state colleges.

In 1954 East Central University and the other Oklahoma state colleges were authorized to offer their first graduate work in a fifth-year program for teachers leading to the Master of Teaching degree. In 1969, the state colleges were authorized to change the name of this advanced degree from Master of Teaching to Master of Education. Other masters degrees have since been added.

In 1974 the Oklahoma State Legislature officially changed the name of East Central from East Central State College to East Central Oklahoma State University and in 1985 the official title became East Central University. The academic schools of the University are the following: the Harland C. Stonecipher School of Business; the College of Education and Psychology; the College of Health and Sciences; the College of Liberal Arts and Social Sciences; and the School of Graduate Studies.

As a unit in the state's system of higher education receiving principal support from public taxation, East Central University has sought to serve the needs of the people of the state in a democratically responsive manner. The Oklahoma State Regents for Higher Education have specified the following functions for the senior universities of the state:

1. Offering undergraduate study in several fields leading to the bachelors degree;
2. Offering a limited number of programs leading to the first professional degree when appropriate to an institution's strengths and the needs of the state;
3. Offering graduate study at the masters level, primarily in teacher education and in selected fields related to Oklahoma's human resource needs;
4. Responsibility for extension and public service in the assigned geographic regions;
5. Responsibility for institutional and applied research in those areas related closely to their program assignments;
6. Responsibility for regional programs of economic development;
7. Responsibility for offering associate degrees when not in close proximity to a community college;
8. Responsibility for offering certificate programs as specifically authorized;
9. Responsibility for offering programs of statewide impact; and
10. Admitting students in the top one half of the class as defined in State Regents Policy. All of these functions except number seven have relevance for East Central University.

Shared Horizons
Strategic Plan for 2019 - 2024

MISSION

We educate and empower students to understand and transform our world.

VISION

We aspire to be first choice because of who we are.

CORE VALUES

- We are humble, kind, generous, and care for our students and one another.
- We go the extra mile to provide an exceptional experience for students and those we serve.
- We are forward-thinking, adaptable, and open to new ideas.
- We commit to solving problems, whether our own or others'.

ACADEMIC PROGRAMS

Goal 1: Achieve academic excellence through innovative programming, outstanding faculty, continual assessment, a flexible learning environment, and community engagement.

Strategy 1: Increase the number of courses and programs offered using instructional technology and distance learning to better serve current ECU students and to reach additional populations.

1) The Learning House On-Line program array has been executed.

2) Classrooms used for teaching online support e-learning initiatives with powerful wi-fi in every classroom (support mobile devices, synchronous web-based capabilities, etc.).

3) Twenty-four-hour help desk activated by 2020.

4) Twenty-four-hour computer lab implemented by 2020 (HLC quality initiative).

Strategy 2: Identify and implement new, relevant academic programs and seek opportunities to expand existing programs to meet student demand and projected workforce needs for the region, state and nation.

1) Establish at least one new on-the-ground program to address the projected workforce needs for the region, state and nation; and student interests.

Strategy 3: Review all existing academic programs to ensure relevant and rigorous content, appropriate delivery format, and mode of assessment.

1) Program reviews incorporate an examination of local, regional, and national employment trend data to direct changes to the program's future direction.

2) General Education is reformed based on Association of American Colleges & Universities (AAC&U) and state of Oklahoma recommendations for preparing students for the 21st century.

3) Seniors will score "very much" or "quite a bit" on NSSE question covering their coursework developed their ability to think critically and analytically.

4) Seniors will score "very much" or "quite a bit" on NSSE question covering their acquisition of job- or work-related skills.

5) Seniors will score "very much" or "quite a bit" on NSSE question covering their ability to solve complex real-world problems.

6) Syllabi have assignments linked to student learning outcomes.

7) Incoming freshmen participate in a first-year experience using active learning strategies or pedagogy that promotes student engagement.

8) Students participate in at least two high impact practices as defined by AAC&U before they graduate (study abroad, service learning, undergraduate research, etc.).

Strategy 4: Enhance faculty development opportunities targeted toward improving the daily teaching-learning process and reward faculty for incorporating high-impact practices into the classroom and curriculum.

1) Faculty teaching blended and online courses use Quality Matters or The Learning House best practices.

2) Faculty participate in at least one university-sponsored professional development activity per year.

3) Discipline-specific performance indicators for scholarship and creative achievement for the Faculty Performance Evaluation and tenure/promotion are developed by departments and adopted by Faculty Senate and Administration.

4) Faculty participate in more professional activities (Source: Department-at-a-Glance).

5) The total number of faculty pursuing grants/external funding increases.

ENROLLMENT, RETENTION, AND STUDENT SUCCESS

Goal 2: Achieve strong undergraduate and graduate enrollments and high rentention, graduation, and job placement rates.

Strategy 1: Develop and implement integrated retention, student support, and success programs.

1) A comprehensive enrollment management plan is developed. The plan addresses all aspects of recruitment, retention and student success including tasks, targets and timelines.

2) Increase the number of underrepresented and at-risk student populations.

3) Students participate in ECU Career Fairs (Source: Career Center attendance sheets).

4) Undergraduate alumni respondents are employed in a field relevant to degree or are pursuing an advanced degree within two years of graduation (Source: alumni survey).

5) Undergraduate alumni respondents who received Title IV funding indicate a salary increase of 6% over baseline within two years of graduation (Source: alumni survey).

Strategy 2: Strengthen planning, management, and implementation of recruitment and enrollment.

1) Total UNDG headcount enrollment is 3,080 students.

2) Total GRAD headcount enrollment is 920 students.

3) Total enrollment is 4,000.

4) The one-year retention rate is 60% (Source: IPEDS).

5) The two-year retention rate is 50% (Source: IPEDS).

6) The four-year graduation rate is 32% (Source: IPEDS).

7) The six-year graduation rate is 43% (Source: IPEDS).

INSTITUTIONAL CULTURE AND WORK ENVIRONMENT

Goal 3: Create and nurture an inclusive, dynamic and engaging experience for all stakeholders.

Strategy 1: Recruit and retain highly qualified faculty and staff to contribute ECU's aspirations.

1) ECU employee recruitment plan is developed by fall 2019 with tasks, targets and timelines completed by fall 2020; steady progress in recruitment made thereafter.

2) ECU employee retention rates by job category is identified by fall 2019 and a plan to increase retention with tasks, targets and timelines is completed by fall 2020; steady progress in retention is made thereafter.

3) A comprehensive diversity and engagement plan is developed with tasks, targets, and timelines completed by fall 2020; steady progress is made in diversity and engagement thereafter.

Strategy 2: Create a competitive salary program (with a funding plan) for faculty and staff.

1) Employee salaries are at least 90% of CUPA for our established peer group with consideration for years of service by fall 2024.

2) Compensation for directors, coordinators, and department chairs, brought up to the average of chairs at peer RUSO schools.

3) Faculty and staff will rate "compensation, benefits, and work/life balance" on Great Colleges to Work for Survey as very good.

Strategy 3: Determine best practices for informing and engaging the community.

1) A comprehensive community engagement plan is developed with tasks, targets, and timelines completed by fall 2020; steady progress is made in community engagement thereafter.

2) Increase participation of community members in ECU sponsored events.

3) Increase the number of co-sponsored ECU/community events.

Strategy 4: Diversify faculty and staff to reflect the racial/ethnic diversity of the region.

1) Increase the number of faculty and staff from underrepresented populations to more accurately reflect Oklahoma and ECU student demographics (Faculty Profile).

COMMUNICATON

Goal 4: Create a culture of effective communication to raise the profile among the internal and external stakeholders we serve.

Strategy 1: Create and implement a communication plan that pro vides for a clear means of top-down, bottom-up, and lateral communications among administration, faculty, staff, and students, and among colleges, schools, departments, and other campus units.

1) Document management system implemented to facilitate student and employee record keeping and streamline work flow.

2) ECU's respondents to the Great Colleges to Work For survey will indicate that they Strongly Agree or Agree that ECU is effectively communicating.

Strategy 2: Create and implement a communication plan to timely and effectively disseminate information about ECU to the greater Ada community, alumni, employers, and other interested stakeholders.

1) Surveys with external constituents will indicate knowledge and impact of ECU on community and state.

2) Measurable increase in positive engagements (e.g. likes, shares, retweets, etc) across all of ECU's digital communication platforms.

Strategy 3: Maintain and regularly redesign and refresh the website.

1) Website analytics (e.g. traffic and source, bounce rate, top pages, conversions, and conversion rates) indicate im proved visitors' experience.

2) Intranet website analytics and surveys indicate improved satisfaction of ECU employees to find resources.

FINANCIAL AND PHYSICAL RESOURCES

Goal 5. Acquire, manage, and leverage resources to achieve ECU's mission, vision, and goals.

Strategy 1: Formulate a tuition and fee structure that is both strategic and competitive.

1) Refined mandatory payment plan instituted to increase the percentage of students signed up to pay balance and pre-enroll for the next semester.

2) Students graduating from ECU will be below the national average on student-loan debt.

3) Opportunities created for more students to work between 15-20 hours per week on campus.

Strategy 2: Develop and implement a comprehensive fundraising plan to support students and strategic initiatives.

1) An alumni membership program is developed with tasks, targets, and timelines completed by fall 2020; steady progress is made toward achieving the targets.

2) Increase alumni engagement.

3) Annual giving campaign is developed including appropriate staffing, tasks, targets, and timelines by fall 2019; steady progress is achieved thereafter.

4) President's Circle annual giving doubled.

5) Increase giving to current scholarships or establish new endowed scholarships.

6) Increase ECU Foundation endowment.

7) New constituency-based partners established for strategic fundraising initiatives related to facilities and/or existing and/or new programs (e.g., E-sports, Engineering, Nursing, etc.).

8) External grant funding dollars to support strategic initiatives increased.

Strategy 3: Develop IT master plan to address critical areas required for programming.

1) An IT Master Plan is developed that includes all identified strategic technology needs from the ECU strategic plan as well as IT operational strategies and addresses a funding source for the need/project, timelines, and resources needed; steady progress is achieved thereafter.

2) Classroom technology upgraded each year, resulting in a complete classroom technology refresh by 2024.

3) IT provides priority support and services towards the implementation of The Learning House partnership for program management of online programs.

4) IT completes at least 80% of the projects initially included in the IT Master Plan.

Strategy 4: Maintain a system of monitoring the financial health of the university.

1) Dashboard is created with "up-to-date" items to display CFI, Primary Reserve, Viability, Return on Net Assets, Net Operating Revenues and CFI scores show continual signs of strong financial health.

Strategy 5: Implement the 2015 comprehensive facilities plan.

1) Recommendations of Campus Master Plan 2015 implemented, in consideration of campus growth, to address needs in Academic, Administration, Student Activities, Athletics, and Residence Life spaces to address safety and accessibility facility needs, deferred maintenance program, and campus beautification.

2) Master plan and annual capital projects updated to support new and expanded programs.

TO THE PROSPECTIVE STUDENT

East Central University is an accredited, tax-supported part of the Oklahoma System of Higher Education, directed by the Oklahoma State Regents for Higher Education. East Central University students wishing to continue their education elsewhere in undergraduate, graduate, or professional schools readily transfer their academic credits from East Central University either within or outside of Oklahoma, and East Central University accepts academic credits transferred from accredited institutions.

The University grants bachelors degrees in many of the traditional academic disciplines. East Central University's graduate training culminates in the masters degree. The University prepares students to follow many occupations and educates them in a broad background of general studies. It prepares students to enter professional and graduate schools and to obtain from various agencies authorizations such as nursing licenses, teachers certificates, and military commissions. The University offers special training not available at many institutions. It frequently examines its offerings and changes them to suit the needs of the times.

The University requires students to take certain courses expected of the educated person, and allows them to choose other courses for their own satisfaction. Courses are conducted in many ways including the traditional lecture method, laboratory work, workshops, individual study, private instruction, educational tours, online, experiential learning, off-campus settings and other appropriate ways.

Ada, the location of East Central University, is the commercial, industrial, service, and medical center for a substantial metropolitan and rural area. A national research laboratory and the seat of the tribal government are in Ada. The city shares the prosperity of its cement, plastic, petroleum, and cattle industries, along with thriving large and small businesses.

Information about attending East Central University may be obtained by contacting the Admissions Office. Campus visits are encouraged to help students obtain first-hand knowledge about areas of academic interest. This catalog may be used as a resource in answering questions concerning many aspects of East Central University.

OFFICIAL UNIVERSITY COMMUNICATIONS

The University has established email as an official means of communication and assigns all students a University email account for this purpose. Since communications may be time-critical, students are required to read all University email messages frequently and respond to them as may be necessary.

Some information may be sent by US Postal Service or by campus mail. These means are also considered official communication.

All communications sent via these official means are valid and binding regardless of a student's adherence to this policy.

Students enrolled in online courses are expected to have basic operational skills in using Blackboard, internet web browsers, Microsoft Office 365, generic computer technical skills, and programs listed by the instructor in the course syllabus. Any issues running programs are expected to be taken care of promptly by the student by contacting IT (ECU, Blackboard or additional IT resources listed in your syllabus) at the linked and listed contacts in the Blackboard course shell. Students should reference the course syllabus in the first week to assess and ensure compliance with additional electronic expectations or programs such as webcam requirements, Respondus programs, or other technology requirements.



Section II
GENERAL INFORMATION OF

THE UNDERGRADUATE DIVISION

INSTITUTIONAL ADMISSION AND RETENTION

Anyone planning to attend East Central University must apply online at the university's admission website. The student must support his or her application with the following records:

A. an official high school transcript;

B. all official transcripts, including all military transcripts, showing his or her records at each institution (any institution of higher education) in which he or she has enrolled;

C. an official report of his or her American College Testing Program (ACT) test scores or, if he or she attended high school out of Oklahoma, a record of an approved similar battery of tests.

These records should be filed in the Office of Admissions and Records at least two to four weeks before registration. If the records are in a different language, they must be submitted in authenticated English translations (see *International Student Admission* for more information). Undergraduate students applying to East Central University for the first time must pay an application fee before forms will be processed.

If an applicant is accepted for admission as a beginning freshman (a student with six or fewer attempted credit hours, excluding remedial [0-level courses] or pre-college work and excluding credit hours accumulated by concurrently enrolled high school students), the applicant must attend a freshman advisement and enrollment session before registration. A current immunization record or immunization waiver must be on file at that time.

INSTITUTIONAL ADMISSION AND RETENTION POLICY
(OSRHE Policy 3.9, 3/23)
Link: https://www.okhighered.org/state-system/policy-procedures/part3.shtml

CONCURRENT ENROLLMENT POLICY
(OSRHE Policy 3.10, 03/23)
Link: Link: https://www.okhighered.org/state-system/policy-procedures/part3.shtml

UNDERGRADUATE TRANSFER AND ARTICULATION POLICY
(OSRHE Policy 3.11, 3/23)
Link: Link: https://www.okhighered.org/state-system/policy-procedures/part3.shtml

IN-STATE/OUT-OF-STATE STATUS OF ENROLLED STUDENTS POLICY
(OSRHE Policy 3.18, 3/23)

STUDENT ASSESSMENT AND REMEDIATION POLICY
(OSRHE Policy 3.20, 3/23)

Financial Aid Satisfactory Academic Progress Policy (SAP)

Federal regulations require that all recipients of federal financial must maintain satisfactory academic progress toward a degree. This policy must be as stringent as our policy for non-recipients of federal student aid, therefore, this policy is applied to all students. Students applying for assistance through the following programs: Federal Pell Grant, Federal SEOG, Federal Work Study, Oklahoma Tuition Aid Grant (OTAG), Oklahoma's Promise (OHLAP), Perkins Loan, Direct Subsidized Stafford Loan, Direct Unsubsidized Stafford Loan, Direct Parent PLUS Loan, and Direct Graduate PLUS Loan must meet THREE requirements to maintain their financial aid eligibility at ECU:

1. GPA (quality of work)
2. Pace (amount of hours earned/amount of hours attempted)
3. Maximum hours (allowed to complete a degree)

These three requirements are summarized in the following chart. Failure to meet ALL of these minimum academic standards will result in the loss of financial aid eligibility. Students are expected to know, based on this Satisfactory Academic Progress Policy, when they may be placed on financial aid warning, probation, or suspension. Satisfactory academic progress is reviewed at the end of each academic semester once grades have been posted.

Undergraduate Classes		Graduate Classes	
Total Hors Attempted from all Institutions	1-30	31- up	All
Minimum Cumulative GPA Each student must meet a minimum cumulative grade point average to remain eligible for federal student aid. Zero level courses and repeat courses will not count in the calculation of the GPA.	1.70	2.00	3.00
Minimum % of Total Hours Successfully Completed (Pace) Students must successfully complete and pass 67% of all courses they attempt. (See Grades) All transfer, zero level, and repeat hours are included in this calculation.	67%	67%	67%

Undergraduate Classes		Graduate Classes	
Maximum Total Hours Attempted Allowed for Earning a Degree Students must complete their degree program within an allotted time frame to remain eligible for financial aid. The chart indicates the time frame in which a degree must be acquired. Be aware that hour limits are cumulative; therefore, all hours from all institutions attended will be included, even if a student did not receive federal student aid. The Financial Aid Office recommends that students who have attempted 150 hours toward their first Bachelor's degree contact the Admissions & Records Office to complete a degree check to ensure they are taking the courses necessary to complete their degrees. (See Grades) Once students reach their maximum time frame for their specific program, they are no longer eligible for federal student aid, except by appeal. (Students must be accepted into a graduate program to receive aid for graduate hours.)	186- Bachelor Degree 240- 2nd Bachelor Degree		48 - 1st Master's Degree Education 48 Human Resources 54 HR Counselor 90 Rehab Counselor 90 Criminal Justice 54 Psych Services 90 80 - 2nd Masters including 48 for 1st Masters

STUDENT ASSESSMENT AND REMEDIATION POLICY
(OSRHE Policy 3.20, 3/23)

ECU ASSESSMENT POLICY

East Central University's assessment program is based upon the Oklahoma State Regents for Higher Education's assessment policy requiring all state system colleges and universities to assess entry-level, mid-level, and major field student academic achievement and to assess student satisfaction. East Central University's policy addresses these four areas and is designed to assist faculty and students in promoting student success in achieving their academic goals and to aid the university in the improvement of teaching and learning.

Entry-Level Assessment:

All students who enroll at East Central University as first-time entering freshmen and transfer students who enter the university with six or fewer semester credit hours attempted are required to participate in entry-level assessment. In addition to complying with published ECU admission standards, participation in entry-level assessment may include other activities such as taking placement tests, completing student surveys, and contributing to other entry-level assessment-related activities.

Mid-Level (General Education) Assessment:

All students who enroll at East Central University as freshmen or transfer students without an associate of arts or associate of science degree are required to participate in mid-level assessment of General Education. Participation in mid-level assessment may include such activities as taking assessment tests, participating in student orientation, developing portfolios, completing student surveys, and contributing to other mid-level assessment-related activities.

Assessment of the Major:

During their junior and senior years, all students are required to participate in major field assessment. Participation in major field assessment may include such activities as enrolling in capstone courses, taking assessment tests, developing portfolios, completing student surveys, and contributing to other assessment-related activities of one's major.

Student Satisfaction Assessment:

Using surveys, focus groups, and other assessment-related activities, assessment of student satisfaction encompasses two areas: current student and alumni satisfaction with student services, such as housing, food services, financial aid, extra-curricular activities, library, bookstore, advising and counseling, etc.; and alumni satisfaction with overall quality of their education at East Central University.

FEES AND FINANCIAL AID

BASIC COSTS FOR A SEMESTER

The Oklahoma State Regents for Higher Education, have established the following charges for East Central University; these charges are subject to change by the Regents at any time:

1. *Resident Tuition:* undergraduate and graduate; payable each semester or term:

   a. Oklahoma resident students:
   Undergraduate division, $210.00 per semester hour.
   Graduate division, $266.00 per semester hour.

   b. Non-resident tuition: (These charges are in addition to the charges listed in "a" above.)
   Undergraduate division, $210.00 per semester hour
   Graduate division, $266.00 per semester hour.

   (See Oklahoma State Regents' regulations on student resident status on following pages.)

   Distance Education: see schedule for specific costs which vary by site.

2. *Charges for special services, paid in addition to other fees as applicable, each semester or term*:

Academic Records	$12.00
Alternative Delivery (GRAD)	$60.00
Alternative Delivery (UNDG)	$60.00
Art/Design: Media/Communications	$30.00
Auto Registration	$25.00
CLASS Academic Quality	$10.00
CLEET	$200.00
Cultural & Recreation Services	$2.30
Education Enrichment	$7.50
Fine Arts Center	$4.00
First-Year Experience	$20.00
HHFS Food Science	$7.50
Human Resources	$5.00
Infrastructure Fee	$5.00
International Student Insurance	$694.00
International Student Maintenance	$170.00
Kinesiology Course	$5.00
Library Automation & Materials	$2.50
Nursing Course	$75.00
Performance Enhancement	$25.00
Psychology Enrichment	$3.50
Remedial Course	$20.00
Science Lab & Enrichment	$25.00
Security Services	$1.00
Stonecipher School of Business	$14.00
Student Activity	$12.00
Student Activity Facilities	$3.00
Student Assessment	$1.00
Student Health	$50.00
Student ID	$2.00
Student Technology	$15.00
University Center	$6.00

3. Advanced standing examination fee: $5.00 per semester hour.

4. Refunds of Tuition and Fees

For more information about Tuition and Fees please visit the Bursrar.

The refund policy for fees and tuition collected from students at institutions shall be as follows: Changes in schedules (dropping/adding) prior to the last day of the drop/add period will result in full charges for courses added and full refund for courses dropped. The drop/add period ends on the fifth class day for a summer term and the 10th class day for a regular semester (fall or spring). See the Schedule of Classes each semester for the closing date of the drop/add period.

Financial Aid Satisfactory Academic Progress Policy (SAP)

Federal regulations require that all recipients of federal financial must maintain satisfactory academic progress toward a degree. This policy must be as stringent as our policy for non-recipients of federal student aid, therefore, this policy is applied to all students. Students applying for assistance through the following programs: Federal Pell Grant, Federal SEOG, Federal Work Study, Oklahoma Tuition Aid Grant (OTAG), Oklahoma's Promise (OHLAP), Perkins Loan, Direct Subsidized Stafford Loan, Direct Unsubsidized Stafford Loan, Direct Parent PLUS Loan, and Direct Graduate PLUS Loan must meet THREE requirements to maintain their financial aid eligibility at ECU:

1. GPA (quality of work)
2. Pace (amount of hours earned/amount of hours attempted)
3. Maximum hours (allowed to complete a degree)

These three requirements are summarized in the following chart. Failure to meet ALL of these minimum academic standards will result in the loss of financial aid eligibility. Students are expected to know, based on this Satisfactory Academic Progress Policy, when they may be placed on financial aid warning, probation, or suspension. Satisfactory academic progress is reviewed at the end of each academic semester once grades have been posted.

Undergraduate Classes		Graduate Classes	
Total Hors Attempted from all Institutions	1-30	31- up	All
Minimum Cumulative GPA Each student must meet a minimum cumulative grade point average to remain eligible for federal student aid. Zero level courses and repeat courses will not count in the calculation of the GPA.	1.70	2.00	3.00
Minimum % of Total Hours Successfully Completed (Pace) Students must successfully complete and pass 67% of all courses they attempt. (See Grades) All transfer, zero level, and repeat hours are included in this calculation	67%	67%	67%
Maximum Total Hours Attempted Allowed for Earning a Degree Students must complete their degree program within an allotted time frame to remain eligible for financial aid. The chart indicates the time frame in which a degree must be acquired. Be aware that hour limits are cumulative; therefore, all hours from all institutions attended will be included, even if a student did not receive federal student aid. The Financial Aid Office recommends that students who have attempted 150 hours toward their first Bachelor's degree contact the Admissions & Records Office to complete a degree check to ensure they are taking the courses necessary to complete their degrees. (See Grades) Once students reach their maximum time frame for their specific program, they are no longer eligible for federal student aid, except by appeal. (Students must be accepted into a graduate program to receive aid for graduate hours.)	186- Bachelor Degree 240- 2nd Bachelor Degree		48 - 1st Master's Degree Education 48 Human Resources 54 HR Counselor 90 Rehab Counselor 90 Criminal Justice 54 Psych Services 90 80 - 2nd Masters including 48 for 1st Masters

WITHDRAWALS & CHANGES IN ENROLLMENT

Changes in schedules and complete withdrawals from the institution during the defined add/drop period will result in full charges for courses added and full credit for courses dropped. No refunds will be made after the add/drop period for that session.

Medical Withdrawal

Policy:
Students who are unable to complete a semester/session due to a personal medical emergency may request a Medical Withdrawal, which results in a GPA neutral W for all enrolled courses only during the semester/session in which the medical situation occurred.

A student seeking a Medical Withdrawal must provide pertinent documentation from a licensed health care provider to the Office of Academic Affairs. Additionally, the student must be currently enrolled at the University and must petition for a Medical Withdrawal within one year after the semester/session ends in which the medical situation occurred. Qualified medical events apply only to the student (not the student's family members or friends).

If a Medical Withdrawal is approved by the Office of Academic Affairs, the student will receive a W for all enrolled courses. Students remain responsible for any financial obligations for the courses in which they were enrolled.

Process:
1. Student experiences a medical incident.

2. Student requests medical documentation from provider.

3. Students fills out Medical Withdrawal Form and attaches pertinent documentation to the form, which is routed to Academic Affairs.

4. Academic Affairs receives form and adjudicates.

5. If the incident qualifies, Academic Affairs will initiate the Etrieve REG Grade Change (F or WF to W) Form.

6. If the incident does not qualify, Academic Affairs will notify the student that the incident does not meet the criteria.

7. Once the final grade is changed to a W, the Records Office will notify all parties involved.

Backdated Drop/Withdrawal Policy

It is the responsibility of enrolled students to be aware of all course drop and withdrawal deadlines. These dates can be found on the academic calendar. Exceptions will only be considered with documentation of extenuating circumstances during a time period in which a student was unable to request a drop or withdrawal.

How to Request an Exception:
Requests for exceptions will be considered and decided upon by the Registrar. To request an exception, students must submit a written explanation explaining the circumstances that prevented them from dropping/withdrawing by the deadline, along with any supporting documentation, either in person to the Records Office (Room 111, Administration Building), or via email (registrar@ecok.edu). The Registrar will not meet with students to discuss exceptions prior to these items being submitted. Requests submitted without supporting documentation will not be considered. After reviewing the request, the Registrar will email the student with a decision. The Registrar reserves the right to request a meeting with the student and/or additional documentation prior to deciding on the outcome. Students should expect to hear from the Registrar within 1-2 weeks after a request has been submitted.

When will Requests for Exceptions be Accepted:
Requests may be made no later than one calendar year after the academic term for the courses in question has ended. After one calendar year, exceptions will not be considered. Students will be responsible for any and all charges on their account at that time.

FINANCIAL AID

Inspire Generosity.
SCHOLARSHIP AND AWARD FUNDS
Ensure Opportunity.
Exceed Expectations.



More than 300 scholarships and awards are available through the East Central University Foundation. A current list and scholarship application are available at: http://www.ecok.edu/foundation.

OTHER SCHOLARSHIP FUNDS

Oklahoma State Regents Academic Scholars Program
Regional University Baccalaureate Scholarship Program
Deans Scholarship
University Scholarship
Oklahoma's Promise

A number of other funds become available as contributions are made. The Admissions Office will provide information about them on request. Students must complete the Free Application for Federal Student Aid (FAFSA) and the Scholarship Application by February 1 to be eligible for all ECU scholarship funds.

FINANCIAL AID PROGRAMS
School Code 003154

Financial Aid is available to East Central University students to help them meet the costs of their education. Prospective or enrolled students are invited to contact the Financial Aid Office for information regarding loans, grants, or part-time employment. In an effort to determine as accurately as possible the needs of the student and to comply with federal regulations, the Free Application for Federal Student Aid (FAFSA) must be completed by everyone applying for assistance through East Central University. The award year begins with the fall semester and ends with the summer term. The FAFSA may be completed online at www.fafsa.gov. Students needing help to complete the online FAFSA should contact the ECU Educational Opportunity Center at (580) 559-5684 or the Financial Aid Office at (580) 559-5243 for assistance. Additional documents, if required, will be requested at the time the result of the federal application is received. East Central University does not prohibit the granting of financial assistance because of race, color, or national origin.

Application Deadlines - students should complete their financial aid application and pre-enroll as early as possible.

October 1	Apply as soon as possible after this date for the next academic year, which begins with the fall semester.
February 1	Students should have a completed financial aid application on file in the Financial Aid Office

for priority application processing for the next academic year beginning with fall. This is also the deadline to apply for ECU and Foundation scholarships.

May 1 — Have Summer Aid application completed in Financial Aid Office for the upcoming summer term.

June 1 — Financial aid file should be complete and accurate to ensure fall financial aid will be ready for the initial aid disbursement.

GRANTS

Federal and State grants are available to qualified students having substantial financial need.

Federal Pell Grants

Federal Pell Grants are awarded to eligible undergraduate students who show financial need based on a standard formula. Funding is not limited by the number of students who apply. The Federal Pell Grant is the only type of aid that may cover less than half-time enrollment (1-5 hours). Students are limited to 12 semester of full-time enrollments.

Federal Supplemental Educational Opportunity Grants (SEOG)

SEOG awards are made to undergraduate students who have exceptional financial need. Funding is limited and priority is given to students who receive a Federal Pell Grant and who complete the application process, including providing requested documentation to the ECU Financial Aid Office earliest. The maximum SEOG at ECU is $800.00 for the award year.

Oklahoma Tuition Aid Grants (OTAG)

OTAG is a grant administered by the Oklahoma State Regents for Higher Education. The funds are disbursed by East Central University. Recipients must be an undergraduate student and be enrolled at least half-time to receive OTAG. To be considered for OTAG, the FAFSA must have been filed prior to March 15 and the applicant must be an Oklahoma resident.

Tribal Higher Education Grants

The Tribal Higher Education Grants are available to tribal members. Application for grants is made through the Tribal Headquarters with which the student is affiliated. The Financial Aid Office needs the results of the FAFSA to properly complete the school portion of tribal applications.

LOANS

Several types of loans are available to help students pay for school. Loans must be repaid with interest. Loans require entrance counseling prior to disbursement of funds and exit counseling prior to graduating, leaving school or dropping below half-time. Loans awarded for a single semester must be disbursed in two payments. The second payment must occur after the midpoint of the semester. Students must repay loans even if they do not complete their education, are not able to get a job after completing the program or are dissatisfied with the education for which they paid. The Health Care Act of 2010 (H. R. 4872) eliminated the Federal Family Education Loan Program (FFELP) and requires schools to participate in the William D. Ford Direct Lending Program. Since the federal government will be the only lender, new and former loan borrowers (prior to Summer, 2010) will need to complete a Direct Loan Master Promissory Note and Direct Loan Entrance Counseling to continue receiving student loans. Students may also want to consider loan consolidation to avoid multiple payments to more than one lender. Students should refer to the Direct Loan tab and the loan consolidation tab on the financial aid webpage for more information.

Lions-Alumni Student Loan Fund and Don Clawson Student Loan Fund

This fund is designed to aid students with short-term, low-cost loans to meet emergency expenses. The loan is to be repaid prior to pre-enrollment for the following semester.

Federal Direct Stafford Loan Program (subsidized and unsubsidized)

The Stafford Loan is a low interest loan guaranteed and funded by the federal government. The federal government pays the interest on the subsidized Stafford loan while the student is in school and during the grace period. The student is responsible for the interest on the unsubsidized Stafford loan. Repayment normally begins six months after graduating, leaving school or dropping below half-time. The monthly repayment amount depends on the total amount borrowed, the length of the payment period and the repayment option chosen.

The amount of the loan is determined by the Financial Aid Office, and depends on several variables such as expected family contribution as determined by the FAFSA, other types of financial assistance which the student receives and grade level. East Central University may not deliver the first installment of Stafford Loan proceeds to a first-year undergraduate student who has not previously received a Stafford Loan until 30 days after the first day of classes (the 31st day). Loans awarded for a single semester must be disbursed in two payments. The second payment must occur after the midpoint of the semester. To qualify for a Stafford Loan, undergraduate students must be enrolled in at least 6 hours and graduate students must be enrolled in at least 5 hours. All summer loans are disbursed in two payments, one in June and the second in July.

Federal Direct PLUS Program

This loan may be available to families of dependent students when other types of aid do not meet their needs. It is a loan program similar to the Federal Direct Stafford Loan Program. Repayment normally begins 60 days after the last loan disbursement for the loan period. However, if a deferment applies, borrowers do not begin repaying any principal until the deferment ends. The lender will run a credit check on all PLUS Loan borrowers. The student must be enrolled in at least 6 hours for the parent to qualify for a PLUS loan.

STUDENT EMPLOYMENT

Many students are employed by area businesses. Others work on campus either as regular student employees or as participants in the Federal Work Study program. Student employment allows students to earn money to pay for educational costs while providing valuable job experience. Money is earned hourly and paid monthly. ECU offers a variety of community service employment opportunities funded through the federal work-study program. The University assists students in securing this work. Further information may be obtained from the Financial Aid Office, or Employment Services.

VETERANS ADMINISTRATION EDUCATIONAL BENEFITS/PROGRAMS

East Central University is approved for students who are eligible for a variety of Veterans Administration benefits. The Office of Veterans Affairs will provide information, as well as assistance, in the proper filing of all forms for those who are eligible for educational benefits.

Information is available concerning all G.I. Bills® which pertain to educational benefits. Questions about other veteran's benefits are encouraged and appropriate resources will be suggested for follow-up information.

Veterans are encouraged to use other services and programs which include counseling, advisement, job placement, outreach, recruitment, VA paid tutoring, and VA paid work-study. The Veterans Administration Regional Office in Muskogee extends the use of a free call-in line (1-888-GIBILL1 or 1-888-442-4551) for all veterans who have questions pertaining to situations not expressly covered under benefits administered by the office at East Central University.
East Central University is compliant with Section 702 of the Veterans Access, Choice, and Accountability Act of 2014, Veterans, Active Duty Military Personnel along with their dependents who are using either the MGIB, Chapter 30 or Post 9/11, Chapter 33 (or 33T for dependents) educational benefits will not be charged tuition and fees in excess of the resident rate for terms beginning after July 1, 2015 (December 31, 2015). East Central University is compliant with PL 116-315 Section 1005 and PL 117-68. East Central University is compliant with PL 115-407 38 USC 3679(e)(1)(A).

GI Bill is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at http://www.benefits.va.gov/gibill

VA BENEFITS

The Department of Veterans Affairs administers a variety of educational benefit programs. Many Veterans and active duty personnel can qualify for more than one education benefits program. Go to the GI Bill website for more information.

Students using VA Education benefits must provide all prior transcripts and training records for evaluation and review.. This includes post-secondary and military transcripts. All transcripts must be provided before a student can be certified for VA benefits. ECU will evaluate these records, and when possible, grant appropriate credit for the previous education and/or training, shorten the length of the training program, and notify the student regarding the amount of credit being granted for previous training.

Chapter 30 - Montgomery GI Bill (Active Duty):

The MGIB program provided up to 36 months of education benefits. This benefit may be used for degree and certificate programs, flight training, apprenticeship/on-the-job training and correspondence courses. Generally, benefits are payable for 10 years following your release from active duty.

https://www.va.gov/education/about-gi-bill-benefits/montgomery-active-duty/

Chapter 31 - Veteran Readiness and Employment

The Vocational Rehabilitation program is for veterans who have service-connected disabilities and require further education to attain suitable, stable employment. This program may provide vocational and other training services and assistance including tutorial assistance, tuition assistance, tuition, books, fees, supplies, licensing fees and equipment and other training materials necessary.

https://www.va.gov/careers-employment/vocational-rehabilitation/

Chapter 33 - (Post 9/11 GI Bill):

This program provides VA Educational Benefits to eligible veterans and service members who served at least 30 continuous days on active duty after September 10, 2001, and to certain qualifying dependents. Tuition and fees (based on highest rate at a public institution in the state) are paid directly to the school; eligible students received a monthly housing allowance and books and supplies stipends.

https://www.va.gov/education/about-gi-bill-benefits/post-9-11/

Chapter 33T - Post 9/11 GI Bill (TEB):

The TEB is the transferability option under the Post 9/11 GI Bill which allows the Service Members to transfer unused benefits to their spouses or dependent children.

https://www.va.gov/education/transfer-post-9-11-gi-bill-benefits/

Chapter 35 - Survivors' and Dependents' Educational Assistance Program (DEA):

DEA provides education and training opportunities to eligible dependents of veterans who are permanently and totally disabled due to a service-related condition, or who died while on active duty or as a result of a service related condition. The program offers up to 45 months of education benefits. These benefits may be used for degree and certificate programs, apprenticeship and on-the-job training. If you are a spouse, you may take a correspondence course.

https://www.va.gov/education/survivor-dependent-benefits/dependents-education-assistance/

Chapter 1606 - Montgomery GI Bill Selected Reserve (MGIB-SR):

The MGIB-SR program may be available to you if you are a member of the Selected Reserve. The Selective Reserve include the Army Reserve, Navy Reserve, Air Force Reserve, Marine Corps Reserve and Coast Guard Reserve, and the Army National Guard and the Air National Guard. This benefit may be used for degree and certificate programs, flight training, apprenticeship/on-the-job training and correspondence courses.

https://www.va.gov/education/about-gi-bill-benefits/montgomery-selected-reserve/

ORIENTATION

Every student should review: the Catalog and the ECU Student Code of Conduct. The ECU catalog is available at https://www.ecok.edu/academics/catalog. The ECU Student Code of Conduct is available on line at www.ecok.edu/policies-and-handbooks. Since the Catalog explains the operation of and gives the rules of the University, the student should refer to it often. Usually a student follows the degree plan as stated in the catalog effective at East Central University at the beginning of his or her continuous enrollment. A continuous enrollment shall mean assignment of an East Central University grade on the transcript of at least one semester hour, semester after semester —excluding summer—until graduation. Additional rules to the above policies are:

a. If the student leaves East Central University and returns during a later term, continuous enrollment at any accredited institution will also be acceptable.

b. If general education requirements are completed under an East Central University Catalog at the time of the student's enrollment, the new general education requirements need not be met.

c. If the student is in attendance at East Central University when changes are made in the requirements for three components, the general education program and/or the major and/or the minor program of studies, he or she may follow the requirements of either component in effect at his or her first enrollment or he or she may choose to follow the requirements of any successive catalog provided that he or she is in continuous enrollment.

d. If a student is suspended by the University for academic reasons, he or she may return under the original catalog within a year.

e. In cases not covered by the above rules, the Provost/Vice President for Academic Affairs, in consultation with the student, will determine which catalog will be in effect for that student's graduation.

Any changes imposed by law or policies by governing regulatory boards or agencies become effective at the date specified regardless of continuous enrollment or provision stated above. East Central University would in no case be obligated to offer courses only for a student to meet degree requirements under a previous catalog. Current course offerings can be found on the course offerings schedule tab in MyECU.

Additional help in becoming familiar with the University is given during Freshmen Seminar.to beginning freshmen (students with 6 or fewer attempted credit hours, excluding remedial [0-level courses] or pre-college work and excluding credit hours accumulated by concurrently enrolled high school students). All beginning freshmen will be required to successfully complete new student orientation immediately prior to their first semester of enrollment and *UNIV 1001 Tiger Connect* in their first semester of enrollment.

East Central University has six undergraduate schools and colleges and a School of Graduate Studies. The undergraduate schools are as follows: the Harland C. Stonecipher School of Business; the School of Fine Arts; the School of Nursing; the College of Education and Psychology; the College of Health and Sciences; and the College of Liberal Arts and Social Sciences. The rules and procedures of the School of Graduate Studies are given in the section of the Catalog labeled the same. The undergraduate schools and colleges are made up of departments (for example, the Art Department and the Biology Department), which offer courses in their own academic fields.

A *course* meets a specific number of clock hours each week throughout a semester (Fall or Spring semester) or summer session. A regular semester meets for sixteen weeks. A summer session meets for eight weeks. Occasionally courses are offered as *intersession* or *accelerated* courses. Dates and times of those courses which meet less than a full term are noted in the *Schedule*. When a student makes a passing grade in a course, he or she earns the appropriate *semester hour(s) of credit.* During a regular semester, a lecture course will meet 50 minutes per week for each hour of credit being granted. Laboratory courses will meet a minimum of 120 minutes per week for each hour of credit. Class periods during shorter terms and sessions will be adjusted proportionately.

As a student accumulates hours of credit, his or her classification changes. A student is a *freshman* if he or she has earned 0-29 semester hours, a *sophomore* if he or she has earned 30-59 hours, a *junior* if he or she has earned 60-89 semester hours, or a *senior* if he or she has earned 90 or more semester hours. A student is a *post-graduate* student if he or she has earned a bachelors degree but has not earned graduate credit. A *graduate* student is one who has earned at least a bachelors degree and who earns graduate credit.

Most semester hours earned will apply toward a bachelors degree. Some semester hours apply toward *general education* requirements (courses required by the university prior to graduation which give a broad background in a variety of subject areas) while others are in the student's *major* (a field of intense specialization) or *minor* (a field of less intense specialization) areas. Additional courses taken to complete degree requirements are called *elective courses*. Some majors require minors and some do not. Students should refer to major requirements for specific graduation requirements.

Lower-division courses are generally taken during a student's freshman and sophomore years and are listed as 1000-2000 level. Some freshmen may also be required to take *pre-collegiate* level (0-level) courses during their first year of attendance. *Upper-division* courses are generally taken during a student's junior, senior, or postgraduate years and consist of 3000-4000 level courses. During the freshman and sophomore years, the student usually takes general education courses and decides on a major and minor. During the junior and senior years, the student usually takes a greater number of classes in the major and minor areas. Graduate students will enroll in *graduate courses* numbered as 5000 level. With the approval of the instructor, a senior having earned more than 99 semester hours credit may enroll in a 5000 level course. These courses, if taken for graduate credit, may not apply on a bachelors degree. Seniors, however, may not enroll in an individual study course on the graduate level. 5000 level courses must be taken for graduate credit if the student holds a bachelors degree.

A student plans his or her *course load* each semester with the help of an *advisor*. An *advisor* is an instructor in the student's major area who assists in planning the student's schedule each semester. Should a student be pursuing two majors, he or she should have an advisor in each area. The student is responsible for keeping both advisors informed on degree plans from each major.

Each student is fully responsible for meeting the requirements of the university. He or she must plan his or her own course load to suit his or her own program and goals. The student should consult the assigned advisor at appropriate times for help with and approval of his or her plans. To aid in the planning process, at the end of each semester the Office of Admissions and Records makes available the grades and hours a student has earned. When he or she becomes a junior, the Office of Admissions and Records will prepare an official *degree audit* at the student's request.

COURSE IDENTIFICATION

Department course offerings are listed in their respective school sections of the *Catalog*. The courses offered in a particular semester or term are listed in the *Schedule*. Many departments regularly post a list of courses to be taught within a few terms in the future.

A course prefix indicates the department offering the course. The first digit of a four-digit course number indicates the class level (0 is pre-collegiate; 1 is freshman; 2 is sophomore; 3 is junior; 4 is senior; 5 is graduate). The last digit of a four-digit *number* indicates the credit. ENG 2243, for example, is a sophomore course offered by the English Department for 3 hours of credit. CJSOC 4313 is a senior course offered by both the Department of Criminal Justice and the Department of Sociology for 3 hours of credit.

The digits 499 (undergraduate) and 599 (graduate) at the beginning of a course number indicate a course of individual study (directed individual study on a special subject or problem).

A *prerequisite* course is one in which a student must earn credit before enrolling in another particular course. A *corequisite* course is one in which a student must enroll concurrently while enrolled in another course. The *course description* (a brief description following the number and title) indicates any prerequisite or corequisite for a course. With the permission of the instructor, a prerequisite or corequisite may be waived.

Concurrent Graduate Study

See School of Graduate Studies - Admission Categories for details.

REGISTRATION, COURSE LOAD, AND OVERLOAD

REGISTRATION

Information concerning registration is available online at https://www.ecok.edu. Although advisors assist students and grant enrollment clearance, **each student is responsible for the correctness of his or her own course load and for seeing that it suits his or her own program.** Before registering, a student should be familiar with all degree requirements.

A student may register late but no later than the first week of a semester, the first week of a summer session, or the fifth class day of a half-semester course. Deadlines for registering in a class with an atypical schedule are determined proportional to those for a full term. Registration policies for intersession courses are unique. Specific details may be found online at https://www.ecok.edu.

A student may not be registered at both East Central University and another institution at the same time without prior approval from each institution. Overload regulations apply to students enrolling on more than one campus.

COURSE LOAD AND OVERLOAD APPROVAL

An undergraduate student should register each semester or term in a course load which meets his or her needs. Minimum loads are required for veteran's benefits, student loans, sports eligibility, and so forth. Although an undergraduate student is usually considered a full-time student if he or she takes a load of a minimum of 12 semester hours in a semester or 6 semester hours in a summer session, the normal load is 15 or 16 semester hours in a semester or 8 or 9 semester hours in a summer session. This load, regularly taken, will enable a student to fulfill the graduation requirement of 124 semester hours in 8 semesters or the equivalent. A student may register for as many as 20 semester hours in a semester or 10 semester hours in a summer session without special permission. To register for an overload of as many as 24 hours in a semester or 15 in a summer, the student must have the approval of the Dean of his or her major. Oklahoma Regents allow no more than 24 semester hours credit granted for a fall or spring semester, or 15 hours for a summer term without special approval from the university president or his or her designee. It should be noted that status for Financial Aid may be different from status for enrollment.

CHANGING A COURSE LOAD OR FORMALLY WITHDRAWING FROM THE UNIVERSITY

Changing a course load or withdrawing from the university results from the student's formally processing the transaction. See the *ECU website* at https://www.ecok.edu for specific procedures and deadlines.

A student may add a full semester course to his or her course load within the first week of classes in a semester, the first week of classes in a summer session, the first five class days of a half-semester course, or the first three days of a half summer session course. Deadlines for adding a class with an atypical schedule are determined proportional to those for a full term.

A student who formally withdraws from a course through the twenty-eighth day (five weeks plus 3 days) of a summer session or the eleventh week of a semester receives the guaranteed grade of "W" for the course. Time limits for withdrawing from a class meeting less than a full term are proportional to those for a full term.

An instructor may withdraw a student from a course he or

TAKING COURSES AND EARNING CREDIT

Given below are the ways in which a student may earn, validate, or transfer credit toward a degree or a certificate.

1. Taking a Regular Course

A student ordinarily earns credit toward a degree by selecting regularly scheduled courses. These courses are taught in classrooms on the campus or at approved off-campus locations.

2. Taking an Individual Study Course

A superior student may pursue special academic interests in consultation with an instructor outside the conventional class structure. The department chairperson and dean must approve this study, which ordinarily is from one to four semester hours for each course. Not more than nine semester hours of Individual Study courses may be applied toward graduation without approval by the Provost/Vice President for Academic Affairs.

3. Taking a Private Instruction Course

A student may earn credit for private instruction taken in selected fields from a regular faculty member with the approval of the chairperson and dean of the department offering the course.

4. Taking a Special Study Course (Advanced Standing Credit)

I. Policy and Procedures

A. Students eligible to receive advanced standing credit at East Central University must be enrolled at East Central University as a resident student.

B. Advanced standing credit awarded to a student must be validated by successful completion of 12 or more semester hours at East Central University before being placed on the student's official transcript. Successful completion is determined to be a 2.0 retention GPA.

C. Work taken at proprietary schools, secondary vocational-technical schools, institutions offering clock-hour work, other non-collegiate institutions, institutions other than accredited institutions of higher education or experiential learning, must be evaluated and validated through examination or proficiency testing on a course by course basis by East Central University. The name of the sending institution shall not appear on the East Central University transcript.

D. Learning experiences gained in other than accredited institutions of higher education must be validated on a course by course basis at East Central University by one of the following mechanisms:

1. Standardized national tests especially designed for establishment of credit, such as the College Level Examination Program (CLEP) and the Advanced Placement Program (APP) of the College Entrance Examination Board, may be used by institutions to establish advanced standing credit. Only a subject examination will be considered by East Central University. General exams are not accepted for credit. ACT scores will not be used to establish advanced standing credit.

2. Institutionally prepared examinations, including performance testing, will be used by East Central University. A list of courses in which institutionally prepared examinations are regularly available will be maintained by the East Central University Office of Admissions and Records. This list will be composed of courses submitted to the Office of Admissions and Records by the Dean of each School or College. This list will be revised at least annually. Departments may also make special guidelines or brochures consistent with these standards to inform students what courses are available by advanced standing examination and how to apply for such credits.

3. Advanced training credit awarded for military training schools shall not exceed the criteria and recommendations contained in publications of the American Council on Education especially designed for that purpose. East Central University reserves the right to evaluate military credit on a course-by-course basis.

4. Advanced standing credit awarded for business and industrial, labor union, governmental agencies and other non-collegiate learning experiences, shall not exceed the criteria and recommendations contained in publications of the American Council on Education especially designed for that purpose. East Central University reserves the right to evaluate for credit on a course-by-course basis.

5. Credit for experiential learning, including but not limited to military occupational specialties (MOS), may be granted only on a course-by-course basis in instances in which an approved academic unit at East Central University determines, on the basis of appropriate validation (i.e., not based simply on the presentation of experience), that the credit is equivalent to a course offered by East Central University.

E. Validation procedures used should:

1. be weighted in objectivity versus subjectivity to the extent that external evaluators would reach the same conclusion given the materials reviewed;

2. specify competencies sought to establish credit; methods such as comprehensive papers or structured comprehensive oral examinations with competency based questions should be used.

F. Credit may be earned by advanced standing examinations and applied to a degree program subject to meeting the residency requirements of East Central University which is 30 semester hours and subject to the availability of established procedures to validate a course. Credit earned by advanced standing will not count toward meeting the 30 semester hours residency requirements at East Central University.

G. East Central University shall require a minimum score as prescribed by the Oklahoma State Regents for Higher Education for national examinations and a grade level of C or better for examinations constructed at East Central University in order to record credit in a particular subject.

H. East Central University will award advanced standing credit only in those courses which are taught at East Central University. The neutral grade of pass (P) will be utilized to designate advanced standing credit. All credit earned through advanced standing examinations will be designated as such on the transcript.

I. Charges for administration and recording of departmentally administered advanced standing examinations shall be at the rate of $5 per semester-credit-hour. Charges for administration and recording of nationally developed advanced standing examinations shall be at the rate established by the national testing agency for the particular test in question. No other charges shall be made for the administration or recording of advanced standing credit.

J. Advanced standing credit, once recorded and validated at East Central University, is transferable on the same basis as if the credit had been earned through regular study at East Central University. Advanced standing credit recorded and validated at other accredited institutions of higher education will be accepted as if the credit had been earned through regular study at the awarding institution.

K. Advanced standing credit will not be considered as part of the regular study load for the semester or term in which the credit is recorded.

L. No graduate credit will be granted by advanced standing examinations at East Central University.

M. East Central University will administer advanced standing examinations only in those academic disciplines which are taught at East Central University. A student is not eligible to receive advanced standing credit in any course unless he or she is eligible to enroll in the course at East Central University; no student may take the advanced standing examination in any course in which he or she already has credit. No student will be permitted to repeat an advanced standing examination.

II. Compliance With Policy

This policy is in compliance with the Standards of Education relating to advanced standing credit established by the Oklahoma State Regents for Higher Education.

5. Taking an Educational Tour Course

On occasion, the University provides educational tours as special features of the academic program. These tours, at times, are entirely within the continental United States, and, in some instances, they involve travel and study in foreign countries. They are planned and conducted in a manner to make them soundly educational and wholesomely recreational. Generally they are directed by instructional departments of the University, and they provide for earning credit appropriate to the time spent and the educational opportunities afforded. Costs to the students are kept at a minimum.

6. Taking a Course via Electronic Media

A student may earn credit for courses delivered electronically at East Central University or at one of the approved off-campus locations. East Central University, having both receiving classrooms and transmitting studios, is a participating member of OneNet, the Oklahoma State Regents for Higher Education statewide instructional and communications network. This two way video and audio instructional method allows institutions to share the best available faculty and courses via Instructional Television.

A student may also earn credit for courses delivered in a web-based environment over the internet.

All Oklahoma State Regents' and institutional policies, standards, and guidelines for on-campus instruction apply to electronic instruction with the exception of course meeting time as defined in the State Regents' *Academic Calendar Policy.*

7. Auditing a Course

An applicant must qualify for admission to enroll in an audited course. A student earns no credit for auditing a course. An audit student may attend class only as an observer; he or she may not take any examinations. A student may audit a course if he or she does not plan to take it later for credit. Changing class status either to or from audit status must be done prior to the last day to enroll in the course. Fees for a class being audited are the same as if the class were being taken for credit.

8. Duplicating a Course

A student earns no credit for taking a course substantially equivalent to a course for which he or she has already received credit, regardless of whether he or she intended to duplicate work.

9. Taking Courses in Military Science

A student may apply a maximum of 24 semester hours of military science courses toward a degree.

10. Earning Credit for Military Service

Veterans or current service members may be granted credit for basic training, for formal service school courses, and for approved college-level examinations passed while in military service. Generally, the credit is granted in accordance with the recommendations of the American Council on Education (ACE). However, evaluation practices at East Central University supersede ACE recommendations.

11. Earning Credit for Prior Learning

Students may earn credit for knowledge gained through prior learning experiences. Credit is granted based on the evaluation of a portfolio prepared by the student. Prior approval for portfolio preparation must be obtained.

12. Transferring Credit for the General Education Requirement (Articulation Policy)

East Central University participates with certain other Oklahoma institutions in a reciprocal transfer agreement (the Regents' Articulation Policy). By virtue of this agreement, a student, who has completed his or her general education requirement and received an Associate degree in Arts or Science at one of the participating Oklahoma two-year colleges, may fulfill East Central University's general education requirement by transferring his or her credit to East Central University. Transferring credit for general education does not eliminate or otherwise affect any of the following East Central University requirements: (1) prerequisites; (2) specific requirements in majors, minors or related work in these areas; (3) the requirements for teacher certification. Not included in this transfer arrangement are vocational and technical two-year college programs and other programs not primarily designated for students intending to transfer to bachelor's degree programs.

13. Transferring Credit from Accredited Institutions

A student may transfer from approved institutions up to 94 semester hours of approved credit toward a degree or a program. No more than 64 hours of the transferred credit may be earned at two-year colleges. No more than 32 hours of the transferred college credit may be earned at one-year colleges. A student may transfer credit from a two-year college after he or she has earned 64 hours or from a one-year college after he or she has earned 32 hours only if the credit is in courses that are equivalent to lower-division courses at East Central University.

14. Transferring Credit from Unaccredited Institutions

After completing at least twelve hours at East Central University with a grade average of "C" or higher, a student may ask to have credits transferred from unaccredited institutions. If his or her request is approved, he or she may transfer credit generally on the basis of credit acceptance policies described in "Transfer Credit Practices of Designated Educational Institutions," a publication of the American Association of Collegiate Registrars and Admissions Officers. Credit is evaluated on a course-by-course basis and is usually granted only toward specific requirements in the general education, major and/or minor areas.

15. Oklahoma Statewide Transfer Matrix

Students transferring to East Central University may obtain information concerning course equivalencies of courses being transferred to ECU. A course transfer matrix approved by the Oklahoma State

GRADING POLICY (OSRHE POLICY 3.12, 3/23)

OSRHE LINK: Link: Link: https://www.okhighered.org/state-system/policy-procedures/part3.shtml

ATTENDANCE AND CONDUCT REQUIREMENTS; RETENTION RATES; HONOR ROLL; AND HONORS GRADUATION

Posting a Grade

Faculty members are not required to post final grades. If a faculty member chooses to post grades, safeguards must be taken in order to comply with the Family Educational Rights and Privacy Act.

Grade Appeal Policy

The University believes students should be given the opportunity to meet with instructors and department chairman to resolve issues concerning assigned grades. Student grade appeals are not intended to interfere with the instructor's right to determine the evaluation process and to perform that evaluation. Evaluation of student academic performance is the professional responsibility of instructors. However, in rare situations, students may believe that the final course grade awarded was inconsistent with stated evaluation expectations. The grade change process must be initiated no later than the first day of September for spring and summer courses, and no later than the first day of February for fall courses.

A student appealing a grade must provide written justification that includes clear and convincing evidence that one or more of the following conditions occurred:

1. An error was made in calculating the grade;
2. Standards used to determine the grade were not consistent with university policies; or
3. The Instructor departed substantially from his or her own written standards without notifying students of the change.

A final course grade appeal should be initiated only after the student has discussed the disputed grade with the instructor of the course. Students may contact instructors any time after grades have been submitted to attempt to resolve the issue. Because instructors may not be available outside semester (fall/spring) class days, the formal appeal process will begin after the start of the following semester (fall/spring). If the instructor is available and the student and instructor reach an agreement that includes a grade change, the instructor will complete the Grade Appeal form and submit it to the Office of Admissions and Records.

If an agreement cannot be reached, the student may proceed with the grade appeal procedure. The suggested timeline can be found at the end of this policy. If the contested grade prevents enrollment, the student may request the appeal process be expedited by contacting the department chair. If the chair and instructor are available and in agreement, the department chair may make an exception to the listed deadlines and agree to begin the appeal process before the start of the following semester. Although the process may be completed in fewer days, the sequence and time-frame for each step will be adhered to if needed.

NOTES REGARDING THE APPEALS PROCESS:

1. All communications will be via University email.
2. If the student does not respond to their University email from an ECU administrator by the deadline or attend a scheduled meeting, the appeal process is concluded and the grade remains unchanged.
3. The student must submit the Grade Appeal form.
4. If the instructor is no longer employed by the University, the student should contact the department chair to resolve the issue.
5. If the department chair is also the course instructor, the dean of the College/School assumes the responsibilities of the department chair.
6. The student may bring a support person to any meeting(s)/ hearing(s) regarding the grade appeal, but the support person may not participate.
7. As this is an institutional appeal, no legal counsel may be present.
8. For undergraduate grade appeals, the appropriate office is Academic Affairs. For graduate appeals, the appropriate office is the Graduate School.
9. For undergraduate grade appeals the APPROPRIATE OFFICIAL who reviews the appeal information is the Provost. For graduate grade appeals the APPROPRIATE OFFICIAL who reviews the appeal information is the Graduate Dean.

Procedure

1. The student must first contact and attempt to resolve the matter with the instructor. If an error was made in calculating the grade, for example, this may be resolved without the need for a formal appeal. The student may contact the instructor in person or via phone, but must follow-up via University email no later than the first day of September for spring and summer courses, and no later than the first day of February for fall courses. The student must give the instructor 10 days to respond. If the student cannot resolve the disputed grade with the instructor, the student must submit the following to the department chair:

    - Grade Appeal form
    - A detailed, written justification for the grade appeal that identifies which of the three conditions listed above occurred, and
    - A copy of the email to the instructor of the course.

This must be completed by September 15st for spring and summer courses, and by February 15th for fall courses.

2. The department chair must determine if the student has provided evidence that one or more of the three conditions warranting an appeal may have occurred.

    - If necessary, the chair may send the appeal back to the student stating that such evidence is not provided, and thus, cannot proceed as is. It is incumbent upon the student to provide evidence that one or more of the three conditions has occurred in order for the appeal to proceed. NOTE: If the second submission does not include sufficient evidence, the appeals process concludes and the grade remains unchanged.

    - Upon receipt of the form and acceptable written justification, the department chair forwards a copy to the instructor and schedules a meeting with the student and the instructor. The instructor may file a written rebuttal with the department chair prior to the formal meeting with the student, department chair and instructor.

3. The department chair's role in this meeting is to actively pursue a

resolution.

- If the issue is resolved, the student, instructor and department chair sign off on the appeal form, and the chair submits the appeal form to the appropriate office. If the resolution includes a grade change, the instructor completes the uncontested grade change form and submits it to the Office of Admissions and Records. The appeals process is concluded.

- If no resolution can be reached, the department chair writes a letter that summarizes the details of the meeting, clearly states their position, and sends the letter, the Grade Appeal form, the student's written justification for appeal,

4. The dean will review all appeal documents and schedule a meeting with the student, the instructor, and the department chair in an effort to resolve the matter.

- If the issue is resolved, the student, instructor, department chair, and dean sign off on the appeal form, and the dean submits the form to the appropriate office. If the resolution includes a grade change, the instructor completes the uncontested grade change form and submits it to the Office of Admissions and Records. The appeals process is concluded.

- If the appeal cannot be resolved, the dean will forward the appeal and all supporting documents, including a summary of the meeting as well as their position on the appeal to the administrator of the Grade Appeal Committee if it is an undergraduate issue and to the graduate dean if it is a graduate issue.

5. For Undergraduate Courses: The administrator on the Grade Appeal Committee will be responsible for distributing the grade appeal materials to the committee members and will call for a volunteer to chair the committee.

For Graduate Courses: The graduate dean will establish a Grade Appeal Subcommittee consisting of five (5) members of the standing Graduate Committee, select a Grade Appeal Subcommittee Chair, and distribute the grade appeal materials to the committee members.

6. The Grade Appeal Committee chair will schedule the grade appeal hearing(s), conduct the hearing(s), and will submit the committee's decision to the appropriate office within thirty (30) calendar days from the date of receipt of the appeal documents. For the student to prevail, the student's evidence weighed against the instructor's evidence must demonstrate that the instructor failed to meet one or more of the three conditions above in a clear and convincing manner.

7. Upon receipt of the committee's decision, the appropriate official will notify the student, instructor, department chair and dean of the committee's decision within five (5) class days from the receipt of the appeal decision from the committee. The decision of the committee will be final.

8. As a final level of appeal, the student or the instructor may submit a written request for a procedural review to the appropriate office. The official's review will relate to procedural matters only. The request must be submitted within five (5) class days of notification of the decision. The official has ten (10) days to review and respond to the student and/or instructor. The decision of the official is final.

Responsibilities by Party

Student Responsibilities

1. Contact the instructor via University email. The student may also contact the instructor by phone or in person, but for the purposes of the grade appeal process, the email date will be used to determine if the student met the stated deadline.
2. If there is no resolution, send the Grade Appeal form, the written justification, a copy of the contact email, and any other supporting documentation to the instructor's department chair.
3. Submit additional evidence for the appeal if requested by the chair or Grade Appeal Committee.
4. Respond to all University emails from ECU administrators.
5. Attend all requested meetings (with instructor/chair; instructor/chair/dean; Grade Appeal Committee) deemed necessary.
6. Meet all deadlines listed in the policy.

Instructor Responsibilities

1. Respond to the student when contacted.
2. If any interaction with the student results in a grade change, submit the Uncontested Grade Change form to the Office of Admissions and Records.
3. Respond to the grade appeal with a rebuttal if desired.
4. Respond to request for information from the chair, dean, and/or Grade Appeal Committee.
5. Attend all requested meetings (with student/chair; student/chair/dean; Grade Appeal Committee) deemed necessary.

Department Chair Responsibilities

1. Determine if the appeal includes sufficient evidence that one or more of the three conditions may have occurred.

    a. If not, return to the student for additional information. If second submission is not acceptable, notify the student that the appeals process has concluded.

    b. If so, forward the documents to the instructor and schedule a meeting with the student and the instructor.

2. Meet with the student and instructor to actively pursue a resolution.

    a. If resolved, have all parties sign the grade appeal form and submit to the appropriate office.

    b. If no resolution can be reached, write a letter which summarizes the meeting and forward all documents to the dean of the contested course.

3. Meet with the student, instructor, and dean deemed necessary.

Dean Responsibilities

1. Schedule a meeting with the student, the instructor and the department chair.
2. Actively seek a resolution
3. If resolved, have all parties sign the grade appeal form and submit to the appropriate office.
4. If no resolution can be reached, write a letter which summarizes the outcome of the meeting and forward all documents to the graduate dean.

Grade Appeal Administrator Responsibilities

1. Distribute the grade appeal materials to the committee members.
2. Call for a volunteer to chair the committee.
3. Meet all deadlines listed in the policy

Graduate Dean Responsibilities
1. Select a Grade Appeal Subcommittee and assign a chair
2. Distribute all appeal documents to the subcommittee chair.
3. Notify the student of the Subcommittee's decision. A copy of the letter should be sent to the instructor, chair, and dean.
4. If the student or instructor appeals on procedural grounds, review and notify the student or instructor of the graduate dean's decision.
5. Meet all deadlines listed in the policy.

Grade Appeal Committee Chair Responsibilities
1. Schedule a Grade Appeal Committee meeting after all members have had an opportunity to review the materials. Identify questions that need to be addressed. Request any additional material (s) that may be needed.
2. Set the hearing date(s), reserve a room, contact and invite the student, the instructor, and any relevant witnesses.
3. The course instructor is not required to attend the hearing(s), and they cannot be present while the student is presenting their case to the Grade Appeal Committee. However, the instructor is wel come to present their position regarding the matter (if they choose)
   - If no resolution can be reached, the department chair writes a letter that summarizes the details of the meeting, clearly states their position, and sends the letter, the Grade Appeal form, the student's written justification for appeal, after the student has presented their case to the Grade Appeal Com mittee.
4. Record all testimony (but not the deliberations).
5. Write a summary letter with committee recommendation to the appropriate official. Include an attachment that lists all evidence that was examined as well as the official Grade Appeal. For the student to prevail, the student's evidence weighed against the instructor's evidence must demonstrate that the instructor failed to meet one or more of the three conditions above in a clear and convincing manner.
6. Meet all deadlines listed in the policy.

Grade Appeal Committee Member Responsibilities
1. Review all documentation of the grade appeal.
2. Attend all meetings and hearings.
3. After reviewing all of the evidence, deliberate and make a decision regarding the appeal. For the student to prevail, the student's evidence weighed against the instructor's evidenc must demonstrate that the instructor failed to meet one or more of the three conditions above in a clear and convincing manner.
4. Meet all deadlines listed in the policy.

Provost Responsibilities
1. Notify the student of the committee's decision. A copy of the let ter should be sent to the instructor, chair, and dean.
2. If the student or instructor appeals on procedural grounds, review and notify the student or instructor of the provost's decision.
3. Meet all deadlines listed in the policy.

Suggested Deadlines for Fall/Spring

September 1/February 1	Student contacts instructor about the grade in question.
September 15/February 15	If a resolution cannot be reached a Contested Grade Change form must be submitted by the student.
End of September/February	Student had met with both instructor and department chair.
Mid October/March	Dean reviews all materials and then meets with all parties.
Mid April/November	Appeals committee has all materials and sets hearings.
Mid May/December	All materials have been sent to the appropriate official and notification will be sent to the student by the end of the month.

Grade Point Average

Grade point numerical values are: A is 4; B is 3; C is 2; D is 1; F is 0; WF is 0; and I is 0. Incomplete grades assigned prior to Fall 1993 were computed as F in grade point average calculation. Incomplete grades assigned Fall 1993 or later are disregarded in figuring a grade point average. A grade point average is computed by multiplying the grade points earned in each course by the semester hours of that course, adding the results for each course, and dividing the total by the total credits attempted. 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 GPA, up to a maximum of four (4) courses or eighteen (18) hours, not to exceed eighteen (18) hours, in courses in which the original grade earned was a "D" or "F." The first attempt shall be recorded on the transcript with the earned grade. The second course with its grade will be 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 and graduation GPAs. 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 and graduation GPAs. Students repeating courses above the first 4 courses or 18 hours of "Ds" or "Fs" repeated may do so with the original grades and repeat grades averaged. The figure calculated is then rounded to the nearest one-hundredth. For example, 1.594 is 1.59, and 1.595 is 1.60. The grades "P", "N", "AU" and "W" are disregarded in figuring a grade point average.

(NOTE: This East Central University policy is based on the State Regents' *Grading Policy* and is subject to review and modification by the Oklahoma State Regents for Higher Education.)

Transferring Grades

A transferred grade other than A, B, C, D, F, and WF has a value as close as possible to the one assigned by the institution where it was earned. A grade from an institution using a different grading system is given the value of a comparable grade at East Central University.

Attendance Requirements

Individual instructors determine the degree that tardiness and absence from class affect a student's grades and his or her ability to continue attending their classes. Makeup work, if it is permitted, also is done under conditions set by the instructor. Instructors notify students of their policies in each of their courses at the beginning of each semester or term.

Conduct Requirements

Students are expected to abide by the laws and norms of society, the rules of the University, and the rules issued by the Regional University System of Oklahoma board (see *Student Handbook*).

English Proficiency Requirement for Faculty

Instructors at East Central University are required to meet minimum English Proficiency standards. The Oklahoma State Legislature requires all public schools to establish and abide by a set of standards.

East Central University's policy is printed in the Faculty Handbook. If a student feels a complaint should be filed in reference to an instructor's English Proficiency, he or she may do so in the Office of the President of the University.

Retention Rates

Upon request, prospective and enrolled students may receive from the University a description of retention rates in terms of East Central University's enrollment patterns and types of students.

Deans' and President's Honor Rolls

The names of undergraduate students doing exceptional academic work are published each semester and are entered on the permanent honor rolls. To be eligible for this honor in a particular semester, a student must complete at least twelve regular-graded semester hours (grades of A, B, or C), must meet the minimum GPA requirement, must have earned no grade lower than "C" that semester, and must not have received an "I" in that semester. If he or she earns a grade point average of 3.3 or higher that semester, his or her name is placed on the Deans' Honor Roll. If he or she earns an "A" in all courses that semester (4.0 GPA), his or her name is placed on the President's Honor Roll.

Graduating with Honors

A bachelors degree candidate with a total grade point average and an East Central University grade point average, will receive the following achievement status:

Levels of Academic Achievement

1. Graduating with Academic Achievement (3.5 - 3.79)
2. Graduating with High Academic Achievement (3.8 - 3.99)
3. Graduating with Highest Academic Achievement (4.0)

Averages are rounded to the nearest one-hundredth.

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Averages are rounded to the nearest one-hundredth.

RECORDS, GRADUATION, AND PLANNING FOR GRADUATE SCHOOL

Student's Records

The academic record of anyone admitted to the University is confidential, subject to his or her own examination and to the official use of the University in compliance with the Family Educational Rights and Privacy Act.

Transferred records for a student planning to graduate from East Central University are recorded complete. Those records for a student planning to transfer to another institution may not be recorded in detail. If a transfer student holds a degree, the degree is noted, but the courses may not be. Records of graduate courses are recorded if they apply toward a degree or certificate program at East Central University.

A person who has no delinquent obligations to the University may have official transcripts of his or her academic records delivered to himself or herself or mailed wherever he or she requests. The transcript is a copy of the complete official scholastic record of a student. Partial or abridged transcripts are not issued. East Central University has retained Credentials Solutions to accept and process transcript orders. The transcript order form is available in MyECU or may be accessed via www.ecok.edu. Pricing and payment options are detailed on the order form. If you are unable to submit your request via the internet, you may contact Credentials Solutions at 847-716-3005 to order transcripts. There is an additional operator surcharge for placing orders over the telephone.

Graduation

A student planning to graduate must file an electronic degree application by the dates published on the ECU website at https://www.ecok.edu. Students qualifying for two degrees during the same semester must make two separate applications. Students receiving two majors but only one degree will apply once. See Office of Admissions and Records personnel with questions.

Graduation exercises are held at the end of the spring and fall semesters. A student completing degree requirements at the end of the fall semester will attend the fall commencement exercises. A student completing degree requirements at the end of the spring semester will attend the spring commencement exercises. A student completing degree requirements at the end of the summer term will attend the commencement exercises in the spring prior to completing degree requirements. All students must pay a graduation fee prior to the degree being conferred.

Planning for Graduate School

The student who plans to pursue graduate study, whether at East Central University or elsewhere, should start planning for graduate school while an undergraduate at East Central University. As early as possible, he or she should request counseling from the graduate school he or she expects to attend, study the graduate school's catalog, and plan his or her undergraduate work to suit the graduate school's admission requirements.

LIBRARY, AUDIOVISUAL RESOURCES, COMPUTER LABORATORIES, COMPUTER USE POLICY, WRITING CENTER, HIGH SCHOOL MEETS, INTERNATIONAL STUDENT PROGRAM AND SERVICES, GLOBAL EDUCATION PROGRAM, NATIONAL STUDENT EXCHANGE PROGRAM, AND ACADEMIC SUCCESS CENTER

Linscheid Library

The East Central University Library dates from the founding of the institution in 1909. A new library facility, completed in 1997, continues the tradition begun in 1949 of naming the East Central University library after Dr. Adolph Linscheid, President of ECU from 1920 to 1949. The Linscheid Library includes stacks, reading, study, and lounge areas, carrels, and rooms designed for library instruction, collaborating, and group study.

The library resources include a carefully selected collection of more than 600,000 books, scholarly and popular periodicals and newspapers, government documents, pamphlets, and microfilm materials. A variety of electronic databases are available for student and faculty use. Photocopy, microform, and fax scanners are available free of charge.

To supplement the collection, the Linscheid Library offers Interlibrary Loan services which enable East Central University students and faculty to borrow books and receive articles from other libraries nationwide.

The James Thompson Special Collections Room is housed on the top floor and contains a number of valuable resources, with emphasis on local and regional history and culture.

The Library maintains a growing collection of video material to support the curriculum of the university. In addition, projection equipment, audio recording devices, television monitors and other hardware are available for classroom use. Other services such as large-format printing, media transfer, and duplicating are also offered to the East Central University community.

Computer Use Policy

The East Central University campus network is available to all faculty and staff and to students enrolled in at least one credit-earning class. Services available include campus E-Mail, access to Internet and the use of a variety of software applications. The purpose of the network is to support the education mission of the University. To this end, the following activities are prohibited:

- Any for-profit activity that will benefit the user or any other party.
- Any attempt to use any other person's password or to use any password other than the one assigned to the user, unless so directed by a member of the university faculty or staff.
- Violation of the Oklahoma Computer Crimes Act, copyright laws and other Oklahoma or federal statutes.
- Universities are being targeted by entities such as the Recording Industry Association of America, which operates under the assumption that students illegally download music and videos. As such, we "search" for illegal sharing of music or videos and block the users' account and access to our network if found.
- All behavior and activities prohibited by University policy.

The password of any individual violating any of the above provisions may be voided and future access to the network may be denied pending a review and hearing by the Office of Academic Affairs. All individuals denied access to the network may appeal the decision to the Provost/Vice President for Academic Affairs. The decision of the Vice President will be final.

Computer Laboratories

Student access and use of a variety of computer applications is an important part of East Central University campus life. Computer laboratories are available for course work for enrolled students. These labs have flexible hours and frequently have a person available to offer assistance. One of the features that comes with enrollment at East Cen-

tral University is individual access to the campus computer network. Each semester, enrolled students are given an account that will allow them to use computer laboratories and email. A wireless option is also available. Word processing and electronic spreadsheets are typical of applications available to all students. Students, faculty, and staff are able to send and receive messages, store data on the computer servers, and access the Internet.

High School Meets

The annual interscholastic meet affords competition for high schools in many academic areas. The University also sponsors a high school invitational basketball tournament and highschool meets in speech, music (vocal and instrumental), science, engineering, history, and English.

International Student Program and Services

The Office of International Student Program and Services (ISPS) provides core services to international students, visiting scholars, faculty, and academic departments at East Central University. ISPS provides advice, information, and referrals on matters such as immigration regulations, US employment authorization, taxation, financial matters, and educational concerns. ISPS provides admission assistance and advising for F-1 students, as well as for other visa holders, non-US citizens, and naturalized citizens. In conjunction with the University's Global Education Program, ISPS assists in the recruitment of students from a variety of foreign countries and administers the transfer of international students in accordance with the University's strategic enrollment plan. Students can receive assistance with problems related to social and personal adjustments to a new culture, as well as practical matters related to living in the United States through the Office of ISPS. Lastly, ISPS represents the concerns and needs of international students to the University community. Students, visitors, and employees can connect to our office through in-person advising, phone and e-mail, attending programs, receiving e-mail announcements, and by visiting our website.

Global Education Program

Having an understanding of different ethnic groups and their cultures, philosophies, and traditions is vital to being successful within the business, technological, or political arena in today's global world. To help East Central University students gain such experience first-hand and to develop cross-cultural competencies, partners in higher education from throughout the world are actively sought in order to develop student and faculty exchange programs along with other educational connections. ECU's students also have an opportunity to travel and study internationally through a number of exchange programs with the University's sister institutions in France, Russia, and Ukraine, as well as with partners in Wales, Spain, China, and other countries of the world. For more information please check the Global Education website http://www.ecok.edu/academics/global-education.

Academic Success Center

The Academic Success Center is responsible for assessing, advising and enrolling all beginning freshmen, first-time transfer, and concurrent students. The Center provides professional development for faculty advisors. It also serves as an information, resource, referral and customer service center for all ECU students needing current information about academic rules and regulations. Located in the Spencer Administration Building, the Center also provides assessment testing and College Level Placement (CLEP) testing.

THE HONORS PROGRAM

The Honors Program embodies high ideals of academic excellence through which students are provided challenging college experiences and enriched opportunities. Honors students are nurtured through vibrant and distinctive seminar-type classes which are mature in scope, content and student application. An Honors course does not accomplish this by simply increasing the quantitative workload beyond that expected of a non-honors student, but by establishing an environment of scholarly interchange between students and faculty.

The Honors Program is coordinated by the Honors Board which is composed of five faculty members, the Honors Director, the Provost/Vice-President for Academic Affairs, The Honors Student Association faculty sponsor, and one student. This governing board determines student admission standards and establishes policy for the Honors Program. Students may qualify for admission in a number of ways:

1. Incoming students with a high school GPA of at least 3.5 and a composite ACT score of at least 26 are invited by the Honors Board to apply for admission to the Honors Program. Students whose scores do not meet these criteria may apply for special consideration. Each application will be considered on a case-by-case basis.

2. Continuing students who have demonstrated a high level of skill, talent, and intellect in pursuit of college credit and who have a minimum overall Grade Point Average of 3.3 or higher are also invited to apply for admission to the Honors Program.

I. University Honors Requirements 21 hours

The Honors Program consists of Honors courses offered throughout the student's college career. Students should enroll in one Honors course per semester to make satisfactory progress and maintain good standing. A student who wishes to graduate from an ECU bachelor's program with University Honors must complete the following coursework:

A. General Education Honors 12 hours
These courses are linked, sequential, liberal arts seminars.
HNRS 1213 Enduring Questions: Perspectives from the Humanities (G1);
HNRS 1313 Enduring Questions: Global Perspectives (G2);
HNRS 2213 Enduring Questions: Perspectives from Science (G4);
HNRS 2313 Enduring Questions: Perspectives from Rhetoric and Research (B, ENG 1213),
Incoming students who have already completed Freshman Composition Two before enrolling at ECU have the option of completing an additional Honors Project instead of completing HNRS 2313.

B. Engagement Honors 3 hours
May be satisfied by study abroad, an OSLEP seminar, summer research, an Honors-enhanced internship, or other approved on or off-campus educational opportunity.

C. Research Honors 6 hours
Six hours of honors coursework within the student's academic major.
1. Two-semesters of Thesis: HNRS 4993 Thesis Research *and* HNRS 4993 Thesis Writing/and Defense; **OR**
2. Two approved Honors Projects in upper-division courses.

II. Department Honors Requirements 9 hours

Upper-division and transfer students may be admitted to the Honors Program and graduate with Departmental Honors. Students must complete the following coursework:

A. Research Honors 6 hours
Six hours of honors coursework within the student's academic

major.
1. Two-semesters of Thesis: HNRS 4993 Thesis Research *and* HNRS 4993 Thesis Writing/and Defense; **OR**
2. Two approved Honors contracts in upper-division courses.

B. Engagement Honors 3 hours
May be satisfied by study abroad, an OSLEP seminar, summer research, an internship, or other approved on or off-campus educational opportunity.

Grade Point Average Requirements

Honors students are expected to maintain an overall Grade Point Average of 3.3 and an "A" or "B" in Honors coursework. Honors students whose GPA falls below 3.3 or who receive less than "A" or "B" in Honors coursework will be placed on academic probation from the Honors Program. After one probationary semester, a GPA of less than 3.3 will suspend the student from Honors study and Honors housing and the student must petition for readmission.

Honors Graduation

Honors courses are designated as such on the student's transcript.

Students who complete the Honors program requirements will receive appropriate recognition at commencement and an honors designation will be indicated on their transcript and diploma.

In addition, Honors graduates with exceptional grade point averages will receive the following achievement status:

Levels of Honors Academic Achievement

1. University Honors with Academic Achievement (3.5 - 3.79)
2. University Honors with High Academic Achievement (3.8 - 3.99)
3. University Honors with Highest Academic Achievement (4.0)

Departmental Honors graduates will receive recognition at the same levels of achievement as shown above.

Students wishing to enroll in a single Honors course or wishing to complete all requirements for graduation with Honors must be formally admitted to the Honors Program. Questions about the program should be directed to the Honors Program Director.

STUDENT HONOR SOCIETIES AND AWARDS, AND DISTINGUISHED PROFESSORS AND ALUMNI

Student Honor Societies

Alpha Chi National Honor Scholarship Society
Juniors and seniors having a cumulative grade point average of 3.5 or higher are eligible to apply for membership in this society. If accepted, they become members for life.

Alpha Phi Sigma
A national criminal justice honor society which recognizes criminal justice majors who have at least a 3.2 GPA.

Alpha Psi Omega
Membership in this national and Canadian honor society is open to students who achieve high standards in dramatics.

Beta Beta Beta
Honor society for students majoring in biology.

Delta Mu Delta
Delta Mu Delta is an international honor society in business that recognizes and encourages academic excellence of students at qualifying colleges and universities to create a community that fosters the well-being of its individual members and the business community through life-time membership. Membership is open to junior and senior business administration and accounting majors in the top 20% of their respective class. Delta Mu Delta graduates are recognized at graduation with honor cords.

Epsilon Nu Eta
Each student candidate must be an Environmental Health Sciences major and have one full academic year of residence at this university and a grade point average of 3.0. If junior standing, upper 1/4 class rank, completion of at least 15 credit hours of Environmental Health Sciences courses, and at least a "B" average in all Environmental Health Sciences courses. If Senior standing, upper 1/3 class rank and completion of at least 21 credit hours of Environmental Health Sciences courses.

Gamma Sigma Epsilon
Chemistry honor society with the goal to inspire proficiency and interest in chemistry at East Central University. Admission to Gamma Sigma Epsilon requires a 3.0 GPA and 12 hours of college level chemistry.

Gamma Theta Upsilon
Geography honor society that encourages the emphasis of geographical education.

Kappa Kappa Psi
Kappa Kappa Psi is an honorary, co-educational Band service fraternity.

Lambda Epsilon Chi
The National Paralegal/Legal Assistant Honor Society recognizes legal studies students who have demonstrated superior academic performance. To be eligible for membership, a legal studies major must have a cumulative grade point average of 3.5 or above and completed two-thirds of the legal studies major requirements (83 of 124 semester hours).

Phi Alpha
Juniors and seniors having a cumulative grade point average of 3.25 or higher are eligible for membership in this social work society.

Phi Alpha Theta
Membership in this history honor society is open to any student with 12 hours in history courses, 3.1 GPA in history courses, and a 3.0 cumulative GPA in 2/3 of remaining course work.

Pi Kappa Delta
The purpose of this national honor society is to promote interest in debate.

Pi Mu Epsilon
The National Mathematics Honor Society with membership by invitation only, based on grade point average.

Pi Sigma Alpha
The National Political Science Honor Society is open to all students with at least 10 hours of Political Science course work and a 3.0 retention grade point average.

Pi Upsilon Omicron
Membership to this honor society is for Sophomore/Junior level Family Consumer Sciences major that have a 3.0 cumulative GPA

and part of the top 30% of HHFS majors.

Psi Chi

The International Honor Society in Psychology is open to students who are declared majors or minors in Psychology and have completed three semesters of college, with 9 semester hours of psychology and a 3.0 grade point average in Psychology courses and cumulative grades. Graduate students with a 3.0 cumulative grade point average in all graduate courses are also eligible to apply for membership.

Sigma Pi Sigma

Sigma Pi Sigma is a national physics honor society. Students elected to membership must attain high standards of general scholarship, good character, and outstanding achievement in physics. Sigma Pi Sigma is the official honor society of the physics profession and is an affiliated society of the American Association for the Advancement of Science and the American Institute of Physics. Three courses in physics must be completed to apply as well as a 3.0 GPA in physics.

Sigma Tau Delta

The purposes of this international English honor society are to confer distinction for high achievement in English language and literature, to provide cultural stimulation on the college campus, and to encourage creative and critical writing. The ECU chapter, established in the spring of 1982, is Upsilon Pi.

To be eligible for membership, a student must have a cumulative grade point average of 3.0 or above and a grade point average of 3.0 or above in all English courses taken, and must have completed at least two courses beyond the freshman level. For purposes of membership, Humanities 2413 counts as an English course.

Student Honor Awards

Black's Sportsmanship Award

The Black's Men and Boy's Wear offers an award to an athlete lettering in one of the sports for the current year. This award will be based upon the sportsmanship shown by the student both in practice and in matched competition.

Business Scholar Leaders Award

Kellogg & Sovereign Consulting, LLC has partnered with the Stonecipher School of Business to establish the Business Scholar Leaders Program. Junior students are selected through a scholarship application process to join Business Scholar Leaders. Selected students participate in special scholar courses, special campus events, and travel to New York City (Wall Street) and other locations of interest to reward the highest level of business education. Freshman students with high academic standing are invited to participate in the Freshman Business Scholar Program. Business Scholar Leader graduates are recognized at graduation with honor cords.

Raymond Estep Award

Freshman, sophomore and junior students who have the highest grade point average, will receive credit toward any East Central University fee, including room, board and books not paid by any other award source. The awards will be about $400-$500 each. Ties will be settled according to published guidelines.
This is given by Dr. Raymond Estep (1937), former East Central University Foundation Inc., trustee and distinguished alumnus.

First National Bank and Trust Company Award

The First National Bank and Trust Company, Ada, offers annually a cash award of $250 to the student who is voted by the faculty to be the most useful member of the student body of the institution. Usefulness includes scholarship, participation in wholesome activities, and general value to the University.

Gem Credit Jewelers Award

Gem Credit Jewelers of Ada offers annually an award to the most valuable athlete, the individual to be chosen by the university committee on athletics.

George Nigh Award

Julian Rothbaum annually offers this award in honor of Governor George Nigh to a graduating senior having excellent scholastic records and good character who shows potential for contributing to public service. The recipient is honored at a reception, is given an individual plaque, has his or her name engraved on a permanent plaque, and is given $500.

Gordon Harrel Award

The Gordon Harrel Award, presented to an outstanding student in the Geography Department, is given in honor of Mr. Gordon Harrel, a former faculty member of East Central University.

Linscheid Award

The name of the outstanding debate student for each year is placed on a plaque provided in the honor of the late Dr. A. Linscheid, President of East Central University. This award is made possible through the Pi Kappa Delta Speech Fraternity and a gift by General Ira C. Eaker.

School Spirit Award

The School Spirit Award is given by the East Central University Bookstore each year to the young man and young woman who have exhibited and engendered the most wholesome East Central University spirit during the year.

Student Government Officer's Awards

Certificates and plaques are awarded to members of the Student Senate and the Honor Court for faithful performance of duties.

Top Ten Freshman Award

Sponsored by Student Senate. Given in the fall to ten sophomores based on the merits of their freshman year record and activities.

Top Ten Senior Award

Sponsored by Student Senate. Given in the fall to ten seniors based on their previous three years academic and involvement records.

Wal-Mart Scholar Athlete Award

Wal-Mart enterprises offers annually an award to the outstanding male and female graduating senior scholar athlete. The student must have earned at least two letters in any varsity sport and have a grade point average computed on seven semesters or the equivalent.

Who's Who Among Students in American Universities and Colleges

The Student Achievement Committee makes the final decision of the selection of Who's Who in American Universities and Colleges. Nominations are made in the fall by faculty, organizations, or individual students. The selected students must be of junior, senior, or graduate rank and have an accumulated grade point average of at least 3.0.

Other Awards and Honors

Other awards and honors are given for meritorious achievement in academics, athletics, and other areas. Most of the regularly enrolled students are eligible for these various honors. Formal presentations are made each spring in a special awards assembly.

S. C. Boswell Professor

The S.C. Boswell Memorial Charitable Trust was established by Sara Boswell and Jane Boswell Maher to "attract and hold outstanding faculty members" in the Harland C. Stonecipher School of Business. The trust provides an annual stipend to the S.C. Boswell Professor, and funds the S.C. Boswell Lecture Series. These lectures, which are on current topics in business, are open to students, faculty, and the community.

Oscar L. Parker Center for the Advancement of Ethical Standards in Business and Society

In 1988 a trust agreement was entered into with East Central University establishing the Oscar L. Parker Center for the Advancement of Ethical Standards in Business and Society as a fitting and lasting memorial to Oscar L. Parker, a highly respected educator, businessman, college administrator, and civic leader of Ada, and an active supporter and long-time employee of ECU. In addition to creating the Center and providing a yearly operating budget, this endowment also established the Oscar L. Parker Professorship at ECU. The holder of this professorship acts as Director of the Center.

The overall purpose of the Parker Ethics Center is to provide a forum for the presentation of issues involving business and societal ethics of interest to the business and academic community, as well as the general public. The Director acts as spokesperson for the Center and serves in the capacity of speaker and presenter to civic organizations, high school assemblies, and other organizations on relevant ethical issues. In addition, the Center sponsors an annual workshop or conference on the subject of ethical standards in business and society, and houses a small library for studies of ethical issues by students and faculty.

COMMUNICABLE DISEASE, GRIEVANCE, AND SEXUAL HARASSMENT POLICIES

Communicable Disease Policy

It is the general policy of the University that applicable state and federal laws pertaining to contagious or infectious diseases, all matters of public health, as well as those governing discrimination and privacy shall be appropriately observed and followed in its operation. All University personnel are expected to cooperate with authorized public health officials in resolving threatening situations which may arise. Recent events have brought attention to numerous communicable diseases including AIDS, H1N1 Flu, bacterial meningitis, mumps, measles, and rubella.

Critically important is an increasingly large body of information that clearly demonstrates that AIDS is not transmitted by any form of casual interpersonal contact. The causative virus is actually surprisingly fragile, and does not survive and multiply in the air, on inanimate objects, or on environmental surfaces. It does not swim across pools or fly. Medical research studies in households and schools have demonstrated convincingly and repeatedly that the risk of transmission of AIDS is exclusively that of intimate sexual contact, mother to child, shared needles and that transmission in an ordinary *academic, domestic*, or *work* setting does not occur. It is known that HTLV-III is present in the blood of most people with AIDS and AIDs related illnesses, and in some who are healthy carriers; thus, exposure to contaminated blood by sharing needles is dangerous. That many Americans continue to believe that AIDS can be acquired from a drinking glass, toilet seat, or one's casual companion undoubtedly reflects not just misinformation, but fear.

Current knowledge thus indicates that college and university students or employees with AIDS, AIDs related illnesses, or a positive HTLV-III antibody test do not pose a health risk to other students or employees in a usual academic or residential setting. The Public Health Service has stated that there is no risk created by living in the same house as an infected person, caring for an AIDS patient, eating food handled by an infected person, being coughed or sneezed on by an infected person, casual kissing, or swimming in a pool with an infected person.

Education and communication form the basis of the institution's strategy for dealing with the issues raised by communicable diseases on campus. Based on current medical findings and recommendations of the American College Health Association, the Federal Centers for Disease Control, and the Oklahoma State Department of Health Bulletin, East Central University has established administrative guidelines and educational strategies for students, faculty and/or staff with serious communicable diseases. The University recognizes that no single policy statement can govern every situation which may arise; thus, individual cases shall be considered on their own needs and merits. The University will continue to develop and review guidelines, educational programs, and resources to meet the needs of all its students and employees.

Institutional Policy Statement and Procedure on Serious Communicable Diseases

I. Campus Life

A. Individuals with a serious communicable disease should have the same rights as any other person - free of discrimination on the basis of their infection, but will comply with University policy and procedures contingent on medical recommendations. Individuals seeking reasonable accommodations originating from a documentable disease must register with the Office of Testing and Accessibility Services so that said accommodations may be provided.

B. *Housing*
On campus housing will be made available to persons with communicable diseases under the same conditions as applicable to any individual, but will comply with federal, state, local, and University policy and procedure in relation to the disease. Requests by the infected individual for unique accommodations will be given every reasonable consideration, where possible, to meet the special housing needs of that individual. Precautions will be taken on the advice of appropriate public or private health science professionals.

C. *Class Attendance and Laboratories*
Laboratory instructors, workers, and students should follow safe procedures that would prevent transmission of body fluids. In the event of laboratory accidents that

break the skin, precautions should be exercised to prevent transmission of body fluid. Laboratory procedures that involve blood samples, muscle biopsies and other biological materials should be collected and handled with care using recommended procedures. All departments should develop guidelines for laboratory procedures when dealing with communicable diseases.

D. *Athletic and Sports Activities*
Persons with communicable diseases should seek counseling concerning participation in athletic or sports activities. Sports activities can result in bleeding or open wounds. Individuals coming into contact with such injuries in any way should use utmost caution. Procedures should be developed by all departments to cover such incidents.

E. *Food Handling*
Persons involved in the preparation or serving of food or beverages should maintain current health certificates and follow current health standard recommendations. Persons identified as having a communicable disease will abide by federal, state, local, and University procedures in the performance of their duties.

II. Counseling and Health Services

A. East Central University will make all reasonable effort to provide referral for students, faculty and/or staff for counseling or health services in community and state agencies. The Student Development Office, Counseling Center, Health Services and Disability Services will maintain information regarding sources of assistance available to students, faculty and staff.

B. *Confidentiality*
Confidentiality must be carefully maintained in accordance with all legal requirements. The patient's right to confidential treatment should be protected and the associated medical records should be kept confidential in accordance with existing institutional and legal requirements. East Central University will make all reasonable efforts to insure that such information is kept confidential. In addition, other University personnel will be made aware of the necessity for confidentiality.

III. Responsibility of Individual Infected with Communicable Diseases

East Central University emphasizes that individuals who know they have a communicable disease have a special responsibility to protect others from this infection. This responsibility includes appropriate conduct in situations where the infection could likely be transmitted. Behavior contrary to this responsibility may be considered as cause for disciplinary action by the University.

IV. Special Needs

The future may require difficult decisions concerning the rights of the individual having a communicable disease, the need for medical or psychological assistance to the infected individual, and the protection of the welfare of the larger community. To facilitate such decision making and to provide academic counseling or health care needs, University staff members may find it necessary to seek the assistance of a limited number of key University personnel. Such consultation will take place only with the consent of the student or employee involved, unless consent is refused and inaction is judged to endanger the welfare of others. In all cases, steps will be taken to protect the identity of those involved and utilize only data pertinent to the decision making process.

Student Grievance and Complaint Policy

ECU aims to provide a supportive campus culture that promotes student learning and development. However, should the need arise, students may file complaints with appropriate institutional officers. Complaints are typically addressed to the individual most directly involved with the complaint. A student should attempt an informal resolution with the appropriate faculty member, staff member or administrator. If the issue cannot be resolved at the level to which the complaint is made, it may be referred to the next higher level. The President may overrule any and all decisions. Also, any complaint filed directly with the President will then be processed through the appropriate administrative channels to attempt resolution prior any final action. Students may request contact information from institutional officers to file a complaint with the appropriate state agency of the institution's accrediting body.

Sexual Harassment Policy

Section 1. Purpose

The Regional University System of Oklahoma Board places a very high priority on each university governed by the Board maintaining a learning and work environment free from sexual harassment. Sexual harassment is recognized as a barrier to the educational, scholarly and research purposes of the universities governed by the Board, and will not be tolerated. Such conduct threatens the mission of the universities governed by the Board, and threatens the careers, educational experience, and well-being of students, faculty and staff.

Sexual harassment is especially serious when it threatens relationships between teacher and student or supervisor and subordinate. In such situations, sexual harassment exploits unfairly the power inherent in a faculty member's or supervisor's position. Through grades, wage increases, recommendations for graduate study, promotion, and the like, a teacher or supervisor can have a decisive influence on a student's, staff member's or faculty member's career at a university and beyond.

While sexual harassment most often takes place in situations of a power differential between the parties involved, the Board also recognizes that sexual harassment may occur between persons of the same university status. The Board will not tolerate behavior between or among members of the university community which creates an unacceptable working or educational environment.

Section 2. Definition/Prohibited Acts

No faculty, administrative, support employee, or student of any university governed by the Board shall engage in sexual harassment. For the purposes of this policy, *sexual harassment* is defined as unwarranted sexual advances, requests for sexual favors, or verbal or physical conduct of a sexual nature when:

a. Submission to or rejection of such conduct is made explicitly or implicitly a term or condition of instruction, employment, status or participation in any course, program, or other university activity;
b. Submission to or rejection of such conduct is used as a basis for evaluation in making academic or personnel decisions affecting an individual; or
c. Such conduct has the purpose or effect of unreasonably interfering with an individual's work or educational

performance, or of creating an intimidating, hostile or offensive environment for work or learning.

Section 3. Examples of Sexual Harassment

Sexual harassment encompasses any sexual attention that is unwanted. Examples of the verbal or physical conduct prohibited by Section 2, above, include, but are not limited to:

a. Physical assault;
b. Direct or implied threats that submission to sexual advances will be a condition of employment, work status, promotion, grades, participation in a university academic program, or letters of recommendation;
c. Direct propositions of a sexual nature;
d. Subtle pressure for sexual activity, an element of which may be conduct such as repeated and unwanted electronic communications or staring;
e. A pattern of conduct (not legitimately related to the subject matter of a course if one is involved) intended to discomfort or humiliate, or both, that includes one or more of the following, (1) comments of a sexual nature, or (2) sexually explicit statements, questions, jobs, or anecdotes; and
f. A pattern of conduct that would discomfort or humiliate, or both, a reasonable person at whom the conduct was directed that includes one or more of the following, (1) unnecessary touching, patting, hugging, or brushing against a person's body, (2) remarks of a sexual nature about a person's clothing or body, (3) remarks about sexual activity or speculations about previous sexual experience, or (4) exposure to sexual jokes or anecdotes, or printed or visual material of a sexual nature.
g. Any instance of sexual harassment should be reported to the Director of Employment Services, Room 160, Administration Building or the Dean of Students, Room 103, Administration Building.

Section 4. University Education and Grievance Procedure Requirements

Each university governed by the Board shall promulgate and implement ongoing educational programs and grievance procedures to aid in the prevention of and response to sexual harassment complaints. Such programs and procedures shall be drafts by each university and presented to the Board for its approval. Each such policy shall include, at a minimum, the following components:

a. A strong statement of policy prohibiting sexual harassment in both the working environment and the educational environment at the university. Such statement substantially similar to the Board policy statement in Section One, above;
b. The definition of what conduct constitutes sexual harassment adopted in this policy by the Board of Regents;
c. A coordinated university-wide educational program providing information regarding sexual harassment, the university's policy against such conduct, and the rights of the persons who are the object of sexual harassment;
d. A counseling program utilizing available campus resources available to both complainants and respondents;
e. An informal grievance procedure designed to encourage the reporting of incidents of sexual harassment and to provide informal conciliation and resolution of sexual harassment complaints where possible. Such procedure should, to the greatest degree legally possible, preserve the anonymity of complainants, provide for informal discussions with persons complained against, secure the confidentiality of records regarding complaints, and be completed in a timely manner;
f. A formal grievance procedure ensuring due process of all parties for resolution of formal complaints transmitted in writing to the Director of Employment Services or the Dean of Students. Such grievance procedure must provide for methods of processing such complaints which permit independent review by persons not personally affected by the particular situation at issue (such as in the case where an employee is complained about by a person working under the supervision of such employee or where a faculty member is complained about by a student in a class taught by the faculty member); and
g. The alleged victim shall be permitted to have one person of his or her choosing accompany him or her throughout the disciplinary procedure. The alleged victim and accused shall be permitted to be present during the entire disciplinary procedure (except during deliberations of the panel). The alleged victim and accused shall have the right to be informed of the outcome of the hearing upon its conclusion by the panel. The person alleged to have engaged in sexual misconduct shall also be afforded all of the rights set forth.
h. An appeal process to the university president in the event of disciplinary action imposed due to review of a formal complaint.



Section III
REQUIREMENTS FOR
BACHELOR'S DEGREES

Degrees Offered

A student who pursues one of the University's four-year programs may earn the degree of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Social Work.

A student who pursues the 3 + 1 degree program and is accepted into osteopathic medicine program (Doctor of Osteopathy/ D.O.) may earn a Bachelor of Science degree at ECU upon completion of the first year's study at OSUCOM (Oklahoma State University College of Osteopathic Medicine). Further information is available from the Office of Admissions and Records.

Requirements for a Bachelor's Degree

A student is eligible for a bachelor's degree if he or she meets the other requirements of the University and the following general requirements.

1. Total Credits

A student must earn a minimum of 120 semester hours exclusive of "no credit", "not applicable on degree" or "zero-level" courses. A maximum of 4 hours KIN Activity Courses may be used towards the 124 hour requirement. The ways of earning credit are given in "Taking Courses and Earning Credit," in this Catalog.

2. On-Campus/Residence Credit

A student must earn at least 30 semester hours at East Central University and at least 12 of the 30 must be upper division hours. He or she must earn, at East Central University, at least 15 of his or her last 30 semester hours before graduation or at least 50 percent of the hours required by the major must be earned from East Central University. A student must do enough on-campus upper division work in his or her major and minor to provide for his or her evaluation for a degree. Sufficient hours have been established as nine hours in the major and three hours in the minor.

3. Correspondence Credit

A student may apply no more than 31 semester hours of correspondence study toward his or her degree.

4. General Education Credit

A student must earn all general education requirements as listed in "General Education Requirements of the Undergraduate Divisions" below. These requirements may be fulfilled by transferring credit from an Oklahoma institution participating in the Regents' Articulation Policy.

5. Upper-division Credit

A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). Credit transferred from another institution is classified at the level at which it was earned.

6. Senior College Credit

A student must earn at least 60 semester hours, excluding physical activity courses, at a baccalaureate degree granting institution.

7. Major and Minor

A student must earn credit in the courses required for his or her particular major and minor in this catalog. Unless the requirements for the major specifically allow the major and the minor to be in the same field, they must be in different fields. In some instances the student must select a minor from a particular group designated in the major requirements.

Courses taken for general education credit may also apply on the major unless otherwise specified. No course may apply on all three requirements (major, minor, general education). No course may count as credit toward two majors, excluding related work. No course may count as credit toward both the major and minor, excluding related work. Additional courses must be taken to accumulate the required

hours in either the major or minor.

8. Double Major

Having fulfilled all the requirements for a bachelor's degree in a chosen field, a double major may be declared if, instead of a minor, all the requirements for a second major are also fulfilled. A student declaring a double major need not declare a minor. The second major will fill that requirement. No major course may count as credit toward another major, excluding related work.

Should a student meet requirements for two majors and have a minimum of 154 semester hours completed, he or she can apply for two degrees, instead of one degree with two majors. Information may be obtained in the Office of Admissions and Records concerning how to apply for two degrees granted concurrently.

9. Computer Proficiency

Students must demonstrate computer proficiency, which includes the competent use of a variety of software and networking applications. Students may fulfill this requirement at East Central University through several options. These options include: 1) successful completion of one of the institution's general education courses in the computer literacy option; 2) successful completion of a sequence of courses within a program of study (major) which a department and school or college dean designate to fulfill this requirement; 3) successful completion of a degree program in which use of a computer is integral to the program (e.g., major in Computer Science); or 4) successful completion of an associate of arts or associate of science degree at a two year college in which the computer skills requirement was met (this option may not reduce or remove any program requirements). This policy applies for first-time beginning freshmen admitted to the university in the fall 1998 semester and thereafter.

10. Grades

A student must have a grade point average of 2.0 or higher in his or her total work at all institutions, in all work at East Central University, in all work in each of his or her majors, and in all major work at East Central University. "No Credit" courses may not be included in computing the grade point averages for a degree. Specific majors may also require a higher grade point average.

11. Second Bachelor's Degree

Having previously fulfilled all requirements for a bachelor's degree, a student is eligible for a second bachelor's degree after finishing a minimum of 150 semester hours (excluding graduate credit) and the requirements for a new major and new minor. Course work used on the major of the first bachelor's degree may not apply as course work for the major of the second bachelor's degree.

Waiver Policy for ENG 1113

Students pursuing a bachelor's degree are required to complete six credit hours of English composition. New, incoming freshman at ECU will always be required to complete ENG 1113 (Freshman Composition I) prior to either ENG 1213 (Freshman Composition II), or HNRS 2313 (Enduring Questions: Perspectives from Rhetoric and Research).

In the event a student transfers to ECU having previously completed a course deemed equivalent to either ENG 1213 or HNRS 2313, but without having completed a course equivalent to ENG 1113, the requirement of completing ENG 1113 may be waived with approval of the College Dean for the student's major program of study.

GENERAL EDUCATION STUDIES
Philosophy, Purposes, and Themes

PHILOSOPHY STATEMENT

East Central University embodies its commitment to the values of a liberal arts education through its general education requirement, which is designed to assist students in attaining the knowledge, skills, and attitudes recognized by the University as fundamental to every educated person's understanding of and response to the world. A liberal arts education contributes to the development of informed, responsible citizens, capable of promoting and maintaining a free society, and it provides individuals a foundation for making those ethical, logical, technological, and ecological decisions requisite to effective participation in such a society.

MISSION STATEMENT

As part of liberal arts education that inducts students into an intellectual community in preparation for and enhancement to disciplinary majors, the General Education Program at East Central University provides students the integrated and thorough foundation needed to reflect critically on information to understand and acknowledge the diversity of life and cultures, to see the relationships among concepts, and to appreciate the interrelatedness of academic areas.

REQUIREMENTS

General education requirements of the undergraduate majors are given in the chart following. Before beginning to fulfill these requirements, students should study the chart and the following comments:

A student should consult with his or her advisor choosing a course in a general education area offering option. Many majors require that a student select a particular course within the list of optional courses.

A student planning to transfer as a junior or a senior to another Oklahoma institution participating in the Regents' Articulation Policy should take, during his or her freshman and sophomore years, six hours of English composition; six hours United States history and government; six hours of science; six hours of humanities; three hours of mathematics; at least three hours from psychology, social sciences, foreign languages, and fine arts (art, music, dramatics); and additional liberal arts and sciences courses to meet the minimum total of forty-four (44) credit hours at ECU.

General Education Requirements of the Undergraduate Divisions
Minimum 40 Hours

First Year Experience **1 hour**

UNIV 1001 Tiger Connect (IL)

Written Communication **6 hours**

ENG1113 Freshman Composition (C)
ENG 1213 Freshman Composition II (IL) OR
HNRS 2313 Enduring Questions: Perspectives from Rhetoric and Research (IL) (Honors Only)

Mathematical and Statistical Reasoning **3 hours**

MATH 1223 Introduction to Probability and Statistics (CT) OR
MATH 1413 Survey of Mathematics (CT) OR
MATH 1513 College Algebra (CT) OR
MATH 1613 Functions and Modeling (CT)

Civic Consciousness **6 hours**

PS 1113 United States Government (CT) AND
HIST 2483 United States History Survey to 1877 (CT) OR
HIST 2493 United States History Survey since 1877 (CT)

Nature and Science (Courses must be of different disciplines. At least one course must include a lab.) **7-8 hours**

BIOL 1114 General Biology (Includes Lab) (IL)
BIOL 1214 General Botany (Includes Lab) (C)
BIOL 1314 General Zoology (Includes Lab) (CT)
BIOL 2103 Horticulture (IKC)
BIOL 3143 Ethnobotany (IL)
CHEM 1114 General Chemistry I (Includes Lab) (CT)
EHS 1114 Introduction to Environmental Science (Includes Lab) (GC)
EHS 2613 Occupational Health and Safety (C)
GEOG 1214 Earth Science (Includes Lab) (GC)
PHSCI 1114 General Physical Science (Includes Lab) (CT)
PHYS 1114 General Physics I (Includes Lab) (CT)
PHYS 1314 Astronomy (Includes Lab) (CT)

Cultural and Aesthetic Awareness **6 hours**

ANTH 2523 Native Peoples of North America (IKC)
ART 2243 Art History Survey I (IKC)
ART 2273 Survey of Multicultural Art (IKC)
HIST 1113 Foundations of Western Civilization (IKC)
HIST 1123 Modern Western Civilization (CT)
HIST 3053 History of the 21st Century (CT)
HIST 2613 Explorations in World History and Culture (IKC)
HIST 3063 Ancient Civilizations (IKC)
HIST 4573 American Leaders to 1865 (CT)
HIST 4593 American Leaders since 1865 (CT)
HNRS 1213 Enduring Questions: Perspectives from the Humanities (Honors Only) (IKC)
HNRS 1313 Enduring Questions: Global Perspectives (Honors Only) (GC)
HUM 2113 General Humanities I (IKC)
HUM 2123 General Humanities II (GC)
HUM 2313 Multicultural American Literature (IKC)
HUM 2323 Global Literature (IKC)
HUM 2413 Responding to Literature (CT)
HUM 2633 World Religion and Thought (GC)
HUM 2713 Language and Culture (C)
HUM 2813 Interpreting Film (IL)
MUS 2433 World Music (IKC)
MUS 2533 Music in Life (CT)
MUS 3633 Music History through Bach (CT)
MUS 3643 Music History since Bach (CT)
NAS 1113 Introduction to Native American Studies (GC)
NAS 2113 Chickasaw Humanities I: Comparing Cultures (IKC)
PHIL 2003 Being, Knowing, Doing: Introduction to Philosophy (CT)
PHIL 2013 Faith, Freedom, & Fate: Introduction to Philosophy of Religion (C)
PHIL 2023 Self, Society, & Justice: Introduction to Social Philosophy and Ethics (GC)
PHIL 2033 Truth, Goodness, Beauty: Introduction to the Philosophy of Art (IL)

Exploration and Personal Enrichment **3 hours**

ANTH 2713 Introduction to Cultural Anthropology (IKC)
ART 3303 Motion Graphics (C)
ASLHR 2613 American Sign Language I (IKC)
BUS 1113 Foundations of Business (C)
CARTO 2253 Elements of Cartography (C)
CHI 1113 Chickasaw I (C)
CMPSC 1113 Computer Programming I (C)
CMPSC 1513 Computer Literacy (IL)
COMM 1113 Fundamentals of Human Communication (C)
EDUC 2402 Survey of the Exceptional Child (GC)
ENG3183 Technical and Professional Writing (C)
ENTR 3103 Introduction to Entrepreneurship (CT)
FIN 1113 Financial Literacy (CT)
FREN 1113 Elementary French I (C)
GEOG 1113 Elements of Human Geography (IKC)
GEOG 2513 World Regional Geography (GC)
HNRS 2213 Enduring Questions from the Perspective of the Sciences (Honors Only) (C)
KIN 2122 Choices in Wellness (CT)
KIN 2183 Basic Nutrition (CT)
MCOM 2733 Writing for Media I (C)
MCOM 2753 Introduction to Audio Production (C)
MIS 1903 Computer Business Applications (C)
PS 2113 Introduction to Political Science (GC)
PSYCH 1113 General Psychology (IL)
RUSS 1113 Elementary Russian I (C)
RUSS 1223 Elementary Russian II (C)
SOC 1113 Introductory Sociology (IKC)
SOC 2113 Social Problems (GC)
SOC 3003 Native American Sociology (IKC)
SPAN 1113 Elementary Spanish I (C)
SPAN 1223 Elementary Spanish II (GC)
THEA 2333 Theatre in Life (IKC)

General Education Electives **7-8 hours**

Additional courses from above as needed to meet the minimum total of 40 hours required for general education.

Student Learning Outcome Index:

Communication (C)
Critical Thinking (CT)
Information Literacy (IL)
Intercultural Knowledge and Competence (IKC)
Global Citizenship (GC)

Students must take at least one course that meets each of the five Student Learning Outcomes.

GENERAL EDUCATION STUDENT OUTCOMES

Communication: Students communicate effectively in a variety of situations.
Over the course of the general education program, students will learn to communicate in a variety of ways. This includes both written and spoken communication, but also involves communicating using different technologies and learning to mix text, data, graphs, and images. To make their communication effective, students will learn how to select language appropriate to their audience, purpose, and context. Students will also learn how to actively listen so they can understand the diverse perspectives of others and participate in a civil discourse.

Critical Thinking: Students explore issues and ideas before formulating an opinion, solving a problem, or drawing a conclusion.
Over the course of the general education program, students will build the habit of critical thinking. Students will learn to analyze and evaluate data and evidence, interpret and develop ideas, and combine that information into a coherent whole. Critical thinking is vital to all areas of life; thus, students will learn to apply critical thinking skills not only in an academic setting, but also beyond the campus to personal or global issues.

Information Literacy: Students consume and produce information of any form effectively and ethically.
Over the course of the general education program, students will learn how to find, use, and share information. Information comes in many forms, such as text, numbers, images, or sound, and many of those forms are rapidly changing. Students will learn to adapt to emerging technologies and responsibly participate in this ever-changing information ecosystem, abiding by ethical or legal restrictions on the use of information.

Intercultural Knowledge and Competence: Students recognize the complexity of identity, culture, and heritage.
Over the course of the general education program, students will develop an understanding of how identity, heritage, and culture shape the world. Beyond mere awareness or appreciation, intercultural knowledge and competence supports meaningful interaction in a variety of cultural contexts as students seek out multiple perspectives with openness, empathy, and respect.

Global Citizenship: Students recognize the complexity of global systems and their roles within them.
Over the course of the general education program, students will develop awareness of their intersecting roles and responsibilities at local, state, national, tribal, and global levels. Students will critically analyze natural, physical, social, cultural, economic, and political systems. Students will have the tools to take informed and responsible action, supported by respectful collaboration, to address local and global challenges.

*The Freshman Seminar must be taken in the beginning freshman's first semester of enrollment.
**College Algebra or Intro to Probability and Statistics should not be selected unless required by your major. Mathematics courses numbered 1413 or higher, other than "teachers" or "methods" courses, will meet the General Education requirement in Mathematics.
***Credit in physical education for military service is granted in accordance with the commonly accepted practices of the Office of Admissions and Records.

Students who have completed an Associate of Arts or Associate of Science degree from an OKLAHOMA two-year college will be considered as having met all general education requirements listed above. This does not mean specific courses in the major or minor requirements are met with the completion of the Associate Degree.



Section IV
PRE-PROFESSIONAL PROGRAMS

Several students attend East Central University with the intention of entering a professional school located at another university. For these students East Central University offers pre-professional programs in engineering, law, and pharmacy. Students in these programs have the opportunity to spend from one to three years at East Central University completing the basic entrance requirements to the professional schools. Students interested in this opportunity should contact the appropriate advisor for their program. A description of the basic programs and their advisor follows below.

Pre-Engineering

No matter what branch of engineering a student wishes to enter, the program for the first four semesters contains mostly the same basic courses. These include mathematics, physics, chemistry, computer science, English, history, and behavioral and social sciences.

The pre-engineering program at ECU allows students to fill these requirements in two years, after which they transfer to a university with an engineering school to take advanced courses in their area of specialization. Advisors customize students' curriculum to match the engineering school they plan to attend. This enables them to enjoy the small classes, personalized instruction, and friendly atmosphere at ECU while receiving an excellent academic foundation for further study. For more information, contact the Department of Physics.

Pre-Law

A successful career in law demands proficiency in three-skills areas: the ability to think critically, the ability to analyze information from a variety of sources and apply that analysis to solving problems, and the ability to communicate that analysis to others. While completion of any undergraduate degree program confers eligibility for law school, the most successful candidates often come from programs located in the Liberal Arts which emphasize mastery of these skills. ECU offers two programs, Political Science and Legal Studies, which have proven especially successful in helping graduates attain success in law school. The specific choice of major (and minor), however, should be tailored to match the interests and particular needs of each student. Please contact the Pre-Law advisor in the Department of Politics, Law, and Society for more information.

Pre-Pharmacy

A pre-pharmacy curriculum is offered at ECU that will meet all requirements for admission to any school of pharmacy. The curriculum requires two to three years to complete, after which the remaining four years of study must be taken at a school of pharmacy. The courses to be taken in the two to three year segment include those in biology, chemistry, physics, and mathematics, in addition to several of our general education courses such as English, history, and government. The program is tailored to individual needs depending upon the choice of a particular pharmacy school. For more information, contact the Department of Chemistry.

Pre-Professional Sciences

East Central University offers courses that are required for admission to professional schools of medicine, dentistry, optometry chiropractic, physician's associate, veterinary medicine, dental hygiene, and physical therapy. Any degree major can be pursued but since most courses required by these professional health degrees are in biology and chemistry, most students choose to major in one of these disciplines. The ECU biology- health science degree program is specifically set up to satisfy course requirements by the pre-professional health programs listed. A student that wishes to pursue the 3 + 1 degree program can satisfy course requirements for early admission to OSUCOM and once admitted, the first year of medical school will count as the 4th year for the baccalaureate degree at ECU. Requirements for the 3 + 1 Program (ECU-OSUCOM) are available from the Department Chair in Biological and Environmental Sciences.



Section V

HARLAND C. STONECIPHER SCHOOL OF BUSINESS

Michael Scott, Interim Dean

DEPARTMENT OF ACCOUNTING

Major Offered
Accounting - BS

Minor Offered
Accounting

Courses

Prefix	Subject
ACCT	Accounting

Certificates Offered
Accounting (Managerial Accounting)
Accounting (Treasury Management)

DEPARTMENT OF BUSINESS ADMINISTRATION

Majors Offered
Business Administration (Entrepreneurship) - BS
Business Administration (Finance) - BS
Business Administration (General Business) - BS
Business Administration (Management) - BS
Business Administration (Marketing) - BS
Information Technology Management (Data Analytics) - BS
Information Technology Management (Information Systems) - BS
Information Technology Management (Project Management) - BS

Minors Offered
Business Administration
Business Administration for Music Majors
Data Analytics
Entrepreneurship
Finance
Human Resources Management
Information Systems Management
Marketing
Military Science
Personal Financial Planning
Project Management
Promotions Management

Courses

Prefix	Subject
BSEC	Business-Economics
BUCOM	Business Communication
BUS	Business
BUSLW	Business Law
ECON	Economics
ENTR	Entrepreneurship
FIN	Finance
ITM	Information Technology Management
MGMT	Management
MKTG	Marketing
MIS	Management Information Systems
MS	Military Science

Certificates Offered
Business (Entrepreneurship)
Business (Banking and Finance)
Business (Global Business)
Business (Human Resources Management)
Business (Management Information Systems)
Business (Personal Financial Planning)
Business (Project Management/ Management)
Business (Promotions Management)

The Harland C. Stonecipher School of Business is located in the Chickasaw Business and Conference Center. The School is also home to the Wilburn L. Smith Center for Entrepreneurship and the Kellogg & Sovereign Consulting, LLC Financial Lab. Students are encouraged to join the Business Leaders Association. Students of high academic achievement will be invited to join the international honor society Delta Mu Delta. Both the Accounting Program, and the Business Administration Program, are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Internship Hours

Students may obtain from one to three credits from internship opportunities. The general requirement is that the internship must include (1) actual work to be completed under the supervision of the place of employment offering the internship and (2) an academic component related to the field of study under the supervision of the SSB internship supervisor. The nature of the actual work and academic component will vary from internship to internship, and the details of each are determined through input from the internship company, supervisor, and student. The hours of credit are determined by the amount of work required.

DEPARTMENT OF ACCOUNTING

Instructor and Chair Dougherty
Assistant Professor and Chickasaw Endowed Professor Lee
Instructor Elliott

The primary purpose of accounting is to measure and communicate financial information about profit and non-profit organizations to interested persons. Accounting professionals operate within a broad socioeconomic environment. Therefore, emphasis within the accounting program is placed upon a combination of conceptual knowledge and practical applications of accounting theory and concepts as they relate to satisfying the information needs of a disparate group of users. The wide selection of courses in the accounting department enables the student to become familiar with such fields as taxation, financial accounting, managerial accounting, auditing, and governmental/not-for-profit accounting.

The Accounting Program prepares the student for entry level professional positions and provides the prerequisite courses for admission to graduate study. Students majoring in accounting are required to take a combination of business and accounting related courses, which enhance their knowledge of the various business functions. Courses in computer technology and information systems, business communication, management, marketing, finance, business law, and economics are taken by all accounting majors. The Department also offers a minor in Accounting, and two certificate programs in Managerial Accounting and Treasury Management.

ACCOUNTING PROGRAM

Students graduating with an Accounting degree must complete 150 (of which 76 must be upper division) hours, including 36 hours in accounting, to comply with the educational requirements needed to sit in the State of Oklahoma for the CPA exam. The total number of hours required for a BS degree with a major in Accounting is 124; however, ECU offers a Master of Science in Accounting that allows graduates to meet the Oklahoma Accountancy Act 150-hour requirements.

DEPARTMENT OF BUSINESS ADMINISTRATION

Chair Dougherty
Professor and Business Administration and Frank Crabtree Sr. Family Endowed Professor of Business Policy Jones
Professor Zhang
Associate Professor and Vision Bank Endowed Professor in Banking and Finance Rauch
Associate Professor and Chickasaw Endowed Professor Bolin
Associate Professor and Gene Nelson Endowed Chair Hite
Assistant Professor and Boswell Endowed Professor Hartley-Kelso
Assistant Professor Pichop
Instructors Byers, Powers

The Department of Business Administration at East Central University brings together five business disciplines with programs leading to a Bachelor of Science degree with a major in Business Administration. The Degree offers concentrations in Entrepreneurship, Finance, General Business, Marketing, Management, and Information Technology Management. The Department also offers nine certificate programs, Banking and Finance, Entrepreneurship, Global Business, Human Resources Management, Management Information Systems, Project Management/Management, and Promotions Management and twelve minors, Business Administration, Business Administration for Music Majors, Entrepreneurship, Finance, Human Resources Management, Management, Marketing, Promotions Management, Information Systems, Project Management and Data Analytics.

The Department of Business Administration's mission is to facilitate an interactive, experiential, and dynamic learning environment where students are treated as co-learners who continuously acquire knowledge and skills to enable them to successfully contribute to a dynamic and culturally diverse society.

Our vision is to be recognized as an exemplary leader in undergraduate business education, primarily preparing students for successful entrance in both the private and public sectors, to become successful entrepreneurs, and to pursue post-baccalaureate studies.

Small class sizes, quality professors, and real-world focus make for an excellent option for those looking to secure a strong foundation in Business Administration. Primary general education and major core courses are completed during the first two years, with concentration courses completed in the final two years. A mix of traditional and innovative approaches are designed to provide knowledge of the fundamental principles, generalizations, and theories of business, delivery of effective communications, effective use of computing software, and the skills to make sound business decisions in a socially responsible and global business environment.

BUSINESS ADMINISTRATION PROGRAM

Entrepreneurship Concentration

The Entrepreneurship concentration provides learning opportunities to assist students in developing their skills to create and run successful companies. Topics include opportunity recognition the entrepreneurial mindset, proof of concept, financial planning, building a brand, management and organization planning, and market planning using curriculum developed and supported by the Ewing Marion Kauffman Foundation. Students in the capstone class compete for cash prizes in the Oklahoma Governor's Cup Competition.

Finance Concentration

The Finance concentration provides students with knowledge and practice in the application of methods and techniques used in all areas of finance. Basic underlying financial theories and concepts are examined in the core courses and are reinforced and expanded in the concentration

courses. Concentration course topics include corporate finance, investments, financial institutions, insurance, personal financial planning, and real estate development.

Management Concentration

The Management concentration provides students with the knowledge and professional skills for effective performance in both public and private sector organizations. Managerial skills for large and small businesses are addressed from both a theory and applications approach. The concentration requirements include electives from upper-level business courses to provide the student with the broad-based knowledge necessary in the profession.

Marketing Concentration

The Marketing concentration prepares students for careers in advertising and promotion, consumer and business-to-business marketing, sales, marketing research, or retailing. The courses required for marketing expose students to the major concepts, tools, and academics that are the foundation for the effective practice of modern marketing. In addition, the Marketing concentration provides a real-world focus and hands-on experience in the development and execution of marketing strategies and programs.

General Business Concentration

The General Business concentration provides greater flexibility in developing a program tailored to the student's needs and objectives. Students take advanced courses from each of the other concentrations to gain a broad understanding of business.

Information Systems Concentration

The Information Systems concentration prepares students for careers that apply computer knowledge and information technology to the business environment. The curriculum integrates the knowledge of basic business courses in accounting, finance, marketing, and management with information technology. The IS graduate will be able to function in the corporate environment or in the small business sector.

Project Management Concentration

The Project Management concentration prepares students for careers that apply computer knowledge and information technology to project management. The curriculum integrates the knowledge of basic business courses in accounting, finance, marketing, and management, information technology, and project management. The graduate will complete the coursework recommended by the Project Management Institute and meets the educational requirements for professional certification.

Data Analytics Concentration

The Data Analytics concentration prepares students for careers that use computer and information skills to analyze data for business decisions. The curriculum integrates the knowledge of basic business courses in accounting, finance, marketing, management, information technology, with data analytics. The graduate will be able to function in the corporate environment, small business sector, or research areas.

Certificate in Accounting – Managerial Accounting

This certificate program will increase the Managerial Accounting knowledge and skills of certificate seeking working adults, and offer specialized Managerial Accounting knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will help prepare students for work in the Managerial Accounting field, as well as help prepare students to sit for the Certified Management Accountant Exam (CMA Exam). This certificate requires successful completion of a capstone experience. The Managerial Accounting certificate program requires a learning experience beyond the specified minimum number of courses. The capstone experience can be satisfied by earning a passing score on Parts 1 & 2 of the professional examination to receive the Certified Management Accountant (CMA) designation.

Certificate in Accounting – Treasury Management

This certificate program will increase the Treasury Management knowledge and skills of certificate seeking working adults, and offer specialized Treasury Management knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will help prepare students for work in the Treasury Management field, as well as help prepare students to sit for the Certified Treasury Professional Exam (CTP Exam). This certificate requires successful completion of a capstone experience. The Treasury Management certificate program requires a learning experience beyond the specified minimum number of courses. The capstone experience can be satisfied by earning a passing score on the professional examination to receive the Certified Treasury Professional ® Associate (CTPA) designation.

Certificate in Business - Banking and Finance

This certificate program will increase the banking and finance knowledge and skills of certificate seeking working adults, and offer specialized banking and finance knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the banking field using curriculum consistent with the American Institute of Banking's Bank Financial Management diploma.

Certificate in Business - Entrepreneurship

This certificate program will increase the entrepreneurial knowledge and skills of certificate seeking working adults and offer specialized entrepreneurial knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the entrepreneurship field using curriculum developed and supported by the Ewing Marion Kauffman Foundation.

Certificate in Business - Global Business

This certificate program will increase global business knowledge and skills of current university students. The unique combination of general and special coursework in the certificate program, along with a Study Abroad component, will increase the student's awareness of the global business environment. Students seeking this certificate will be required to spend one semester abroad at an approved university.

Certificate in Business - Human Resources Management

This certificate program will increase the human resources management knowledge and skills of certificate seeking working adults, and offer specialized human resources management knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the human resources management field and prepare them for the Society for Human Resources Management's Assurance of Learning Assessment.

Certificate in Business – Management Information Systems

This certificate program will increase the information system knowledge and skills of certificate seeking working adults and offer specialized management information systems knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the management information systems field. A blend of management information systems and computer science courses are offered in this certificate.

Certificate in Business – Project Management/Management

This certificate program will increase the project management knowledge and skills of certificate seeking working adults and offer

specialized project management knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the project management field using curriculum developed by the Project Management Institute, Inc. (PMI)©. Students completing this certificate program will be prepared to take PMI's Certified Associate in Project Management (CAPM)® Certification Exam.

Certificate in Business - Promotions Management

This certificate program will increase the promotions management knowledge and skills of certificate seeking working adults and offer specialized program management knowledge and skills to current university students. The unique combination of general and special coursework in the certificate program will prepare students for work in the promotions management field. A blend of marketing, digital publishing, advertising, and public relations courses are offered in this certificate.

ACCOUNTING

Bachelor of Science **Major Code -- 0010**

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Accounting **75**

A. Required Core Courses 45

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required in Accounting Major 30

ACCT	3203	Cost Accounting I
ACCT	3303	Intermediate Accounting I
ACCT	3383	Federal Income Tax Accounting
ACCT	3403	Intermediate Accounting II
ACCT	3413	Business Ethics for Accountants
ACCT	4303	Advanced Accounting
ACCT	4503	Auditing
BUSLW	3253	Business Law

Six (6) additional upper level accounting hours selected from the following courses:

ACCT	3423	Community Tax Preparation
ACCT	3453	Advanced Computer Acct Applications
ACCT	3713	Governmental & Non-Profit Accounting
ACCT	4203	Advanced Cost Accounting
ACCT	4353	Oil and Gas Accounting
ACCT	4453	Short-Term Financial Management
ACCT	4621-3	Internship in Accounting
ACCT	4981-4	Seminar in Accounting
ACCT	4991-4	Individual Study in accounting

III. Related Work **6**

A. Required General Education 6

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in the 33 hours of courses with ACCT prefixes.

Students majoring in Accounting must take at least 40 percent (50 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003

ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Accounting - 010A

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
ACCT	3203	Cost Accounting I
ACCT	3303	Intermediate Accounting I

Six hours other approved upper-division Accounting courses

Minimum total hours **18**

* Business Administration majors must substitute six hours of other approved Accounting/Business courses for ACCT 2103 and 2203. No course may count as credit toward both the major and minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Certificate in Accounting (Treasury Management) - 5080

Required Core Courses: 12

ACCT 4453 Short Term Financial Management
ACCT 3413 Business Ethics for Accountants
ACCT 3303 Intermediate Accounting I
FIN 3113 Financial Management

Elective Courses: 18
Select 18 hours from the following:
ACCT 3403 Intermediate Accounting II
ACCT 3453 Advanced Computer Acct Applications
ACCT 3713 Governmental & Non-Profit Accounting
ACCT 4303 Advanced Accounting
BUSLW 3253 Business Law
ECON 2013 Principles of Microeconomics
MIS 3433 Management Information Systems
Other upper level Accounting or Business Administration courses preapproved by the department.

Special Requirement
This certificate requires successful completion of a capstone experience. The Treasury Management certificate program requires a learning experience beyond the specified minimum number of courses. The capstone experience can be satisfied by making an acceptable score on the professional examination to receive the Certified Treasury Professional Associate (CTPA) designation. Subject to the following, the capstone experience may also be satisfied by completing a business plan, research paper, thesis, 6 hours of additional coursework, or other synergistic experience. Generally, the capstone experience must be approved by the relevant Program Coordinator/Department Chair and the Dean of the Stonecipher School of Business. A capstone experience not involving the approved professional examination will also require the approval of an advisory committee, consisting of three business faculty members, at least two of whom must be faculty teaching in the relevant program. Students who do not complete the capstone experience by the end of the program coursework must enroll in ACCT 4991 under the Program Coordinator until the capstone experience is completed. Evidence of completing the capstone experience must be submitted to the Dean of the Stonecipher School of Business at least thirty days before the conferral of the certificate.

Total Hours Required 30

Certificate in Accounting (Managerial Accounting) - 5090

Required Core Courses: 18

ACCT 2203 Managerial Accounting
ACCT 3203 Cost Accounting
ACCT 3303 Intermediate Accounting I
ACCT 3413 Business Ethics for Accountants
ACCT 4203 Advanced Cost Accounting
FIN 3113 Financial Management

Elective Courses: 12
Select 12 hours from the following:
ACCT 3453 Advanced Computer Acct Applications
ACCT 4303 Advanced Accounting
ACCT 4503 Auditing
ECON 2013 Principles of Microeconomics
MGMT 3013 Principles of Management
MIS 3433 Management Information Systems
Other upper level Accounting or Business Administration courses preapproved by the department.

Special Requirement
This certificate requires successful completion of a capstone experience. The Managerial Accounting certificate program requires a learning experience beyond the specified minimum number of courses. The capstone experience can be satisfied by making an acceptable score on Parts 1 & 2 of the professional examination to receive the Certified Management Accountant (CMA) designation. Subject to the following, the capstone experience may also be satisfied by completing a business plan, research paper, thesis, 6 hours of additional coursework, or other synergistic experience. Generally, the capstone experience must be approved by the relevant Program Coordinator/ Department Chair and the Dean of the Stonecipher School of Business. A capstone experience not involving the approved professional examination will also require the approval of an advisory committee, consisting of three business faculty members, at least two of whom must be faculty teaching in the relevant program. Students who do not complete the capstone experience by the end of the program coursework must enroll in ACCT 4991 under the Program Coordinator until the capstone experience is completed. Evidence of completing the capstone experience must be submitted to the Dean of the Stonecipher School of Business at least thirty days before the conferral of the certificate.

Total Hours Required 30

BUSINESS ADMINISTRATION
Entrepreneurship Concentration
Bachelor of Science

Major Code -- 0077

I. General Education **40**
A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Business Administration **75**

A. Required Core Courses 42

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required for Concentration in Entrepreneurship 27

BUS	4103	Global Business
BUS	4213	Business Ethics
ENTR	3103	Introduction to Entrepreneurship
ENTR	4413	Bus Planning & Strategy For Entrepren
ENTR	4503	Venture Creation
FIN	4623	Applied Finance
MGMT	3063	Production/Operations Management
MIS	3453	Adv Computer Bus Applications
MKTG	3333	Digital Marketing OR
MKTG	3813	Professional Selling

C. Required Upper Level Business Administration Electives 6

Six (6) hours Accounting, Business Administration, or Information Technology Management upper level courses.

III. Related Work **6**

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
For graduation, a minimum grade point average of 2.25 is required in II. A. Business Administration core courses (excludes courses required for area of concentration).

Students majoring in Business Administration must take at least 40 percent (48 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003, ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Entrepreneurship - 070F

ENTR 3103 Intro to Entrepreneurship
ENTR 4413 Bus Planning & Strat for Entr
MGMT 3013 Principles of Management
MKTG 3313 Principles of Marketing
MKTG 3333 Digital Marketing **OR**
MKTG 3813 Professional Selling

Three (3) hours Accounting or Business Administration Upper Level courses or COMM 3243 (ORGL courses do not count as Electives)

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

BUSINESS ADMINISTRATION
Finance Concentration
Bachelor of Science

Major Code -- 0073

I. General Education **40**

A maximum of twelve hours may be counted in both the major/realted work and general education.

II. Major in Business Administration **78**

A. Required Core Courses 42

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required for Concentration in Finance 36

BSEC	3103	Foundations of Data Analytics
BUS	4103	Global Business
BUS	4213	Business Ethics
FIN	3003	Financial Markets and Institutions
FIN	3223	Investment Analysis
FIN	3913	Principles of Insurance and Risk Mgmt
FIN	4113	International Financial Management
FIN	4623	Applied Finance
MGMT	3063	Production/Operations Management

Nine (9) hours frem the following:

ACCT	3303	Intermediate Accounting I
BSEC	4003	Advanced Datsa Analytics
FIN	3013	Fundamentals of Financial Planning
FIN	3833	Commercial Bank Management
FIN	4103	Essentials of Banking and Finance
FIN	4263	Real Estate Development and Investmenmt
ITM	3473	Data Visualizationm
ITM	3613	Data Comm and Computer Networks
MGMT	3043	Human Resourcew Management
MIS	3453	Advanced Computer Bus App
MKTG	3813	Professional Selling

III. Related Work **6**

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **8**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in II. A. Business Administration core courses (excludes courses required for area of concentration).

Students majoring in Business Administration must take at least 40 percent (48 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003, ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Finance - 070G

ACCT	2103 Financial Accounting
BSEC	2603 Business & Economic Statistics
ECON	2003 Principles of Macroeconomics
FIN	3113 Financial Management

Select 6 hours from the following:

BUS	4103 Global Business
BUS	4213 Business Ethics
FIN	3003 Money and Banking
FIN	3223 Investment Analysis & Planning
FIN	3833 Commercial Bank Mgmt
FIN	3913 Insurance Planning and Risk Management
FIN	4263 Real Estate Development & Investment
FIN	4623 Applied Finance
MGMT	3063 Production/Operations Mgmt

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

BUSINESS ADMINISTRATION
General Business Concentration
Bachelor of Science

Major Code -- 0074

I. General Education **40**
A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Business Administration **75**

A. Required Core Courses 42

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required for Concentration in General Business 24

BUS	4103	Global Business
BUS	4213	Business Ethics
ENTR	3103	Introduction to Entrepreneurship
MGMT	3063	Production/Operations Management

3 hours upper level finance
3 hours upper level management
3 hours upper level management info systems or information technology management
3 hours upper level marketing

C. Required Business Administration Electives 9

Nine (9) hours Accounting, Business Administration, or Information Technology Management upper level courses.

III. Related Work **6**

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
For graduation, a minimum grade point average of 2.25 is required in II. A. Business Administration core courses (excludes courses required for area of concentration).

Students majoring in Business Administration must take at least 40 percent (48 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003, ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Business Administration - 070A

ACCT	2003	Fin & Mgrl Acct for Non-Bus Majors
BUS	1113	Foundations of Business (Must be taken prior to completing 60 total credit hours) **OR**
MGMT	4623	Leadership (Must be taken after completing 60 total credit hours)
ECON	2003	Principles of Macroeconomics
MGMT	3013	Principles of Management
MKTG	3313	Principles of Marketing

Three (3) hours Accounting or Business Administration Upper Level courses or COMM 3243 (ORGL courses do not count as Electives)

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Business Administration for Music Majors - 070D

One of the following:

ACCT	2003	Fin & Mgrl Acct for Non-Bus Majors
BUS	1113	Foundations of Business (Must be taken prior to completing 60 total credit hours) **OR**
MGMT	4623	Leadership (Must be taken after completing 60 total credit hours)

Required Courses:

MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MKTG	3313	Principles of Marketing
MKTG	3333	Digital Marketing

Three (3) hours Accounting or Business Administration Upper Level courses or COMM 3243 (ORGL courses do not count as Electives)

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

BUSINESS ADMINISTRATION
Management Concentration
Bachelor of Science

Major Code -- 0075

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Business Administration **75**

A. Required Core Courses 42

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required for Concentration in Management 24

BUS	4103	Global Business
BUS	4213	Business Ethics
ENTR	3103	Introduction to Entrepreneurship
MGMT	3043	Human Resources Management
MGMT	3063	Production/Operations Management
MGMT	3103	Organizational Behavior
MGMT	4623	Leadership OR
BUSLW	4253	Employment and Labor Law
MIS	3453	Advanced Computer Business Applications

(Must complete MGMT 4623 in either Section B, or Section C.

C. Required Business Administration Electives 9

Nine (9 hours Accounting, Business Administration, or Information Technology Management upper level courses.

III. Related Work **6**

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in II. A. Business Administration core courses (excludes courses required for area of concentration).

Students majoring in Business Administration must take at least 40 percent (48 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003, ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Management - 070B

MGMT 3013 Principles of Management

Nine hours from the following:
ENTR 3103 Intro to Entrepreneurship
MGMT 3043 Human Resources Management
MGMT 3063 Production/Operations Mgmt
MGMT 3103 Organizational Behavior
MGMT 4623 Leadership

Six (6) hours Accounting or Business Administration Upper Level courses or COMM 3243 (ORGL courses do not count as Electives)

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Human Resources Management - 070H

BUSLW 4253 Employment and Labor Law
MGMT 3013 Principles of Management
MGMT 3043 Human Resources Management
MGMT 3103 Organizational Behavior
MGMT 4313 Compensation and Benefits
MGMT 4323 Human Resources Training and Development

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Promotions Management - 070J

MGMT 3013 Principles of Management
MGMT 4623 Leadership
MKTG 3313 Principles of Marketing
MKTG 3423 Integrated Marketing Communications

Six (6) hours from the following:
MCOM 3343 Digital Publishing **OR**
MCOM 3843 Advertising Copy & Layout
MCOM 3893 Public Relations
MCOM 4813 Public Relations Writing

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

BUSINESS ADMINISTRATION
Marketing Concentration
Bachelor of Science

Major Code -- 0076

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Business Administration **75**

\A. Required Core Courses 42

ACCT	2103	Financial Accounting
ACCT	2203	Managerial Accounting
BSEC	2603	Bus and Econ Statistics
BUCOM	3133	Bus Comm & Report Writing
BUS	1113	Foundations of Business (must be taken prior to completeing 60 total credit hours) OR
MGMT	4623	Leadership (must be taken after completing 60 total credit hours)
BUS	4303	Business Strategy and Policy
BUSLW	3213	The Legal Environment of Business
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MGMT	3013	Principles of Management
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems
MKTG	3313	Principles of Marketing

B. Required for Concentration in Marketing 24

BUS	4103	Global Business
BUS	4213	Business Ethics
MGMT	3063	Production/Operations Management
MKTG	3333	Digital Marketing
MKTG	3423	Integrated Marketing Communications
MKTG	3813	Professional Selling
MKTG	4413	Marketing Research
MKTG	4623	Marketing Analytics and Strategy

C. Required Business Administration Electives 9

Nine (9) hours Accounting, Business Administration, or Information Technology Management upper level courses.

III. Related Work **6**

COMM	1113	Fundamentals of Human Communication
MATH	1613	Functions and Modeling

IV. Minor

V. Electives **11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in II. A. Business Administration core courses (excludes courses required for area of concentration).

Students majoring in Business Administration must take at least 40 percent (48 credit hours) of their course work in non-business courses. However, BUCOM 3133, ECON 2003, ECON 2013, FIN 1113, and MIS 1903 will be considered non-business courses for this requirement.

Minor in Marketing - 070C

MKTG 3313 Principles of Marketing

Nine hours from the following:
MKTG 3333 Digital Marketing
MKTG 3423 Integrated Marketing Communications
MKTG 3813 Professional Selling
MKTG 4413 Marketing Research
MKTG 4623 Marketing Analytics and Strategy

Six (6) hours Accounting or Business Administration Upper Level courses or COMM 3243, MCOM 3343, MCOM 3843, or MCOM 4323.

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

INFORMATION TECHNOLOGY MANAGEMENT
Information Systems Concentration
Bachelor of Science

Major Code -- 0610

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Information Technology Management
78

A. Required Core Courses 45
MIS 1903 Computer Business Applications
ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
BSEC 2603 Bus and Econ Statistics
BUCOM 3133 Bus Comm & Report Writing
BUS 1113 Foundations of Business OR
MGMT 4013 Project Management II
BUSLW 3213 The Legal Environment of Business
ECON 2003 Principles of Macroeconomics
ECON 2013 Principles of Microeconomics
FIN 3113 Financial Management
ITM 4653 Database Theory and Applications
ITM 4753 Software Dev and Team Dynamics
MGMT 3013 Principles of Management
MIS 3433 Management Information Systems
MKTG 3313 Principles of Marketing

B. Required for Concentration in Information Systems 33
BSEC 3103 Foundations of Data Analytics
BUS 4103 Global Business
BUS 4213 Business Ethics
CMPSC 1113 Computer Programming I
ITM 3423 Web Development
ITM 3473 Data Visualization
ITM 3613 Data Comm & Computer Networks
ITM 3823 Cybersecurity
ITM 3843 Cloud Management
MGMT 3023 Project Management I
MIS 3453 Adv Computer Business Applications

III. Related Work **6**

COMM 1113 Fundamentals of Human Communication
MATH 1613 Functions and Modeling

IV. Minor

V. Electives
8

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in II. A. and II. B.

INFORMATION TECHNOLOGY MANAGEMENT
Project Management Concentration
Bachelor of Science

Major Code -- 0611

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Information Technology Management **78**

A. Required Core Courses 45

ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
BSEC 2603 Bus and Econ Statistics
BUCOM 3133 Bus Comm & Report Writing
BUS 1113 Foundations of Business
(must be taken prior to completeing 60 total credit hours)
OR
MGMT 4013 Project Management II
BUSLW 3213 The Legal Environment of Business
ECON 2003 Principles of Macroeconomics
ECON 2013 Principles of Microeconomics
FIN 3113 Financial Management
ITM 4653 Database Theory and Applications
ITM 4753 Software Dev and Team Dynamics
MGMT 3013 Principles of Management
MIS 1903 Computer Business Applications
MIS 3433 Management Information Systems
MKTG 3313 Principles of Marketing

B. Required for Concentration in Project Management 33

BSEC 3103 Foundations of Data Analytics
BUS 4103 Global Business
BUS 4213 Business Ethics
CMPSC 1113 Computer Programming I
MGMT 3023 Project Management I
MGMT 4013 Project Management II OR
MGMT 4623 Leadership
MGMT 4023 Project Management III
MIS 3453 Adv Computer Business Applications

Nine (9) hours from the following courses:
ITM 3423 Web Development
ITM 3473 Data Visualization
ITM 3613 Data Comm & Computer Networks
ITM 3823 Cybersecurity
ITM 3843 Cloud Management
ITM 4653 Database Theory and Applications

MGMT 3043 Human Resource Management
MGMT 3063 Production/Operations Management
MGMT 3103 Organizational Behavior
MGMT 4623 Leadership

III. Related Work **6**

COMM 1113 Fundamentals of Human Communication
MATH 1613 Functions and Modeling

V. Electives **8**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

For graduation, a minimum grade point average of 2.25 is required in II.

INFORMATION TECHNOLOGY MANAGEMENT
Data Analytics Concentration
Bachelor of Science

Major Code -- 0612

I. General Education (44 HOURS)

12 hours (COMM 2253, ECON 2003, MATH 1613 and MIS 1903) counted in the Major
Includes recommended math course MATH 1613

Other hours needed **32**

II. Major in Information Technology Management **78**

A. Required General Education 6

MIS 1903 Computer Business Applications

B. Required in the ITM Core 39
ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
BSEC 2603 Bus and Econ Statistics
BUCOM 3133 Bus Communications & Report Writing
BUS 1113 Foundations of Business **OR**
MGMT 4013 Project Management II
BUSLW 3213 The Legal Environment of Business
ECON 2013 Principles of Microeconomics
FIN 3113 Financial Management
ITM 4653 Database Theory and Applications
ITM 4753 Software Development & Team Dynamics
MGMT 3013 Principles of Management
MIS 3433 Management Information Systems
MKTG 3313 Principles of Marketing
ECON 2003 Principles of Macroeconomics

C. Required for Concentration in Information Systems 33
BSEC 3103 Foundations of Data Analytics
BSEC 4003 Advanced Data Analytics
BUS 4103 Global Business
BUS 4213 Business Ethics
CMPSC 1113 Computer Programming I
ITM 3473 Data Visualization
MGMT 3023 Project Management I
MIS 3453 Advanced Computer Business Applications

Nine (9) hours from the following courses:
FIN 3223 Investment Analysis
FIN 4626 Applied Finance
ITM 3423 Web Development
ITM 3613 Data Communications & Computer Networks
ITM 3823 Cybersecurity
ITM 3843 Cloud Management
ITM 4653 Database Theory and Application
MKTG 4413 Marketing Research
MKTG 4623 Marketing Analytics & Strategy

III. Related Work **6**

Required General Education 6
COMM 1113 Fundamentals of Human Communication
MATH 1613 Functions and Modeling

IV. Minor (Not Required)

V. Electives **4**

VI. Total Hours Required **120**

VII. Special Requirements

A 2.25 is required in sections A and B.

Note: All courses that have prerequisites are also labeled "or departmental approval"

The OSRHE computer proficiency graduation requirement will be met through completion of MIS 1903 (including equated or substituted courses), OR successful completion of an associate of arts or associate of science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.

Minor in Information Systems - 610A

MIS 1903 Computer Business Applications
MIS 3433 Management Information Systems

Twelve (12) hours from the following:
ACCT 2103 Financial Accounting
ENTR 3103 Intro to Entrepreneurship
ITM 3423 Web Development
ITM 3613 Data Communications & Computer Networks
ITM 3823 Cybersecurity
ITM 4653 Data Base Theory and Applications
ITM 4753 Software Development and Team Dynamics
MGMT 3013 Principles of Management
MIS 3453 Advanced Comp Business Applications
MKTG 3313 Principles of Marketing

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Project Management - 610B

ACCT 2103 Financial Accounting
MGMT 3013 Principles of Management

Required Courses: (must be taken in order listed)
MGMT 3023 Project Management I
MGMT 4013 Project Management 11
MGMT 4023 Project Management III

Three (3) hours Business Administration, Information Technology Management, or Computer Science Upper level course.

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Data Analytics - 610C

BSEC 2603 Business and Economic Statistics
BSEC 3103 Foundations of Data Analytics
ITM 3473 Data Visualization
MIS 1903 Computer Business Applications
MIS 3433 Management Information Systems

Three (3) hours Business Administration, Information Technology Management, or Computer Science Upper Level course

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Military Science - 690A

MS 1000 Military Science Leadership Lab (must be taken each semester)
MS 1313 Intro to Military Leadership and Personal Development
MS 2122 Foundations of Leadership
MS 3422 Foundations of Tactical Leadership
MS 3315 Military Leadership and Management
MS 3325 Military Tactics and Operations

Three hours from the following:

HIST 3133 Contemporary American History
HIST 4713 Civil War and Reconstruction in the United States
PS 4353 Study of War

Minimum Total Hours 20

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Certificate in Business (Banking and Finance) - 5000

Required Core Courses: **9**
ACCT 2103 Financial Accounting
BUS 2883 Special Studies in Bus Math and Stats **OR**
BSEC 2603 Bus and Econ Statistics
FIN 4103 Essentials of Banking and Finance

Elective Courses: **21**
Select 21 hours from the following:
BUCOM 3133 Business Comm and Report Writing
COMM 2253 Communication in the Workplace
ECON 2003 Principles of Macroeconomics
FIN 3113 Financial Management
FIN 3833 Commercial Bank Management
FIN 3913 Insurance Planning and Risk Management
FIN 4263 Real Estate Development and Investment
ITM 3613 Data Commun & Computer Networks
MGMT 3043 Human Resources Management
MIS 1903 Computer Business Applications
MKTG 3813 Professional Selling

Total Hours Required **30**

Certificate in Business (Entrepreneurship) - 5010

Required Core Courses: **24**
ACCT 2103 Financial Accounting
BUCOM 3133 Business Comm and Report Writing
BUS 2883 Special Studies in Bus Math and Stats **OR**
BSEC 2603 Bus and Econ Statistics
ENTR 3103 Intro to Entrepreneurship
ENTR 4413 Bus Planning & Strategy for Entrepren **OR**
ENTR 4503 Venture Creation
MGMT 3013 Principles of Management
MKTG 3313 Principles of Marketing
MKTG 3353 Retailing and eBusiness Management **OR**
MKTG 3813 Professional Selling

Elective Courses: **6**
Select 6 hours from the following:
ACCT 2203 Managerial Accounting
ACCT 3203 Cost Accounting I
ACCT 3303 Intermediate Accounting I
ACCT 3453 Advanced Computer Acct Applications
BUSLW 3213 The Legal Environment of Business
COMM 2253 Communication in the Workplace
COMM 3243 Presentational Communication
ENTR 4413 Bus Planning & Strategy for Entrepren
ENTR 4503 Venture Creation
MIS 3453 Advanced Computer Business Applications
MKTG 3353 Retailing and eBusiness Management
MKTG 3813 Professional Selling
MKTG 4413 Marketing Research

Total Hours Required **30**

Certificate in Business (Global Business) - 5050

Required Core Courses: **15**
BUS 4103 Global Business
MGMT 3013 Principles of Management
MGMT 3043 Human Resources Management
MGMT 3103 Organizational Behavior
MGMT 4623 Leadership

Elective Courses: **15**
Select 15 hours from the following:
ACCT 4983 Seminar: International Accounting Systems
BUCOM 3133 Bus Comm and Report Writing
BUS 4213 Business Ethics
BUS 4983 Seminar: European Economics
MIS 3433 Management Information Systems
MKTG 3313 Principles of Marketing
MKTG 3423 Integrated Marketing Comm **OR**
Other upper level Accounting or Business Administration courses pre-approved by the department

Special Requirement
This certificate requires a minimum of one semester Study Abroad. The Business Administration Department must pre-approve the business curriculum at the University of Limoges in France or pre-approve another International University before the student studies abroad.

Total Hours Required **30**

Certificate in Business (Human Resources Management) - 5020

Required Core Courses: **24**
BUCOM 3133 Business Comm and Report Writing
BUSLW 4253 Employment and Labor Law
COMM 1113 Fundamentals of Hum Comm **OR**
COMM 2253 Communication in the Workplace
MGMT 3013 Principles of Management
MGMT 3043 Human Resources Management
MGMT 3103 Organizational Behavior
MGMT 4313 Compensation and Benefits
MGMT 4323 Human Resources Training and Development

Elective Courses: **6**
Select 6 hours from the following:
BUS 4213 Business Ethics
COMM 3243 Presentational Communication
ENTR 3103 Introduction to Entrepreneurship
ENTR 4413 Bus Planning & Strategy for Entrepren
MGMT 4623 Leadership
MIS 3453 Adv Computer Bus Applications
MKTG 3313 Principles of Marketing

Total Hours Required **30**

Certificate in Business (Management Information Systems) - 5030

Required Core Courses: **15**

CMPSC 1113 Computer Programming I
ITM 4653 Data Base Theory and Applications **OR**
CMPSC 4213 Data Base Design
ITM 4753 Software Develop & Team Dynamics **OR**
CMPSC 3943 Software Design and Development
MGMT 3023 Project Management I
MIS 3453 Advanced Computer Business Applications

Elective Courses: **15**

Select 15 hours from the following:
ACCT 2003 Fin & Mgrl Acct for Non-Bus Majors
ENTR 3103 Intro to Entrepreneurship
ITM 3423 Web Development
ITM 3613 Data Communications & Computer Networks
ITM 3823 Cybersecurity
MGMT 3013 Principles of Management
MIS 1903 Computer Business Applications
MKTG 3313 Principles of Marketing

Total Hours Required **30**

(Promotions Management) - 5060

Required Core Courses: **21**

ACCT 2103 Financial Accounting **OR**
ACCT 2003 Financial and Managerial Acct for Non-Business Majors
MCOM 3343 Imaging for Media **OR**
MCOM 3843 Advertising Copy & Layout
MCOM 3893 Public Relations
MCOM 4813 Public Relations Writing
MGMT 3013 Principles of Management
MKTG 3313 Principles of Marketing
MKTG 3423 Integrated Marketing Comm

Elective Courses: **9**

Select 9 hours from the following:
BUCOM 3133 Business Comm and Report Writing
COMM 1113 Fundamentals of Human Comm
COMM 2253 Communication in the Workplace
MCOM 3343 Imaging for Media (If not taken above)
MCOM 3843 Advertising Copy & Layout (If not taken above)
MGMT 3043 Human Resources Management
MGMT 4623 Leadership
MKTG 3353 Retailing and eBusiness Management
MKTG 3813 Professional Selling
MKTG 4413 Marketing Research
MKTG 4623 Marketing Analytics and Strategy

Total Hours Required **30**

Certificate in Business (Project Management/Management) - 5040

Required Core Courses: **15-18**

Business Majors:
ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
MGMT 3013 Principles of Management

Non-Business Majors:
ACCT 2003 Fin & Mgrl Acct for Non-Bus Majors
MGMT 3013 Principles of Management

Required Specialized Courses:
MGMT 3023 Project Management I
MGMT 4013 Project Management II
MGMT 4023 Project Management III

Elective Courses: **12-15**

Select 12-15 hours from the following:
ACCT 3203 Cost Accounting I
CMPSC 3233 Linux Tools
CMPSC 3943 Software Design and Development
CMPSC 4223 Unix System Administration
COMM 1113 Fundamentals of Hum Comm **OR**
COMM 2253 Communication in the Workplace
ENTR 4413 Bus Planning & Strategy for Entrepren
ENTR 4503 Venture Creation
FIN 3113 Financial Management
FIN 4623 Applied Finance
ITM 4753 Software Development & Team Dynamics
MGMT 3063 Production/Operations Management
MGMT 3103 Organizational Behavior
MGMT 4623 Leadership
MGMT 4813 PM-Project Mgmt Professional (PMP) Certification Prep Course
MIS 3433 Management Information Systems
MKTG 3313 Principles of Marketing
MKTG 3333 Digital Marketing
MKTG 3813 Professional Selling

Total Hours Required **30**

Certificate in Business



Section VI

COLLEGE OF EDUCATION AND PSYCHOLOGY

Jerry Mihelic, Dean

DEPARTMENT OF EDUCATION

Majors Offered
Early Childhood Education (Teacher Certification) - BS
Elementary Education (Teacher Certification) - BSEd

Minor Offered
Education

Courses

Prefix	Subject
EDUC	Education
EDLBS	Education-Library Science
EDMA	Education-Mathematics
EDPSY	Education-Psychology
H/P/E	Human Resources-Psychology-Education
HHFS	Human Dev, Hospitality & Food Science
LIBSC	Library Science

DEPARTMENT OF KINESIOLOGY

Majors Offered
Kinesiology - BS

Minor Offered
Kinesiology

Courses

Prefix	Subject
KIN	Kinesiology
PSYKN	Psychology-Kinesiology

DEPARTMENT OF PSYCHOLOGY

Major Offered
Psychology - BS
Behavior Health - BS

Minor Offered
Psychology

Courses

Prefix	Subject
EDPSY	Education-Psychology
H/P/E	Human Resources-Psychology-Education
HRPSY	Human Resources - Psychology
PSYCH	Psychology
PSYKN	Psychology-Kinesiology
PYSOC	Psychology-Sociology

INTERNSHIP HOURS

The internship hours in CEP are calculated and governed by the various accreditation agencies (National and State). The agencies include regulations regarding the qualifications of mentors, supervisors, and placements.

DEPARTMENT OF EDUCATION

Chair and Associate Professor Sharber
Associate Professors Jones, Tessman
Assistant Professors Felts, Deighan, Moore
Instructors Caruthers, Caruthers, Lynch, Snell, Sparlin

The Department of Education serves the University in three essential functions. The first function is to prepare students in the three areas of specialization the department offers at the undergraduate level: Elementary Education and Early Childhood Education. The areas of specialization lead to teacher licensure and certification in Oklahoma. The second function is to provide professional education courses which enable competent educators in all of the teacher education programs at the University. The third and final function is the offering of eight options at the master's level (see Section on School of Graduate Studies). The graduate program prepares individuals for a variety of occupations in public schools, related positions in institutions, business, industry, or hospitals.

Each teacher certification program offered at East Central University is nationally accredited by The Council for the Accreditation of Educator Preparation. The teacher preparation program addresses both national standards and Oklahoma's required 10 competencies. All standards are delivered within ECU's PRIDE conceptual framework where faculty are committed to preparing Professional, Reflective, Innovative and Dedicated Educators. Integrated throughout the program are technology standards and best practices in STEM education. These experiences are enhanced by additional workshops organized through ECU's Institute for Math and Science Education. Students preparing to teach in secondary schools acquire a content knowledge base and competency in their respective specialty fields to teach at the middle school, junior high, or high school level. Elementary Education majors are prepared to teach in elementary, middle school, or junior high through eighth grade. Early Childhood Education majors prepare to teach in nursery schools, kindergartens, and grades one through three. Field experiences provide supervised interactions with public school children before and during student teaching.

All teacher certification programs provide academic backgrounds for students wishing to pursue graduate level education. These advanced studies lead to an expanded professional knowledge base and set of skills which may provide access and entry into professional careers in education. The professional careers include school administration, supervision, educational technology, library media, guidance and counseling, special education, school psychology and psychometry, and research.

Elementary Education Program

Elementary Education majors develop skill and competency in educating children in grades one through eight. The student acquires an academic foundation in language arts, mathematics, science, and social studies by completing at least twelve semester hours in each of these content areas. Elementary Education majors expand their teaching knowledge and skills in the use of teaching methods, materials, various assessment instruments, and appropriate technologies toward meeting the educational needs of elementary students. They develop perspective and skills in planning, organizing, implementing, and evaluating learning activities and lessons. Students also learn appropriate classroom management skills that provide a setting and climate conducive to learning and growth.

Early Childhood Education Program

Students who major in Early Childhood Education complete courses concentrating on the development and education of young children. This program leads to state certification for teaching children in nursery school, kindergarten, and grades one, two, and three. The study focuses students on (a) developing an understanding of the unique characteristics and needs of pre-primary and primary level children, (b) learning to assess emerging skills, and (c) planning and executing learning activities appropriate for young learners at various stages of development. Early Childhood majors complete twelve semester hours in each of these areas: science, mathematics, social studies, and language arts. The student who majors in Early Childhood Education will gain practical experiences with prekindergarten through third grade children before and during the student teaching experience.

Criteria for Admission to Teacher Education

Students who are considering teacher education as a career must make an application for admission into the Teacher Education Program. Applications for admission will be completed while enrolled in EDUC 2012, Diversity in American Education. Applications for Teacher Education are considered in light of the student's disposition for the teaching profession, work in Block I, college grade point average, English Composition grades or HNRS 2313 in place of ENG 1213, grade in Fundamentals of Human Communication, personnel records, and other pertinent data, including but not limited to, OSRHE requirements. An interview, which includes an evaluation of ethics, is held with the student by a team of education faculty. After full consideration, the applicant is either admitted to the teacher education program or referred for a second interview. After a second interview if an applicant is denied, a student can appeal to the Professional Education Committee (see section titled, "Appeals, Suspension, and Dismissal").

A student must meet the following criteria to be admitted to the Teacher Education Program:

1. Submit a completed "Admission for Teacher Education Application" form. Applications can be obtained from the Department of Education.
2. After completion of at least **36 credit hours** with a grade point of **2.5 or better,** the student may enroll in EDUC 2012 Diversity in American Education (by the end of the
semester must have completed at least 44 credit hours).
3. Achieve a "C" or above in ENG 1113 Freshman Composition I, ENG 1213 Freshman Composition II or HNRS 2313 Enduring Questions: Perspectives from Rhetoric and Research (Honors Students Only), and COMM 1113 Fundamentals of Human Communication. The student can be currently enrolled in these courses but may not progress to professional block II without achieving a "C" or better upon completion of each course.
4. Receive a satisfactory recommendation from an education faculty interview committee.
5. Provide documentation of experiences working with children/youth (completion of EDUC 2211 Field I or concurrent enrollment will satisfy this state requirement) as required by the state.
6. Provide a clear background check that does not contain a felony conviction. Acceptable background checks will be approved by the Department of Education.
7. Meet one of the requirements as outlined by OSRHE 3.21.3 in the OSRHE Academic Affairs Policy and Procedures manual.

If a person is denied entry into the Teacher Education Program a written appeal may be submitted to the Teacher Education Committee for a hearing and reconsideration. Appeal procedures are available upon request from the Director of Teacher Education.

If a person is denied entry into the Teacher Education Program a new application for admission may be submitted.

Requirements for Retention and Graduation in Teacher Education

Students who are admitted to the Teacher Education Program and intend to graduate from the program must maintain their eligibility while enrolled. The Teacher Education Program has an ongoing informal evaluation, and specified reviews of teacher education majors regarding continued eligibility for retention, certification, and graduation in teacher education. The following is the review procedure for retention:

1. A continuous informal evaluation is in progress for each student enrolled in professional education classes. This evaluation is accomplished by each professor being sensitive to special problems or concerns that may be noted. If a problem or concern is observed and is considered serious enough to be a part of the student's record, the professor will file a formal report, or Dispositional Concern, with the Chair of the Department of Education. This report will be the basis for a formal reevaluation of the student by an appropriate committee to determine the eligibility and suitability of the student to remain in teacher education.
2. The second review in the retention program takes place as needed at the request of the Director of Teacher Education and consists of the following three parts: (a) the student's grade point average will be examined, (b) a formal performance review by the Education Department, and (c) the student's dispositions will be reviewed. A student who has not maintained an overall grade point average of 2.5 or better in all college work attempted may not enroll in additional professional education courses until the grade point average is 2.5 or better. Unsatisfactory portfolio work may result in a dispositional concern and impact eligibility for program retention. An unfavorable evaluation by the Education Department will lead to a formal reevaluation of the student by an appropriate committee to determine the eligibility and suitability of the student to remain in teacher education. A student with an unsatisfactory second review will not be allowed to continue in the program unless a plan of improvement is successfully completed, if offered by the Director of Teacher Education.
3. The third review in the retention process occurs at the time the student applies for student teaching when eligibility for student teaching will be examined.
4. The evaluation process continues through all Block IV coursework.
5. Throughout the program of study, students may be required to receive a C or better in major area program coursework. If a D or below is received, a student will be required to retake the course. Students should check with their advisor regarding their program's requirements.

A student who is removed from the Teacher Education Program as a result of the review procedure may appeal to the Professional Education Committee for a hearing and submit evidence of cause for reconsideration (see section titled, "Appeals, Suspension, and Dismissal").

Appeal, Dismissal, and Suspension

Admission Process—Appeal

A candidate who is denied admission to the Teacher Education Program who wishes to appeal this decision must request, in writing, to the Director of Teacher Education, a hearing within ten (10) calendar days of receipt of written notice of the proposed action. The student will be afforded those rights available under an administrative hearing. A hearing date will be set, and the student will be notified of the date, time, and location of the hearing by the chair of the committee. The Professional Education Committee has the responsibility for conducting due process hearings for students who wish to appeal a decision or policy regarding teacher education. The chair of the committee shall render in writing, the findings of facts and the decision. This written decision will be completed within a reasonable period of time. The Director of Teacher Education will decide if the student will be allowed to attend classes, including field experiences and student teaching, during the pendency of the hearing. Additional information concerning the process for appealing may be obtained from the office of the Director of Teacher Education.

Denial of Admission or Dismissal from the Teacher Education Program

The obligation for maintaining academic integrity, professional standards and ethics, and legal responsibilities should be considered fundamental in the preparation of future educators. ECU's Teacher Education Program assumes this obligation to parents, guardians, public schools, and the State of Oklahoma. In this respect, the Teacher Education Program will attempt to screen and deny admission or dismiss from the program those candidates deemed unsuitable teacher education students. This is an attempt to protect public school students from unacceptable teacher candidates and future ineffective teachers. In addition, this good faith effort will preserve the credibility and effectiveness of the Teacher Education Program in maintaining its relationship with public school districts and demonstrate the program's efforts to provide teacher candidates who are suited to teach public school PK-12 students.

East Central University maintains the obligation to deny admission to or dismiss from the Teacher Education Program at any time, any student whose personal conduct is deemed detrimental to:
1. The welfare of students in the public schools;
2. The teacher education program's effective working relationship with the public schools;
3. The candidate's future success in the program;
4. The candidate's ability to effectively teach;
5. The teacher education program's role in training future educators; or
6. The profession of teaching. Behavior that may constitute grounds for dismissal from the teacher education program includes, but is not limited to, conduct that may result in felony conviction.

A student/teacher candidate who is denied admission or who is being considered for dismissal from the Teacher Education Program for personal conduct shall be so notified in writing by the Director of Teacher Education. Such notice shall include a statement of:
1. The proposed action;
2. The grounds for the proposed action;
3. The evidence sustaining the alleged personal conduct in question; and
4. The opportunity to appeal the proposed action to the Professional Education Committee.

Suspension from the Teacher Education Program

A candidate shall be suspended immediately when there is reasonable belief that grounds exist for such suspension from the Teacher Education Program. In addition, if there is a reasonable belief, the immediate suspension of a candidate is necessary because it is to be considered in the best interests of the Teacher Education Program, the public schools, or public school students, then the Director of Teacher Education, or in the absence of the Director, a designee, may suspend the candidate immediately from the Teacher Education Program, including field experiences or student teaching. When circumstances arise indicating there is an immediate need to suspend, the candidate will be notified verbally or in a delivered message from the Director. The process for dismissal of a candidate from the Teacher Education Program will be initiated, if necessary, within five calendar days following suspension of the candidate. To the extent possible, a candidate reinstated after the initiation of the suspension from the Teacher Education Program will be restored to their previous position and status without action detrimental to their studies, progress, and evaluation of their work.

Application Requirements for Student Teaching Candidacy

A teacher education candidate is required to file an "Application for Admission to Student Teaching" during the semester preceding the one in which he or she expects to do student teaching. The application is filed during the senior year and preceding enrollment in student teaching courses.

1. Single-sign on account created with the Oklahoma State Department of Education;
2. Current, cleared background check on file with the Oklahoma State Department of Education. This background check differs from the background check completed in field experience. Candidates must have successfully completed a background check by the Oklahoma State Bureau of Investigation (OSBI) and the Federal Bureau of Investigation (FBI) prior to receiving a Teaching License. Fingerprint information may be reviewed at the Oklahoma State Department of Education (SDE) website. Candidates may submit two fingerprint cards to the OSDE in time for this review to be completed prior to the issuance of the License.
3. Transcript showing at least 90 completed college hours;
4. Letter showing admission to the ECU College of Education Teacher Education Program;
5. Transcript showing completion of sufficient work during the junior or senior years at East Central University in the teaching program to provide an adequate basis for evaluation of readiness for student teaching;
6. Certification from Coordinator of Field Experience & Student Teaching confirming the academic preparation of the candidate to complete Student Teaching candidacy, and that the previous three field experiences represent diverse settings and/or populations;
7. Verify second language competency at the novice-high level;
8. Transcript showing a grade C or better in major course work (unless otherwise allowed by program)
9. Transcript showing a grade point average of 2.5 or better in all college work attempted and in university work attempted;
10. Transcript showing a grade of "C" or better earned in the following Professional Education courses:

- EDUC 2402 Survey of Exceptional Children
- EDUC 2012 Diversity in American Education
- EDUC 2211 Field Experience I
- EDUC 2631 Foundations of Educational Technology
- EDUC 3001 Field Experience II
- EDUC 4632 Strategies for Implementing Educational Technology
- EDUC 4042 Strategies for Effective Teaching
- EDUC 4611 Field Experience III
- EDPSY 3513 Educational Psychology
- PSYCH 3463 Child and Adolescent Psychology

Unless a teacher candidate meets all of these requirements the application will be denied. Once all requirements have been met and approved, candidates will be notified by email from the Coordinator of Field Experience & Student Teaching that they have been accepted to the cohort.

Applicants who are not admitted to the student teaching semester may appeal in writing (See Appeal, Dismissal, Suspension Policy).

DEPARTMENT OF KINESIOLOGY

Associate Professor and Chair Prather
Assistant Professor Kashwer, Lancaster, Stowers
Instructors McCarty, McGaha-J., McGaha-M.

Physical Activity – an integral part of the educational experience – contributes effectively to a student's general development. The Department of Kinesiology gives students the means to educate the total person for living in an enlightened society. The study of human movement is the unique content of the Kinesiology program. Choices in Wellness is the course that is offered for the general education requirement and provides students with the knowledge and skills necessary to make lifestyle choices which positively affect one's health and well-being. The Kinesiology Department also provides support courses for other majors or teaching concentrations.

Kinesiology Program

The Kinesiology program prepares students for careers in the fitness/wellness profession, as well as research-oriented careers. Prospective employers include health clubs, recreational facilities, hospital-based wellness programs, cardiac rehabilitation programs, sports medicine clinics, as well as preparing students for various medical professions such as: athletic training, physical therapy, physical assistant, and physician's assistant.

Many Kinesiology majors use interdisciplinary studies to prepare for working with special populations such as senior citizens or owning their own fitness business such as personal training. The coursework for this degree includes a core of courses in the broad field of Kinesiology concentrating on knowledge and skills necessary for appropriate exercise testing, prescription, and leadership.

Minor

In addition to the Kinesiology degree programs, a minor in Kinesiology is offered to allow students to gain more in-depth knowledge and skill in the selected field and provides excellent supportive coursework to other major programs offered at ECU.

DEPARTMENT OF PSYCHOLOGY

Professor and Chair Klippenstine
Professors U. Fountain
Associate Professors Roberson, C. Roring,
Assistant Professors Autrey, Pitt, Simpson, Williams
Instructors Leaf, S. Roring

The Department of Psychology is actively involved in fulfilling the three functions of a University: Teaching, Research, and Service. These three functions merge as professors have students participate in research, use research findings and student research to enrich classes, and provide a service to the community by teaching needed skills and providing needed services. As a behavioral science, it employs the scientific method to greatly enhance the problem-solving abilities of people. Further, since psychology involves the study of behavior, it enables people to understand themselves better and to understand others. General Psychology is the course that fulfills the general studies function. It is a general course in which the student learns the principles of behavior and how to apply these to everyday living. The Department of Psychology provides support courses for majors in other areas. For example, majors in elementary education, nursing, and professional programs in human services, take courses in psychology to develop the understanding and skills necessary to function in their professions. The Department of Psychology provides a major field of study with two options (i.e., Traditional, Behavioral Health) leading to the Bachelor of Science Degree. Just as in the minor field of study, some students majoring in psychology do not intend to become professional psychologists. These students may use psychology to enter professional schools such as medicine, dentistry, law, or theology. Others use psychology as a liberal education and enter business and industry or use this knowledge and these skills to become effective parents or citizens in the communities in which they live. Finally, of course, students choose to major in psychology because they want to go on to graduate school and make psychology their professional career.

PSYCHOLOGY PROGRAM

Psychology is the science of human behavior. As a field, it attempts to develop technologies that will help understand the dynamics of human behavior as a means of developing a profession that will promote human welfare. As such, the undergraduate program at East Central University prepares its students through classwork, student professional organizations such as Psi Chi, field trips, assisting the faculty in professional endeavors such as research and application, and close relationships with the faculty to help understand and get to know, on a broad basis, the field of psychology. This training prepares the student to work at an entry level in the following areas: mental health clinics, hospitals, counseling centers, corrections, and many other areas including being prepared to enter graduate school.

The mission of the Psychology Program is an integral part of the overall mission of East Central University. The mission of the university includes providing a number of baccalaureate, pre-professional and graduate programs. The program addresses this goal by providing an undergraduate degree program in Psychology. Instruction in Psychology at the undergraduate level utilizes the following formats: lecture, video and multimedia material, field trips, research and library report writing, and direct hands-on experience both in the research laboratory and clinic setting.

College of Education & Psychology Internship Hours

The internship hours in CEP are calculated and governed by the various accreditation agencies (National and State). The agencies include regulations regarding the qualifications of mentors, supervisors, and placements.

PROFESSIONAL EDUCATION SEQUENCE

Course			Hours
EDUC	2402	Survey of Exceptional Children	2
PSYCH	3463	Child and Adolescent Psychology	3

The following courses to be taken when a sophomore or junior:

EDUC	2012	Diversity in American Education (To be taken in same term as EDUC 2211 and 2631)	2
EDUC	2631	Foundations of Education Technology (To be taken in the same term as EDUC 2012 and 2211)	1
EDUC	2211	Field Experience I (To be taken in same term as EDUC 2012 and 2631)	1

The following courses to be taken when a junior:

EDPSY	3513	Educational Psychology (To be taken in same term as EDUC 3001)	3
EDUC	3001	Field Experience II (To be taken in same term as EDPSY 3513)	1

The following courses to be taken when a senior:

EDUC	4042	Strategies for Effective Teaching (To be taken in same term as EDUC 4611 and 4632. For all secondary education teacher certification majors) OR	2
EDUC	4052	Effective Teaching in Secondary Education (To be taken in same term as EDUC 4611 and 4632. For all secondary education teacher certification majors)	
EDUC	4632	Educational Technology Integration Strategies (To be taken in the same term as EDUC 4042 and 4611)	2
EDUC	4611	Field Experience III (To be taken in same term as EDUC 4042 and 4632)	1

The following courses to be taken when a senior, either the first or second semester. (No other courses shall be taken.)

EDUC	4262	Student Teaching Seminar I	2
EDUC	4282	Student Teaching Seminar II	2

The first, second, or third pair of the following courses:

EDUC	4954	Supervised Student Teaching Elementary Schools
EDUC	4954	Supervised Student Teaching Elementary Schools
EDUC	4964	Supervised Student Teaching Grades PK-12
EDUC	4964	Supervised Student Teaching Grades PK-12
EDUC	4974	Supervised Student Teaching Secondary Schools

EARLY CHILDHOOD EDUCATION

Bachelor of Science — Major Code -- 0540

I. General Education **40**

40 hours (Required: ENG 1113, ENG 1213 or HNRS 2313; MATH 1413,1513, or 1613; PS 1113, HIST 2483 or 2493; UNIV 1001; HIST 1113, 1123, or 2613; BIO 1114, PHSCI 1114, PSYCH 1113, HUM 2313, or 2323, or 2413; GEOG 1214; KIN 2183. Demonstrate novice high competency in a foreign language or comple a Foreign Language or American Sign Language course with a C or higher

A. Required General Education **40**

ENG 1113	Freshman Composition I
ENG 1213	Freshman Composition II or HNRS 2313
PS 1113	US Government
PSYCH 1113	General Psychology
BIO 1114	General Biology
PHSCI 1114	General Physical Science
KIN 2183	Basic Nutrition
UNIV 1001	Tiger Connect
GEOG 1214	Earth Science

one of the following

HIST 2483	US History Survey to 1877
HIST 2493	US History Survey Since 1877

one of the following

HIST 1123	Modern Western Civilization
HIST 1113	Foundations of Western Civilization
HIST 2613	Explorations World History and Culture

one of the following

HUM 2313	Multicultural American Literature
HUM 2323	Global Literature or HNRS 1313
HUM 2413	Responding to Literature

one of the following

MATH 1413	Survey of Mathematics
MATH 1513	College Algebra
MATH 1613	Functions and Modeling

Note: Students must meet each of the five General Education Student Learning Outcomes at least once. See General Education check sheet for SLO designations.

II. Major in Early Childhood Education **33**

EDLBS 4913	Children's Literature
EDUC 3013	Methods of Emergent Literature
EDUC 3033	Soc & Guid Young Child
EDUC 3043	Educ, Dev, & Obs Young Child
EDUC 3333	Meth in Creative Arts Yng Child
EDUC 3463	Foundations of Reading
EDUC 3483	Methods of Reading
EDUC 3493	Reading Assessment for Instruction
EDUC 3503	Meth Elem Math - Primary
EDUC 3603	Sci & Soc Stu for Early Childhood
EDUC 3753	Meth of Early Childhood Education

III. Related Work **12**

MATH 2713	Mathematical Concepts I
MATH 2723	Mathematical Concepts II
MATH 2733	Mathematical Concepts III
COMM 1113	Fundamentals of Human Communication

IV. Professional Education **30**

EDUC 2402	Survey of Exceptional Child
PSYCH3463	Child and Adolescent Psychology
EDUC 2012	Diversity in American Education
EDUC 2631	Foundations of Educational Technology
EDUC 2211	Field Experience I
EDPSY 3513	Educ Psychology
EDUC 3001	Field Experience II
EDUC 4042	Strategies for Effective Teaching
EDUC 4611	Field Experience III
EDUC 4632	Education Technology Integration Strategies
EDUC 4262	Student Teaching - Seminar I
EDUC 4282	Student Teaching - Seminar II Classroom Management
EDUC 4954	Supervised Student Tchng Elem Schools
EDUC 4954	Supervised Student Tchng Elem Schools

V. Electives **5**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher

ELEMENTARY EDUCATION

Bachelor of Science in Education — Major Code -- 0130

I. General Education **40**

40 hours (Required: ENG 1113, ENG 1213 or HNRS 2313; MATH 1413,1513, or 1613; PS 1113, HIST 2483 or 2493; UNIV 1001; HIST 1113, 1123, or 2613; BIO 1114, PHSCI 1114, PSYCH 1113, HUM 2313, or 2323, or 2413; GEOG 1214; KIN 2183). Demonstrate novice high competency in a foreign language or comple a Foreign Language or American Sign Language course with a C or higher

A. Required General Education **40**

ENG	1113	Freshman Composition I
ENG	1213	Freshman Composition II or HNRS 2313
PS	1113	US Government
PSYCH	1113	General Psychology
BIO	1114	General Biology
PHSCI	1114	General Physical Science
KIN	2183	Basic Nutrition
UNIV	1001	Tiger Connect
GEOG	1214	Earth Science

one of the following

HIST	1123	Modern Western Civilization
HIST	1113	Foundations of Western Civilization
HIST	2613	Explorations World History and Culture

one of the following

HIST	2483	US History Survey to 1877
HIST	2493	US History Survey Since 1877

one of the following

HUM	2313	Multicultural American Literature
HUM	2323	Global Literature or HNRS 1313
HUM	2413	Responding to Literature

one of the following

MATH	1413	Survey of Mathematics
MATH	1513	College Algebra
MATH	1613	Functions and Modeling

Note: Students must meet each of the five General Education Student Learning Outcomes at least once. See General Education check sheet for SLO designations.

II. Major in Elementary Education **33**

EDUC	3333	Methods in Creative Arts for Yng Child
EDLBS	4913	Children's Literature
EDUC	3463	Foundations of Reading
EDUC	3483	Methods of Reading
EDUC	3493	Reading Assessment for Instruction
EDUC	3713	Meth for Elem Soc Stu
EDUC	3753	Methods of Early Childhood Education
EDUC	3013	Methods of Emergent Literacy
EDUC	3613	Method of Elem Natural Science
EDUC	3503	Meth Elem Math/Primary
EDUC	3513	Meth Elem Math/Intermediate

III. Related Work **12**

A. Required Related Work

MATH	2713	Mathematical Concepts I
MATH	2723	Mathematical Concepts II
MATH	2733	Mathematical Concepts III
COMM	1113	Fundamentals of Human Communication

IV. Electives **5**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Professional Education **30**

EDUC	2402	Survey of Exceptional Child
PSYCH	3463	Child and Adolescent Psychology
EDUC	2012	Diversity in American Education
EDUC	2631	Foundations of Educational Technology
EDUC	2211	Field Experience I
EDPSY	3513	Educ Psychology
EDUC	3001	Field Experience II
EDUC	4042	Strategies for Effective Teaching
EDUC	4611	Field Experience III
EDUC	4632	Education Technology Integration Strategies
EDUC	4262	Student Teaching - Seminar I
EDUC	4282	Student Teaching - Seminar II
EDUC	4954	Supervised Student Tchng Elem Schools
EDUC	4954	Supervised Student Tchng Elem Schools

VI. Total Hours Rquired **120**

VII. Special Requirements

Demonstrate novice high competency in a foreign language or completea Foreign Language or American Sign Language course with a C or higher

Minor in Education - 660A

EDUC 2402 Survey of Exceptional Children
PSYCH 1113 General Psychology
PSYCH 3463 Child and Adolescent Psychology

Select 11 additional hours from the following list of courses.
EDUC 3013 Methods of Emergent Literacy
EDUC 3333 Meth in Creative Arts Yng Child
EDUC 3463 Foundations of Reading
EDUC 4013 Pract Strat and IDEA for Beh Disord

If selected from the list below, only one KIN class may be counted toward an EDUC minor.
KIN 3233 Adapted Physical Education
KIN 3552 Meth of Elem P E

If selected from the list below, only one additional PSYCH course will be counted toward an EDUC minor.
PSYCH 3063 Physiological Psychology
PSYCH 3613 Psychology of Learning and Cognition
PSYCH 3833 Behavioral Science Statistics
PSYCH 4112 Psychology of Exceptional Children

Content area methods classes can be considered with departmental approval.

Field Experience courses can be considered with departmental approval.

Minimum Total Hours **19**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

KINESIOLOGY

Bachelor of Science — Major Code -- 0202

I. General Education (40 Hours) **40**

II. Major in Kinesiology **63**

KIN	1963	Intro to Kinesiology
KIN	2122	Choices in Wellness
KIN	2223	Sports Nutrition
KIN	2273	First Aid
KIN	2413	Applied Anatomy
KIN	2433	Theory of Coaching
KIN	2713	Care and Prevention of Athletic Injuries
KIN	3103	Technology in Kinesiology
KIN	3233	Adapted Physical Education
KIN	3303	Fundamentals of Sports Administration
KIN	3353	Research and Evaluation of Kinesiology
KIN	3563	Health Promotion
KIN	3613	Motor Learning
KIN	3723	Biomechanics
KIN	3733	Physiology of Exercise
KIN	3883	Legal Aspects of Kinesiology
KIN	4153	Organization and Administration
KIN	4223	Strength and Conditioning
KIN	4284	Practicum
KIN	4593	Psychology of Sports
KIN	4623	Exercise Testing and Prescription

IV. Minor (Not Required) **0**

V. Electives **19**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

Four hours credit in basic or recruit military training is granted for one year or more of continuous active full-time military service. This credit includes two hours of elective credit, and two hours which may be applied as KIN 2122 Choices in Wellness.

PSYCHOLOGY

Bachelor of Science — Major Code -- 0371

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Psychology **44**

A. Required Core Courses 19

PSYCH	1113	General Psychology
HRPSY	3253	Psychology of Aging
PSYCH	2313	History and Systems of Psychology
PSYCH	2403	Sociocultural Psychology
PSYCH	4001	Psychology Senior Seminar
PSYCH	4133	Abnormal Psychology
PSYCH	4413	Psychology of Personality

B. Required for Concentration in Psychology 10

PSYCH	3114	Experimental Psychology
PSYCH	3833	Behavioral Science Statistics
PSYCH	3933	Writing & Design for Psych Research

C. Required Electives 15

1. One or Two of the following:

PSYCH	3463	Child and Adolescent Psychology
PSYCH	4443	Child Development
PSYCH	4453	Adolescent Development

2. Two of the following:

PSYCH	3023	Introduction to Health Psychology
PSYCH	3053	Intro to Clinical & Counseling Psychology
PSYCH	3063	Physiological Psychology
PSYCH	3613	Psychology of Learning & Cognition
PSYCH	4213	Psychological Tests & Measurment
PSYCH	4323	Behavioral Management
PYSOC	2213	Social Psychology

3-6 hours of approved 3000-4000 level electives in Psychology (may include additional courses from Section D2). EDPSY 3513 and PSYCH 4112 may not be taken for psychology degree credit.

III. Related Work **3**

One of the following:

MATH	1223	Intro to Probability and Stats OR
MATH	1513	College Algebra OR
MATH	1613	Functions and Modeling

IV. Minor (not required)

V. Electives **39**

Student must take adequate number of upper level hours. There are 32-35 upper level hours built into the Psychology degree, therefore students must take a minimum of 5-8 hours of upper level courses in order to meet the 40-hour upper level requirement. While not required, a minor in a field related to a future career is recommended.

VI. Total Hours Required **120**

VII. Special Requirements

PSYCHOLOGY
Behavioral Health Concentration
Bachelor of Science

Major Code -- 0372

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Psychology **34**

A. Required Core Courses 19

PSYCH	1113	General Psychology
HRPSY	3253	Psychology of Aging
PSYCH	2313	History and Systems of Psychology
PSYCH	2403	Sociocultural Psychology
PSYCH	4001	Psychology Senior Seminar
PSYCH	4133	Abnormal Psychology
PSYCH	4413	Psychology of Personality

B. Required for Concentration in Psychology 12

PSYCH	3023	Introduction to Health Psychology
PSYCH	3053	Intro to Clinical & Counseling Psychology
PSYCH	3463	Child and Adolescent Psychology
PSYCH	4213	Psychological Tests & Measurement

C. Required Electives 3

3 hours of approved 3000-4000 level electives in Psychology. EDPSY 3513 and PSYCH 4112 may not be taken for psychology degree credit.

III. Related Work **3**

One of the following:

MATH	1223	Intro to Probability and Stats OR
MATH	1513	College Algebra OR
MATH	1613	Functions and Modeling

IV. Minor (not required)

V. Electives **49**

Student must take adequate number of upper level hours. There are 25 upper level hours built into the Psychology degree, therefore students must take a minimum of 15 hours of upper level courses in order to meet the 40-hour upper level requirement. Students are encouraged to take courses from BIOL, BUS, CRJS, HURES, EDUC and SOC to enhance the breadth of their psychology degree.

VI. Total Hours Rquired **120**

VII. Special Requirements

Minor in Psychology - 370A

PSYCH 1113 General Psychology

Three of the following:

HRPSY 3253 Psychology of Aging
PSYCH 2313 History and Systems of Psychology
PSYCH 3063 Physiological Psychology
PSYCH 3463 Child & Adolescent Psychology
PSYCH 3613 Psychology of Learning and Cognition
PSYCH 4133 Abnormal Psychology
PSYCH 4213 Psychological Tests and Measurements
PSYCH 4323 Behavioral Management
PSYCH 4413 Psychology of Personality
PSYCH 4443 Child Development
PSYCH 4453 Adolescent Development
PYSOC 2213 Social Psychology

Nine (9) hours of approved 3000-4000 level electives in Psychology (may include additional courses from the list above). EDPSY 3513 and PSYCH 4112 may not be taken for psychology degree credit.

Total Minimum Hours **21**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.



Section VII

COLLEGE OF HEALTH AND SCIENCES

Kenneth D. Andrews, Dean

DEPARTMENT OF BIOLOGICAL & ENVIRONMENTAL SCIENCES

Majors Offered
Biology - BS
Biology (Clinical Laboratory Scientist) - BS
Biology (Ecology) - BS
Biology (Health Sciences) - BS
Biology (Medical Botany) - BS
Biology (Molecular Biology) - BS
Biology (Teacher Certification) - BS
Environmental Health Science - BS
Environmental Health Science (Environmental Management & Natural Resources) - BS
Environmental Health Science (Public Health) - BS

Minor Offered
Biology
Environmental Health Science
Public Health
Environmental Management & Natural Resources

Courses

Prefix	Subject
B/C/P	Biol/Chem/Physics
BIOL	Biology
MEDTE	Medical Technology
CARTO	Cartography
EHS	Environmental Science
GEOG	Geography
GEOL	Geology
GECAR	Geography-Cartography
GESOC	Geography-Sociology
SOSTU	Social Studies

DEPARTMENT OF PHYSICAL SCIENCES

CHEMISTRY

Majors Offered
Chemistry - BS
Chemistry (Teacher Certification) - BS
Chemistry (Biochemistry) - BS

Minor Offered
Chemistry

Courses

Prefix	Subject
B/C/P	Biol/Chem/Physics
CHEM	Chemistry

PHYSICS

Majors Offered
Physics - BS
Physics (Medical Physics) - BS
Physics (Teacher Certification) - BS

Minor Offered
Physics

Courses

Prefix	Subject
B/C/P	Biol/Chem/Physics
PHSCI	General Physical Science
PHYS	Physics

COURSES OFFERED IN ENGINEERING

Courses Prefix	Subject
ENGR	Engineering

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Majors Offered	Minor Offered
Computer Science - BS	Computer Science
Mathematics (Applied Mathematics/ Pre-Actuary) - BS	Mathematics
Mathematics (Data Science Applications) - BS	
Mathematics (General Mathematics) - BS	
Mathematics (Teacher Certification) - BS	

Courses Prefix	Subject
EDMA	Education-Mathematics
CMPSC	Computer Science
CPSMA	Computer Science--Mathematics
MATH	Mathematics

SCHOOL OF NURSING

Major Offered	Minor Offered
Nursing - BS	---
Nursing (RN to BSN) - BS	

Courses Prefix	Subject
NRSG	Nursing

DEPARTMENT OF BIOLOGICAL & ENVIRONMENTAL SCIENCES

Professor and Chair Bay
Professor and Robert S. Kerr Endowed Chair Sewell
Professors Biles, Gilbert
Associate Professor Howard
Assistant Professors Brumley, Dudley, Moring, Nesbit, Wang
Instructor E. Howard

The Department of Biological & Environmental Sciences provides undergraduate training for students interested in the life sciences who may wish to pursue careers in this area. Biological & Environmental Sciences is a continually expanding discipline with a variety of career opportunities. The faculty and facilities of the Department permit the investigation of Biological & Environmental Sciences at the subcellular, cellular, organismal, population, and community level. Courses taught in the Department emphasize scientific principles and concepts that aid in understanding structure, function and behavior of individual organisms, and how individual organisms interact within the natural environment. Several scholarships are available to qualified students. Departmental scholarships include the Thomas J. McKnight Biology Scholarship and the Fred and Mary Pfeffer Scholarship. Other scholarships are available through the Academic Scholarship Program and the East Central University Foundation. For students who plan to teach, there are scholarships available through the College of Education and Psychology.

There are several clubs and societies available for Biological & Environmental Sciences students. The ones currently active are the Tri-Beta Club, the Pre-Dentistry Club, and the Society for Wildlife and Ecological Biologists.

BIOLOGY DEGREE PROGRAM

The Bachelor of Science in Biology degree program offers majors in six bachelor degree concentrations. A Bachelor of Science is designed for students who plan to become practicing biologists in industry or government, or plan to pursue a graduate degree in biology. This degree concentration is usually chosen by those students who need pre-professional training before entering the schools of medicine, dentistry, veterinary medicine, or other health-related professional schools. A Bachelor of Science for Teacher Certification gives a prospective science teacher an appropriate academic background in biology and in the methods of teaching. The Bachelor of Science for Molecular Biology prepares students for graduate research and/or employment in the rapidly growing fields of biotechnology, agribusiness, industry, law enforcement, and molecular biology. A Bachelor of Science for Clinical Laboratory Science prepares students to conduct and supervise complex medical tests, clinical trials, and research experiments; manage clinical laboratories; and consult with physicians and clinical researchers on diagnoses, disease causation and spread, and research outcomes. This degree concentration requires three years of prescribed study on campus followed by a year of clinical training in an approved hospital or School of Clinical Laboratory Science. A Bachelor of Science for Medical Botany empowers students to apply coursework in Botany, Zoology, Genetics, Physiology, Microbiology, Medical Botany, Entomology and Plant Ecophysiology. It provides flexibility through electives so that many path options are available all with the goal in mind of students understanding the complex relationship between plants and humans. Ultimately, this deep understanding will enable students to enter graduate school or employment so that they may transform their futures in biotech, agribusiness, pharmacology, medicine, homeopathy, horticulture, law, Native American affairs, research, industry and others into successful futures. A Bachelor of Science in Ecology, and a Bachelor of Science in Health Sciences are also offered.

CLINICAL LABORATORY SCIENCE CONCENTRATION

This concentration requires a minimum of ninety-four semester hours credit of prescribed study on the campus, followed by a clinical component (30 hours) which consists of a year of approved professional training in Clinical Laboratory Science. The professional training must be done in a school of clinical laboratory science approved by the University and by the Oklahoma Consortium of Clinical Laboratory Science Affiliates.

Requirements for admission to the clinical component of clinical laboratory science:

1. Complete the general education requirements.
2. Complete prescribed science and math courses or equivalent courses.
3. Complete a sufficient number of approved electives to complete the minimum requirement of ninety-four semester hours.
4. Grade average must be a 2.5 or better overall and in the specific work in science and math.
5. Ten semester hours of the ninety-four must be done in upper-division courses (3000 and 4000 level).

Attainment of the requirements above does not guarantee admission to the clinical component of the program. The number of applicants placed is based on the number of applicants accepted by affiliated Schools of Clinical Laboratory Science.

ENVIRONMENTAL HEALTH SCIENCE PROGRAM

The Bachelor of Science in Environmental Health Science (EHS) provides graduates with the interdisciplinary education needed for professional careers in areas such as: hazardous materials management, environmental program planning, industrial food safety, disease vector control, occupational safety and health, and water resources management. Concentrations in the EHS Program include Bachelor of Science in EHS for Environmental Management and Natural Resources, and a Bachelor of Science in EHS for Public Health. Environmental Health Sciences program graduates have been selected for professional positions in public health departments, private industries, state and federal environmental agencies, the United States Public Health Service Commissioned Corps and in private environmental consulting firms. In addition, the program prepares EHS majors for graduate study in a wide variety of disciplines.

The EHS program is one of 31 baccalaureate programs accredited by the National Environmental Health Science and Protection Accreditation Council and has maintained accreditation since 1975. EHS majors must complete a total of 55 hours of core courses in environmental health and environmental science which includes a supervised, professional internship at an approved site. The internship provides students with an opportunity to integrate their academic preparation with actual work experiences. EHS majors must also complete supporting courses in biology, chemistry, physics, and mathematics. A minor is advised, but not required.

DEPARTMENT OF PHYSICAL SCIENCES

Professor and Chair Myers
Professor Crittell, McInnes, Williams
Assistant Professors Bryhan, Jha, Maples

The Department of Chemistry/Physics is comprised of two disciplines--Chemistry and Physics. The department offers Bachelor of Science degree programs with a major and a minor in each of these academic areas. Specific features of each program are detailed below.

CHEMISTRY

The Department of Chemistry offers both a major and a minor in chemistry, a major in chemistry with a biochemistry concentration, a major in chemistry for teacher certification, and courses needed for those wishing to teach biology, chemistry, physics, physical science, or general science at the public school level. The department also functions as a support and service department for required courses in biology, nursing, environmental science, and allied health programs.

Additionally, the department provides pre-professional studies for students pursuing medicine, engineering, pharmacy, veterinary medicine, physical therapy, and medical technology.

A quality program of study is made possible through small classes, opportunity for student/professor interaction, and the unique situation of having the Robert S. Kerr Environmental Research Center located in Ada, OK. Cooperative agreements with this governmental institution allow expanded opportunities for study, research, quality analytical instrumentation, and possible student employment while at ECU.

CHEMISTRY PROGRAM

In compliance with the recommendations of the American Chemical Society for curricula in undergraduate chemical education, the department offers courses in all five major areas of chemistry: inorganic, analytical, organic, physical, and biochemistry.

PHYSICS

Physics is one of the most fundamental and all-inclusive of the sciences. It is an attempt to understand the foundations of our universe through the study of motion, force, energy, sound, electricity, magnetism, thermodynamics, heat, light, and quantum mechanics. Physics students use advanced mathematics to solve challenging experimental or theoretical problems, so they often major in mathematics as well. The ability to analyze a problem and find the best possible solution is vital to success in many fields. As a result, physics graduates often work in such seemingly non-related areas as medicine, law, biology, business, or military science, as well as in engineering, mathematics, computer science, or industry.

In addition to the university's program of financial aid, the department provides positions for student workers. Several departmental scholarships are awarded annually, and the department participates in the LS-OKAMP program awarding scholarships and research stipends for qualifying minority students. Interested students should contact the Department Chairman for further information.

PHYSICS PROGRAM

All physics students begin with Engineering Physics I and II and mathematics through Calculus II. Advanced courses are selected to prepare them for one of four main areas: employment in physics or engineering, graduate studies in physics or engineering, the teaching profession at the secondary level, or graduate studies in medical physics.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Associate Professor and Chair Harper
Professor Wells
Associate Professors Jacob, Lastrina, Lynam
Assistant Professors Tarver, Ufimstev
Instructors McClain, Nell

The Department Mathematics and Computer Science currently offers five concentrations which leads to a Bachelor of Science degree: General Mathematics, Teacher Certification in Mathematics, Mathematics - Applied/Pre-Actuary, Data Science Applications, and Computer Science.

The Mathematics Program offers four concentrations which lead to a Bachelor of Science degree. The curriculum is flexible and can be adapted to a variety of student interests. After completing one of the four concentrations, program graduates typically enter the job market as applied mathematicians in business or industry, actuarial trainees, or certified teachers of secondary school mathematics. Some program graduates pursue study in graduate school leading to advanced degrees in mathematics, statistics, computer science, finance, or management science while others elect to pursue further study in a professional school such as law or medicine.

The Computer Science Program provides a solid education in all major areas of Computer Science with an emphasis on Software Engineering. Computer Science students complete a Bachelor of Science degree in four years. Our graduates are typically employed by large companies who need skilled software design specialists to work on the forefront of the field. Computing facilities include powerful Linux-based and Windows based terminals as well as graphics workstations. Department computers have internet access and are loaded with mathematical and statistical software packages for use in classroom teaching, student research and downloadable for home use.

MATHEMATICS PROGRAM

General Mathematics Concentration

The General Mathematics concentration provides preparation for the student who plans to enter a graduate program in mathematics or to seek immediate employment. A student taking this concentration, in consultation with his or her advisor, should choose elective courses which meet the entrance requirements of the desired graduate program. This concentration is often part of a double major with Physics, Computer Science, or other sciences. In addition to the core courses required for all mathematics majors, students in this concentration also take courses emphasizing proof writing.

Teacher Certification Concentration

The Teacher Certification concentration, in conjunction with professional education courses, prepares students for teaching mathematics at the secondary level.

Majors take courses in education, mathematics, and mathematics education. Curriculum emphasizes pedagogy, technology, diversity, and current trends in education. Graduates of this concentration are in high demand locally, state-wide, and nationally. Most graduates of this concentration quickly find employment in the country, or elsewhere in Oklahoma and surrounding states. In addition to the core courses required for all mathematics majors, students in this concentration also take courses specifically for education majors.

Applied Mathematics/ Pre-Actuary Concentration

The Applied Mathematics/Pre-Actuary concentration prepares students for entry into the job market as an applied mathematician or actuarial trainee, for a career in finance, or for entry into a graduate program in applied mathematics, actuarial science, statistics, finance, or quantitative management science. In addition to the core courses required for all mathematics majors, students in this concentration also take courses in business.

Data Science Applications Concentration

The Data Science Applications concentration is for students interested in applying mathematics, statistics, and computer science to a wide range of business problems. With a broader focus, students in this concentration will be prepared to work in a variety of industries—analytics, data science and big data. Students finishing this program will have a variety of skills in mathematics, statistics, computer science, programming, and analytics. They will have specific skills related to data science in database design, data extraction, data wrangling, data scraping, data visualization, machine learning, deep learning, and artificial intelligence. Students will also gain the interdisciplinary skills to succeed in this fast-growing field. In addition to the core courses required for all mathematics majors, students in this concentration also take courses in computer science.

COMPUTER SCIENCE PROGRAM

The Computer Science degree program prepares students for a career in the world of technology. Both online and in-seat options for majors of this program. Lucrative salaries and opportunities to work on interesting and challenging projects are the rewards which await those who choose the Computer Science major. Technology touches essentially every aspect of life. Students have access to a powerful Linux-based mainframe as well as the University computer network. Majors have access to both labs and 24/7 remote access. The curriculum is designed using guidelines published by the Association of Computing Machinery (ACM). Courses provide students excellent training in the scientific and technical areas of computing and the preparation necessary to pursue graduate work in this field. The course of study is mathematical in nature with emphasis on software engineering.

SCHOOL OF NURSING

Assistant Professor, Chair and Director Duncan
Assistant Professor, Gray, Ollila
Instructors Dilday, Forgety, Garman, Jordan, Leach, Lewis, McCallum, McDaniel, Powers, Schneider, Sipes.

ACCREDIDATION

The ECU School of Nursing is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to write the National Council Licensure Examination (NCLEX) for registered nurses. Applicants for Oklahoma licensure must meet all state and federal requirements to hold an Oklahoma license and practice nursing. Specific requirements may be found at Oklahoma Board of Nursing.

The School of Nursing at East Central University located in Ada, Oklahoma is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326. 405-975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the ECU School of Nursing is continuing accreditation. View the public information disclosed by the ACEN regarding this program at www.acennursing.us/accreditedprograms/programSearch/htm

PRE-LICENSURE NURSING PROGRAM

The School of Nursing offers the Bachelor of Science with a major in Nursing degree to pre-licensure students. A minimum of 121 hours is required for graduation, to include 40 general education, 21 required related work, and 60 in the major. Courses prepare students to provide high-quality, professional nursing care in a variety of settings. See additional information at School of Nursing.

PRE-LICENSURE ADMISSION REQUIREMENTS

Admission decisions are based upon published criteria, faculty input, and program outcomes. The fall semester admission cycle opens October 1st and closes March 1; the spring semester admission cycle opens on April 1st and closes September 1st. Any exceptions to admission criterion must be reviewed and approved on a case-by-case basis by the Director and a committee of faculty. Students should work with their nursing advisor regarding the need for a possible exception.

1. Must meet university admission requirements; apply and be accepted to ECU prior to starting the program.

2. Minimum retention and program grade point average of 2.7/4.0, and grades of “C” or higher in all required related work.

3. Completion of a minimum of 24 credit hours of general education/ required related work/support courses, or the equivalent thereof at the time of application.

4. English Comp I & II, Math requirement, Chemistry, Biology, Human Anatomy (A&P I), Nutrition, and General Psychology must be completed prior to beginning the program.

5. Entrance exam must be taken by the application deadline, with a minimum score achieved, as outlined in the application information.

6. Once provisionally admitted, complete all remaining requirement related to clinical, attestations, and accreditation.

RN to BSN ONLINE

ECU School of Nursing also offers a fully online RN to BSN option. These students are licensed registered nurses with an associate degree or diploma in nursing who are interested in earning a Bachelor of Science with a major in nursing. The school recognizes registered nurses as self-motivated adult learners who possess a base of knowledge and experience upon which to build and grow. There are admission/entry points each semester and once in the summer, a flexible curriculum, and the ability to complete the program in less than 12 months. Additional information on this program can be found at www.online.ecok.edu.

RN to BSN applicants must have a retention GPA of 2.0/4.0 and be graduates of an accredited program. They must hold a valid RN from the state in which they are practicing, and must maintain this license throughout their degree program. Applicants must meet university admission requirements and complete an application by contacting the online admissions team at online.ecok.edu or contact them at onlineadmissions@ecok.edu for assistance. A minimum passing grade, per university standards is required for acceptance of all related work courses.

A minimum of 129 credit hours are required for graduation. Allowance of (6) six transfer hours and (30) hours advanced standing credit may be given upon the completion of NRSG 3223 in the first term of the program with a grade of "C" or better.

The nursing program is approved by the Oklahoma Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc., 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA 30326, phone (405) 975-5000. http://www.acenursing.org

Requirements for Admission to the RN to BSN Online Nursing Program

1. Must have a minimum cumulative GPA of 2.0/4.0.

2. Must meet university admission requirements.

3. Must complete an application with ECU Online Admission Team at onlineadmissions@ecok.edu or online.ecok.edu.

4. Must have graduated with an associate's degree or diploma from an accredited nursing program.

5. Must hold a valid, unencumbered Registered Nurse license.

6. F-1 Visa holders are not eligible for the RN to BSN program due to the fully online format.

BIOLOGY

Bachelor of Science — Major Code -- 0040

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in BIOLOGY **48**

A. Required in Biology Core 20

BIOL 1114	General Biology
BIOL 1214	General Botany
BIOL 1314	General Zoology
BIOL 3434	Genetics

One of the following

BIOL 3514	General Physiology
BIOL 3634	OR Human Physiology

B. Required in BIOLOGY Major 12

BIOL 2344	Microbiology
BIOL 4313	Cell and Molecular Biology
BIOL 4414	General Ecology
BIOL 4881	Biology Senior Seminar

C. Required Electives 16
16 hrs of elective biology with minimum of 11 hrs in 3000-4000 level courses (NOT BIOL 4473 and BIOL 4713)

D. Recommended Related Electives

CHEM 4114	Organic Chemistry II
CHEM 4213	Biochemistry
CHEM 4221	Biochemistry Lab
EHS 3703	Biostatistics
MATH 1223	Intro. To probability and Statistics
PSYCH 3833	Behavioral Science Statistics
SOC 3833	Statistics for Social Scienes

III. Required Related Work **23**

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
MATH 1513	College Algebra †
PHYS 1114	General Physics I
PHYS 1214	General Physics II

IV. Electives **20**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
"Teachers" or "methods" courses may not be counted in the major.

A pre-medicine or pre-dentistry student may earn the bachelor of science degree by completing three years of work in the bachelor of science degree program and one year in a professional school. Complete information may be obtained from the Records Office.

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

Minor in Biology - 040A

BIOL 1114	General Biology
BIOL 1214	General Botany
BIOL 1314	General Zoology
BIOL 2344	General Microbiology

Three hours of Upper Level electives (may not include B/C/P 4113, BIOL 4473, 4713, 4881)

Minimum Total Hours **19**

"Teachers" or "methods" courses may not be counted in the minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

BIOLOGY
Clinical Laboratory Scientist Concentration
Bachelor of Science

Major Code -- 004A

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Biology **62-63**

A. Required Core Courses 20

BIOL	1114	General Biology
BIOL	1214	General Botany
BIOL	1314	General Zoology
BIOL	3434	Genetics
BIOL	3514	General Physiology OR
BIOL	3634	Human Physiology

B. Required in Clinical Lab Science Concentration 42-43

BIOL	2344	General Microbiology
BIOL	3683	Immunology
BIOL	4881	Senior Seminar
MEDTE	4117	Clinical Microbiology
MEDTE	4125	Clinical Chemistry I
MEDTE	4236	Clinical Hematology
MEDTE	4246	Clinical Immunology
MEDTE	4325	Clinical Chemistry II
MEDTE	4351	Topics in Med Tech
		One of Following:
BIOL	2184	Human Anatomy
BIOL	3245	Comparative Vertebrate Anatomy

III. Required Related Work **19-21**

CHEM	1114	General Chemistry I
CHEM	1214	General Chemistry II
CHEM	3114	Organic Chemistry I
CHEM	4213	Biochemistry
CHEM	4221	Biochemistry Lab
MATH	1513	College Algebra † OR
MATH	2825	Calculus and Analytic Geometry I

IV. Minor

Not required.

V. Electives **7-11**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

Students interested in the 3+1 degree program (ECU-OSUCOM) can apply for early admission to the OSU College of Osteopathic Medicine and earn an ECU bachelors degree in biology by completing the first year of medical school at OSUCOM (D.O. degree). Complete information on the program can be obtained from the Records Office or the Department of Biological and Environmental Sciences.

BIOLOGY
Ecology Concentration
Bachelor of Science

Major Code -- 004B

I. General Education **40**
A maximum of 12 hours may be counted in both the major/ related work and general education.

II. Major in Biology: Ecology **58**

A. Required in Biology Core 20

BIOL 1114	General Biology
BIOL 1214	General Botany
BIOL 1314	General Zoology
BIOL 3434	Genetics
BIOL 3514	General Physiology OR
BIOL 3634	Human Physiology

B. Required in Ecology Concentration 22

BIOL 2002	Intro. Research Experience
BIOL 3245	Comparative Vertebrate Anatomy
BIOL 3934	Limnology
BIOL 4123	Evolution
BIOL 4323	Experimental Design in Biol. Science
BIOL 4414	General Ecology
BIOL 4881	Senior Seminar

C. Required Electives 5-8 hrs
elective courses in biology with minimum of 12hrs in 3000-4000 level courses (NOT BIOL 4473, 4713

III. Required Related Work **26-28**

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
MATH 1513	College Algebra † OR
MATH 2825	Calculus and Analytic Geometry I
PHYS 1114	General Physics I
PHYS 1214	General Physics II

Choose one of the following: 3

EHS 3703	Biostatistics
MATH 1223	Intro. To Probability and Statistics
PSYCH 3833	Behavioral Science Statistics
SOC 3833	Stats for Social Sciences
PSYCH 3833	Behavioral Science Statistics
SOC 3833	Statistics for Social Sciences

IV. Electives **6-9**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours **120**

VI. Special Requirements
Teachers or methods courses do not count in this major

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

BIOLOGY
Health Sciences Concentration
Bachelor of Science

Major Code -- 004C

I. General Education **40**
A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in BIOLOGY (Health Science Conc) **45-49**

A.Required in Biology Core 20

BIOL 1114	General Biology
BIOL 3434	General Botany
BIOL 1314	General Zoology
BIOL 3434	Genetics
BIOL 3514	General Physiology OR
	BIOL 3634 Human Physiology

B. Required in Health Science Conc. 16-17

BIOL 2184	Human Anatomy OR
BIOL 3245	Comparative Vertebrate Anatomy
BIOL 2344	General Microbiology
BIOL 4313	Cell and Molecular Biology
BIOL 4414	General Ecology
BIOL 4881	Senior Seminar

C. Required Electives 9-12

Choose 3 of the following:

BIOL 2113	Medical Terminology
BIOL 3013	Research Methods and Bioethics
BIOL 3034	Medical Botany
BIOL 3254	Medical Entomology
BIOL 3623	Biochemistry of Human Disease
BIOL 3654	Histology
BIOL 3683	Immunology
BIOL 4113	Vertebrate Embryology
BIOL 4553	Pathogenic Microbiology

III. Required Related Work **29-31**

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
MATH 1513	College Algebra † OR
MATH 2825	Calculus or Analytic Geometry I
PHYS 1114	General Physics I
PHYS 1214	General Physics II
PSYCH 1113	General Psychology

one of following:

EHS 3703	Biostatistics & Envir. Calculations
MATH 1223	Intro to Probability and Statistics
PSYCH 3833	Behavioral Science Statistics
SOC 3833	Statistics for Social Sciences

IV. Minor (not required) **0**

V. Electives **11-18**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
"Teachers" or "methods" courses do not count in the major.

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

BIOLOGY
Medical Botany Concentration
Bachelor of Science

Major Code -- 004D

I. General Education **40**
A maximum of 12 hours may be counted in both the major/ related work and general education.

II. Major in Biology--Medical Botany **60**

A. Required Core Courses 20
BIOL 1114 General Biology
BIOL 1214 General Botany
BIOL 1314 General Zoology
BIOL 3434 Genetics
BIOL 3514 General Physiology OR
BIOL 3634 Human Physiology

B. Required in Medical Botany Concentration 16
BIOL 2344 Microbiology
BIOL 3034 Medical Botany
BIOL 3234 General Entomology
BIOL 3674 Plant Ecophysiology

C. Required Electives 24
Select 12 hrs of:
ACCT2103 Financial Accounting
ACCT2203 Managerial Accounting
ANTH 2003 Intro. To Cultural Resource Management
BUCOM 3133 Business Communication & Report Wr.
BUS 1113 Foundations of Business
BUSLW 3213 Legal Envir. Of Business
BUSLW 3253 Business Law
ECON 2013 Principles of Economics
EHS 4013 Native American Environmental Health
LS 4143 Intro. To Native American Law
LSPS 2153 Intro. To Law
NAS 3003 Tribal Sovereignty and Federal Indian Policy
SOC 3003 Native American Sociology

Select 12 hrs of:
BIOL 2103 Horticulture
BIOL 3143 Ethnobotany
BIOL 3524 Mycology
BIOL 4014 Integrated Pest Management
BIOL 4123 Evolution
BIOL 4553 Pathogenic Microbiology
CHEM 3124 Chemistry of Food
CHEM 3214 Quantitative Analysis I
CHEM 3484 Instrumental Analysis
EHS 4143 Food Hygeine and Consumer Protection
HHFS 3114 Food Science
HHFS 3514 Food Distribution Management
PSYCH 1113 General Psychology
PSYCH 4133 Abnormal Psychology

III. Required Related Work **21-23**

CHEM 1114 General Chemistry I
CHEM 1214 General Chemistry II
CHEM 3114 Organic Chemistry I
KIN 2183 Basic Nutrition
MATH 1513 College Algebra † OR
MATH 2825 Calculus and Analytic Geometry I
MIS 1903 Computer Business Applications

IV.Electives **8-12**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
"Teachers" or "methods" courses do not count in the major.

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

BIOLOGY
Molecular Biology Concentration
Bachelor of Science

Major Code -- 0049

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Biology--Molecular Concentration **49-50**

A. Required in Biology Core 20

BIOL 1114	General Biology
BIOL 1214	General Botany
BIOL 1314	General Zoology
BIOL 3434	Genetics

One of the Following:

BIOL 3514	General Physiology OR
BIOL 3634	Human Physiology

B. Required in Molecular Biology Concentration: 20-21

BIOL 2344	General Microbiology
BIOL 3013	Research Methods & Bioethics
BIOL 4313	Cell and Molecular Biology
BIOL 4545	Advanced Molecular Biology
BIOL 4881	Senior Seminar

One of the Following:

BIOL 2184	Human Anatomy
BIOL 3245	Comparative Vertebrate Anatomy

C.Required Electives. Select from: 9

BIOL 2243	Intro. To Biotechnology
BIOL 2773	Forensic Biology
BIOL 3553	Genomics and Bioinformatics
BIOL 3623	Biochemistry of Human Disease
BIOL 3683	Immunology
BIOL 4763	Biochemical Genetics
BIOL 4981-4	Seminar in Biology

III. Related Work **33-35**

CHEM	1114	General Chemistry I
CHEM	1214	General Chemistry II
CHEM	3114	Organic Chemistry I
CHEM	4213	Biochemistry
CHEM	4221	Biochemistry Lab
PHYS	1114	General Physics
PHYS	1214	General Physics II
MATH	1513	College Algebra

One of the Following: 3

MATH	2825	Calculus & Analytical Geometry OR
MATH	2613	Calculus for Bus, Life and Soc Sciences

One of the Following: 3

EHS	3703	Biostatistics and Environmental Calc.
MATH	1223	Intro. To probability and Statistics
PSYCH	3833	Behavioral Science Statistics
SOC	3833	Statistics for Social Sciences

IV. Minor (not required)

V. Electives **6-10**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

With department approval, students may omit MATH 1513 and begin with MATH 2825.

BIOLOGY
Teacher Certification Concentration
Bachelor of Science

Major Code -- 0041

I. General Education **40**

17 hrs may be counted in both the major and general education (BIOL 1114, CHEM 1114, MATH 1513, COMM 1113, PSYCH 1113)

II. Major in Biology- Teacher Certification **31-32**

A. Required Biology Core 20

BIOL 1114 General Biology
BIOL 3434 General Botany
BIOL 1314 General Zoology
BIOL 3434 Genetics
BIOL 3514 General Physiology OR
BIOL 3634 Human Physiology

C.Required for Concentration in Teacher certification 11-12

B/C/P 4113 Method Teaching BIOL/PHYS SCI
BIOL 4414 General Ecology

one of following:
BIOL 2184 Human Anatomy
BIOL 3245 Comparative Vertebrate Anatomy

III. Required Related Work **34-36**

CHEM 1114 General Chemistry I
CHEM 1214 General Chemistry II
COMM 1113 Fund. Of Human Communication
MATH 1513 College Algebra † OR
MATH 2825 Calculus and Analytic Geometry I
PHYS 1114 General Physics I
PHYS 1214 General Physics II
PHYS 1314 Astronomy
PSYCH 1113 General Psychology

select one of following:
CHEM 1314 General Organic and Biochemistry
CHEM 3114 Organic Chemistry I
CHEM 3214 Quantitative Analysis I

AND

3 hrs earth science electives

IV. Minor

Professional education is used as a minor.

V. Professional Education **30**

VI. Electives **0-2**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VII. Special Requirements

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

VII. Total Hrs Required **120**

CHEMISTRY

Bachelor of Science **Major Code -- 0100**

I. General Education **40**
A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in CHEMISTRY
37-38

A. Required in Chemistry Core 20

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
CHEM 3214	Quantitative Analysis I
CHEM 4114	Organic Chemistry II

B. Required in Chemistry Concentration 14

CHEM 3484	Instrumental Analysis
CHEM 4213	Biochemistry
CHEM 4413	Advanced Inorganic Chemistry
CHEM 4514	Physical Chemistry I

C. Required Electives 3-4
At least 3 hours from the following:

CHEM 4221	Biochemistry Laboratory
CHEM 4421	Advanced Inorganic Chemistry Laboratory
CHEM 4614	Physical Chemistry II
CHEM 4981-4	Seminar in Chemistry (Subject named in title listing)
CHEM 4991-4	Individual Studies in Chemistry (Subject named in title listing)

III. Related Work **22-30**

BIOL 1114	General Biology
MATH 1513	College Algebra †
MATH 1713	Trigonometry †
MATH 2825	Calculus and Analytic Geometry I
MATH 3025	Calculus and Analytic Geometry II
PHYS 1114	General Physics I OR
PHYS 2115	Engineering Physics I
PHYS 1214	General Physics II OR
PHYS 2225	Engineering Physics II

Recommended Related Work
Geology, additional physics, biology (not BIOL 1114), and computer science

IV. Minor (Required) **18-33**
The minor with the chemistry major must be biology, environmental health science, mathematics, or physics

V. Electives **0-15**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

† With department approval, students may omit MATH 1513 and/or MATH 1713 and begin with MATH 2825

"Teachers" or "methods" courses do not count in the major.

CHEMISTRY
Biochemistry Concentration
Bachelor of Science

Major Code -- 0103

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Chemistry - Biochemistry Concentration **38**

A. Required in Chemistry Core 20
CHEM 1114 General Chemistry I
CHEM 1214 General Chemistry II
CHEM 3114 Organic Chemistry I
CHEM 3214 Quantitative Analysis I
CHEM 4114 Organic Chemistry II

B. Required in Biochemistry Concentration 18
CHEM 3484 Instrumental Analysis
CHEM 4213 Biochemistry
CHEM 4221 Biochemistry Laboratory
CHEM 4413 Advanced Inorganic Chemistry
CHEM 4514 Physical Chemistry I
CHEM 4523 Advanced Biochemistry

C. Recommended Electives
CHEM 4421 Advanced Inorganic Chemistry Laboratory
CHEM 4531 Advanced Biochemistry Laboratory
CHEM 4614 Physical Chemistry II
CHEM 4981-4 Seminar in Chemistry
(Subject named in title listing)

CHEM 4991-4 Individual Studies in Chemistry
(Subject named in title listing)

III. Related Work **32-40**
BIOL 1114 General Biology
BIOL 1314 General Zoology OR
BIOL 2344 General Microbiology
BIOL 2184 Human Anatomy
BIOL 3634 Human Physiology
BIOL 4313 Cell and Molecular Biology
MATH 1513 College Algebra †
MATH 1713 Trigonometry †
MATH 2825 Calculus and Analytic Geometry I
PHYS 1114 General Physics I OR
PHYS 2115 Engineering Physics I
PHYS 1214 General Physics II OR
PHYS 2225 Engineering Physics II

IV. Minor

No minor is required for the Biochemistry Concentration

V. Electives

13-22

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired

120

VII. Special Requirements

† With department approval, students may omit MATH 1513 and/or MATH 1713 and begin with MATH 2825

"Teachers" or "methods" courses do not count in the major.

CHEMISTRY
Teacher Certification Concentration
Bachelor of Science **Major Code -- 0101**

I. General Education 40
17 hrs may be counted in both the major and general education (BIOL 1114, CHEM 1114, MATH 1513, COMM 1113, PSYCH 1113)

II. Major in Chemistry- Teacher **30**

Certification A. Required Core Courses 20

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
CHEM 3214	Quantitative Analysis I
CHEM 4114	Organic Chemistry II

B.Required for Concentration in Teacher certification 3

B/C/P 4113	Method Teaching BIOL/PHYS SCI

C. Required Chemistry Electives 7
Seven hours of chemistry electives

III. Required Related Work **41-43**

BIOL 1114	General Biology
BIOL 1314	General Zoology
BIOL 2184	Human Anatomy
BIOL 3634	Human Physiology
COMM 1113	Fundamentals of Human Communication
GEOG 1214	Earth Science
MATH 1513	College Algebra † OR
MATH 2825	Calculus and Analytic Geometry I
PSYCH 1113	General Psychology
PHYS 1114	General Physics I
PHYS 1214	General Physics II
PHYS 1314	Astronomy

IV. Minor **30**
Professional education is used as a minor.

V. Professional Education

EDUC	2402	Survey of Excep. Child
PSYCH	3463	Child and Adolescent Psych.
EDUC	2021	Foundations of Education
EDUC	2631	Foundations of Education Technology
EDUC	2211	Field Experience I
EDPSY	3513	Education Psychology
EDUC	3001	Field Experience II
EDUC	4052	Effective Teaching in Secondary Education
EDUC	4611	Field Experience III
EDUC	4632	Education Technology Integration Strategies
EDUC	4262	Student Teaching Seminar
EDUC	4282	Student Teaching Seminar II
EDUC	4974	Sup Student Tchg Secondary School
EDUC	4974	Sup Student Tchg Secondary School

VI. Total Hours Required **124-126**

VII. Special Requirements

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

COMPUTER SCIENCE

Bachelor of Science **Major Code -- 0510**

I. General Education **40**
A maximum of twelve hours may be counted in both the major/ related work and general education.

II. Major in Computer Science **45**

A. Required in Computer Science Major 27
CMPSC 1113 Computer Programming I
CMPSC 1133 Computer Programming II
CPSMA 2103 Data Structures
CPSMA 3103 Algorithm Analysis
CMPSC 3113 Operating Systems
CMPSC 3613 Computer Architecture
CMPSC 3943 Software Design & Development
CMPSC 4213 Data Base Design
CMPSC 4473 Theory of Programming Languages

B. Required Electives 18
Eighteen hours in upper level Computer Science with at least 12 hours in CMPSC courses

III. Related Work **11-18**

CPSMA 3913 Discrete Mathematics
MATH 1513 College Algebra †
MATH 1713 Trigonometry †

One of the following:
MATH 2825 Calculus & Analytical Geometry I OR
MATH 2613 Calculus for Bus, Life & Soc Sci
If MATH 2613 taken, then choose EITHER
MATH 1223 Intro to Prob & Statistics OR
BSEC 2603 Business & Economic Statistics

One of the following:
BUCOM 3133 Bus Communic & Report Writing
COMM 1113 Fundamentals of Human Comm
ENG 3183 Technical and Professional Writing

IV. Minor **Not Required**

V. Electives **26-36**
"An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.
Students majoring in computer science are highly encouraged to take upper-level computer science electives to make themselves more attractive to industry recruiters."

VI.Total Hours Required **120**

VII.Special Requirements
†With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

Minor in Computer Science - 640A

CMPSC 1113 Computer Programming I
CMPSC 1133 Computer Programming II
CPSMA 2103 Data Structures
Nine hours elective computer science courses

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

ENVIRONMENTAL HEALTH SCIENCE

Bachelor of Science — Major Code -- 0160

I. General Education **40**

A maximum of 12 hours may apply to both the major/related work and general education.

II. Major in Environmental Health Science **52**

A. Required Core Courses 41

EHS 1114	Introduction to Environmental Heatlh Science
CARTO 2253	Fundamentals of GIS
EHS 2313	Solid and Hazardous Waste Management
EHS 2613	Industrial Hygiene
EHS 3114	Epidemiology
EHS 3153	Environmental Health Administration
EHS 3553	Water Quality and Treatment
EHS 3603	Air Quality
EHS 3703	Biostatistics
EHS 3803	Environmental Toxicology
EHS 4143	Food Hygiene and Consumer Protection
EHS 4703	Envrironmental and Risk Assessessment
EHS 4943	Field Experience in Environmental Health

B. Required Electives - Technical Areas 11

11 hours elective 3000/4000 level course in EHS, BIOL, or CARTO

(No more than 3 hours of credit in EHS4991-4 may be used to meet the 11-hour requirement)

III. Required Related Work **30**

CHEM 1114	General Chemistry I
CMPSC 1513	Computer Literacy
MATH 1513	College Algebra
BIOL 1114	General Biology
BIOL 2334	General Microbiology
CHEM 1214	General Chemistry II
CHEM 1314	General Organic and Biochemistry OR
CHEM 3114	Organic Chemistry I
PHYS 1114	General Physics I

IV. Minor (Not Required)

V. Electives **9-10**

VI. Total Hours Rquired **120**

VII. Special Requirements

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

ENVIRONMENTAL HEALTH SCIENCE

Environmental Management and Natural Resources Concentration
Bachelor of Science **Major Code -- 0166**

I. General Education **40**

A maximum of 12 hours may apply to both the major/related work and general education.

II. Major in Environmental Health Science **50**

A. Required Core Courses

EHS	1114	Introduction to Environmental Heatlh Science
CARTO	2253	Fundamentals of GIS
EHS	2313	Solid and Hazardous Waste Management
EHS	2613	Industrial Hygiene
EHS	3114	Epidemiology
EHS	3153	Environmental Health Administration
EHS	3553	Water Quality and Treatment
EHS	3603	Air Quality
EHS	3703	Biostatistics
EHS	3803	Environmental Toxicology
EHS	4143	Food Hygiene and Consumer Protection
EHS	4703	Envrironmental and Risk Assessessment
EHS	4943	Field Experience in Enviornmental Health

B. Required in Environmental Management and Natural Resources Concentration

EHS	3543	Water Resources

C. Required Electives - Technical Areas 6

6 hours elective 3000/4000 level course in EHS, BIOL, or CARTO

(No more than 3 hours of credit in EHS4991-4 may be used to meet the 6-hour requirement)

III. Related Work

CHEM	1114	General Chemistry I
CMPSC	1513	Computer Literacy
MATH	1513	College Algebra
BIOL	1114	General Biology
BIOL	1314	General Zoology
BIOL	2334	General Microbiology
BIOL	3934	Limnology OR
BIOL	4414	Ecology
CHEM	1214	General Chemistry II
CHEM	1314	General Organic and Biochemistry OR
CHEM	3114	Orgranic Chemistry
PHYS	1114	General Physics I

IV. Minor (Not Required)

V. Electives **3-4**

VI. Total Hours Rquired **120**

VII. Special Requirements

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

ENVIRONMENTAL HEALTH SCIENCE

Public Health Concentration
Bachelor of Science **Major Code -- 0165**

I. General Education **40**
A maximum of 12 hours may apply to both the major/related work and general education.

II. Major in Environmental Health Science **50**

A. Required Core Courses 41

EHS	1114	Introduction to Environmental Heatlh Science
CARTO	2253	Fundamentals of GIS
EHS	2313	Solid and Hazardous Waste Management
EHS	2613	Industrial Hygiene
EHS	3114	Epidemiology
EHS	3153	Environmental Health Administration
EHS	3553	Water Quality and Treatment
EHS	3603	Air Quality
EHS	3703	Biostatistics
EHS	3803	Environmental Toxicology
EHS	4143	Food Hygiene and Consumer Protection
EHS	4703	Envrironmental and Risk Assessessment
EHS	4943	Field Experience in Enviornmental Health

B. Required in Public Health Major 6

EHS	4203	Community Health
EHS	4503	Chronic Diseases and Global Health

C. Required Electives - Technical Areas 3
3 hours elective 3000/4000 level course in EHS, BIOL, or CARTO

III. Required Related Work **24-25**

CHEM	1114	General Chemistry I
CMPSC	1513	Computer Literacy
KIN	1513	Basic Nutrition
MATH	1513	College Algebra
CHEM	1314	General Organic and Biochemistry OR
CHEM	3114	Orgranic Chemistry
PHYS	1114	General Physics I

Choose one of the following:

BIOL	3254	Medical Entomology
BIOL	3434	Genetics
BIOL	3634	Human Physiology
BIOL	4543	Pathogenic Microbiology
PSYCH	3613	Learning and Cognition
PSYCH	3993	Writing and Design for Psych Research

IV. Minor (Not Required)

V. Electives **16-20**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

Minor in Environmental Health Science - 160A

EHS	1114	Intro to Env Health Science
EHS	2313	Solid & Hazardous Waste Mgmt

12 Hours approved electives in Env Health Science

Minimum Total Hours **19**

"Teachers" or "methods" courses may not be counted in minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Public Health - 160B

Required in Public Health Minor

EHS	3114	Epidemiology
EHS	4203	Community Health
EHS	4503	Chronic Diseases and Global Health

Choose 2 of the following:

EHS	2613	Industrial Hygiene
EHS	3153	Environmental Health Administration
EHS	3703	Biostatistics
EHS	4143	Food, Hygiene and Consumer Protection

Hours Total **16**

Minor in Environmental Management and Natural Resources - 160C

EHS	1114	Intro to Environmental Health Science
EHS	2713	Environmental Economics
EHS	3543	Water Resources

9 Hours approved electives in Env Health Science

Minimum Total Hours **19**

"Teachers" or "methods" courses may not be counted in minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

MATHEMATICS
Applied Mathematics/Pre-Actuary Concentration
Bachelor of Science

Major Code -- 0294

I. General Education **40**
A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Applied/Pre-Actuary Mathematics **46-52**

A. Required Mathematics Core 22-28

MATH	1513	College Algebra †
MATH	1223	Intro to Probability and Statistics
MATH	1713	Trigonometry †
MATH	2825	Calculus and Analytic Geometry I
MATH	3025	Calculus and Analytic Geometry II
MATH	3033	Calculus and Analytic Geometry III
MATH	3713	Linear Algebra
MATH	4923	Perspectives in Mathematics

C. Required for Concentration in Applied/Pre-Actuary Mathematics 9

MATH	3513	Mathematical Statistics
MATH	3583	Applied Statistics
MATH	4113	Differential Equations

D. Required Mathematics Electives 15
Two of the following:

CPSMA	3913	Discrete Mathematics
CPSMA	3933	Operations Research
CPSMA	4413	Numerical Methods

Nine hours approved courses from MATH, CMPSC, MIS, MGMT, MKTG, BUSLW, or FIN (3000-4000)

III. Related Work **30**

ACCT	2103	Financial Accounting
CMPSC	1113	Computer Programming I OR

other computer programming course in a high level language (logical, functional, or procedural, including Mathematica)

COMM	1113	Fundamentals of Human Comm
ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics
ENG	3183	Technical and Professional Writing
FIN	3113	Financial Management
FIN	3913	Insurance Planning and Risk Mgmt
MIS	1903	Computer Business Applications
MIS	3433	Management Information Systems

IV. Minor **Not Required**

V. Electives **10-16**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI.Total Hours Required **120**

VII.Special Requirements
Math 1413 “teachers” or “methods” courses will not be counted in the major.

†With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

Actuaries must pass a series of exams administered by the Society of Actuaries (SOA) in order to achieve professional status as an actuary. The first exam, Exam P, covers probability and supporting calculus topics. Pre-actuary students should take this exam after completing MATH 3513 Mathematical Statistics. The second exam, Exam FM, covers interest theory and financial economics. This exam should be taken after FIN 3113 Financial Management. Other SOA exams cover subjects such as risk and risk management.

Minor in Mathematics - 290A

MATH	1513	College Algebra
MATH	1713	Trigonometry
MATH	2825	Calculus and Analytic Geometry I
MATH	3025	Calculus and Analytic Geometry II

Three hours math electives above MATH 1713

Minimum Total Hours **19**

In approved cases, upper-division courses may be substituted for MATH 1513 and/or MATH 1713.

“Teachers” or “methods” courses are not to be counted in minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

MATHEMATICS
General Mathematics Concentration
Bachelor of Science

Major Code -- 0292

I. General Education **40**

A maximum of twelve hours may be counted in both the major related work and general education.

II. Major in General Mathematics **46-52**

A. Required Mathematics Core 22-28

MATH	1513	College Algebra †
MATH	1223	Intro to Probability and Statistics
MATH	1713	Trigonometry †
MATH	2825	Calculus and Analytic Geometry I
MATH	3025	Calculus and Analytic Geometry II
MATH	3033	Calculus and Analytic Geometry III
MATH	3713	Linear Algebra
MATH	4923	Perspectives in Mathematics

B. Required for Concentration in General Mathematics 12

MATH	3093	Intro to Theorem Prov & Number Theory
MATH	3813	Modern Algebra
MATH	4113	Differential Equations
MATH	4133	Intermediate Analysis

C. Required Mathematics Electives 12

Twelve hours math electives (3000-4000 level)

III. Related Work **3**

CMPSC 1113 Computer Programming I OR other computer programming course in a high level language (logical, functional, or procedural, including Mathematica)

IV. Minor Not Required

V. Electives **34-37**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Required **120**

VII. Special Requirements

Math 1413 “teachers” or “methods” courses will not be counted in the major.

†With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

MATHEMATICS
Teacher Certification Concentration
Bachelor of Science

Major Code -- 0293

I. General Education **40**

17 hours counted in the major (MATH 1513, MATH 1223, EDUC 2402, CMPSC 1113, COMM 1113, PSYCH 1113) Demonstrate novice high competency in a foreign language or complete a foreign language or American Sign Language course with a C or higher.

II. Major in Mathematics-Teacher Certification **45-51**

A. Required Mathematics Core 22-28

MATH	1513	College Algebra †
MATH	1223	Intro to Probability and Statistics
MATH	1713	Trigonometry †
MATH	2825	Calculus and Analytic Geometry I
MATH	3025	Calculus and Analytic Geometry II
MATH	3033	Calculus and Analytic Geometry III
MATH	3713	Linear Algebra
MATH	4923	Perspectives in Mathematics

C. Required for Concentration in Teacher Certification 17

MATH	3913	Discrete Mathematics
MATH	3093	Intro to Theorem Prov & Number Theory
MATH	3213	College Geometry
MATH	3813	Modern Algebra
MATH	4915	Meth of Teaching Secondary Math

D. Required Mathematics Electives 6

Six hours math electives (3000-4000 level)

III. Related Work **9**

CMPSC	1113	Computer Programming I OR other computer programming course in a high level language (logical, functional, or procedural, including Mathematical)
COMM	1113	Fundamentals of Human Comm
PSYCH	1113	General Psychology

IV. Minor

Professional Education is used as the minor and no other minor is required.

V. Professional Education **30**

VI. Electives **7-13**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VII.Total Hours Required **120**

VIII. Special Requirements

Math 1413 will not be counted in the major.

†With departmental approval, students may omit MATH 1513 and MATH 1713 and being with MATH 2825.

MATHEMATICS
Data Science Applications Concentration
Bachelor of Science

Major Code -- 0295

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Data Science Mathematics **46-52**

A. Required Mathematics Core 22-28

MATH	1513	College Algebra †
MATH	1223	Intro to Probability and Statistics
MATH	1713	Trigonometry †
MATH	2825	Calculus and Analytic Geometry I
MATH	3025	Calculus and Analytic Geometry II
MATH	3033	Calculus and Analytic Geometry III
MATH	3713	Linear Algebra
MATH	4923	Perspectives in Mathematics

B. Required for Concentration in Data Science 18

CPSMA	2103	Data Structures
CPSMA	3813	Data Mining
CPSMA	4313	Data Processing and Visualization
CPSMA	4513	Data Applications in Business
MATH	3513	Mathematical Statistics
MATH	3583	Applied Statistics

C. Required Mathematics Electives 6

Two of the following:

CPSMA	3913	Discrete Mathematics
CPSMA	3933	Operations Research
CPSMA	4413	Numerical Methods

III. Related Work
12

CMPSC	1113	Computer Programming I
CMPSC	1133	Computer Programming II
CMPSC	3313	Advanced Computer Languages
CMPSC	4213	Data Base Design

IV. Minor
Not Required

V. Electives **22-31**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Required **120**

VII. Special Requirements

Math 1413 "teachers" or "methods" courses will not be counted in the major.

† With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

NURSING

Bachelor of Science — Major Code -- 0340

I. General Education **40**

17 hours (BIOL 1114, CHEM 1114, MATH 1513 OR MATH 1613, KIN 2183, and PSYCH 1113) counted in the major.

II. Major in Nursing **60**

A. Required Core Courses 36

NRSG	1142	Introduction to Professional Nursing
NRSG	2104	Foundations in Nursing
NRSG	3118	Med Surg I
NRSG	3193	Pharmacology I
NRSG	3218	Med Surg II
NRSG	3393	Pharmacology II Nursing-
NRSG	4164	Childbearing Family Psychiatric-
NRSG	4214	Mental Health Nursing

B. Required in Nursing Major 24

NRSG	2224	Physical Assessment
NRSG	3883	Nursing Research
NRSG	4375	Med Surg III
NRSG	4513	Prioritization & Critical Thinking
NRSG	4283	Community Health Nursing
NRSG	4382	Leadership in Nursing Transition
NRSG	4954	to Professional Practice

Related Work **38**

BIOL	1114	General Biology
BIOL	2184	Human Anatomy
BIOL	2344	General Microbiology
BIOL	3634	Human Physiology
CHEM	1114	General Chemistry
KIN	2183	Basic Nutrition
MATH	1513	College Algebra OR
MATH	1613	Functions & Modeling
PSYCH	1113	General Psychology
PSYCH	3463	Child & Adolscent Psychology

Three (3) hours introductory statistics OR one of the following:

BSEC	2603	Business & Economic Statistics
EHS	3703	Biostatistics
MATH	1223	Intro to Probability Statistics
PSYCH	3883	Behavioral Science Statistics
SOC	3833	Stats for Social Sciences

Three (3) hours Computer Course

IV. Minor (Not Required) **0**

V. Electives **0**

NRSG	4673	Healthcare Communications
NRSG	4683	Current Topics in Nursing
NRSG	4981-5	Seminar in Nursing (Subject in Title)
NRSG	4991-4	Individual Studies in Nursing (Subject in Title)

VI. Total Hours Required **121**

VII. Special Requirements

PHYSICS

Bachelor of Science **Major Code -- 0350**

I. General Education **40**

A maximum of twelve hours may be applied to both the major/related work and general education.

II. Major in Physics **35**

A. Required in the Physics Core 15

PHYS 2115	Engineering Physics I
PHYS 2225	Engineering Physics II
PHYS 3013	Modern Physics
PHYS 3412	Junior Physics Laboratory

B. Required in the Physics Major 18

PHYS 3113	Mechanics I
PHYS 3713	Thermodynamics
PHYS 3813	Optics
PHYS 4113	Electricity & Magnetism-Field Theory
PHYS 4313	Introduction to Nuclear Physics
PHYS 4513	Quantum Mechanics

C. Required Electives 2

Two hours Physics electives (3xxx-4xxx)

III. Related Work **27-33**

CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CMPSC 1113	Computer Programming I
MATH 1513	College Algebra †
MATH 1713	Trigonometry †
MATH 2825	Calculus & Analytic Geometry I
MATH 3025	Calculus & Analytic Geometry II
MATH 3033	Calculus & Analytic Geometry III
MATH 4113	Differential Equations

IV. Minor (Not Required)

V. Electives **22-28**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

† With department approval, students may omit MATH 1513 and/or MATH 1713 and begin with MATH 2825

"Teachers" or "methods" courses do not count in the major.

PHYSICS
Medical Physics Concentration
Bachelor of Science

Major Code -- 0353

I. General Education **40**

A maximum of twelve hours may be applied to both the major/related work and general education.

II. Major in Physics **30**

A. Required in the Physics Core 15

PHYS 2115	Engineering Physics I
PHYS 2225	Engineering Physics II
PHYS 3013	Modern Physics
PHYS 3412	Junior Physics Laboratory

B. Requiredfor Concentration in Medical Physics 15

PHYS 3222	Medical Physics
PHYS 3713	Thermodynamics
PHYS 4222	Xray & Nuclear Physics Lab
PHYS 4313	Introduction to Nuclear Physics

Five hours Physics electives (3000-4000 level)

III. Related Work **52-58**

BIOL 1114	General Biology
BIOL 2184	Human Anatomy
BIOL 3634	Human Physiology
CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
CMPSC 1113	Computer Programming I
COMM 1113	Fundamentals of Human Communication
MATH 1513	College Algebra †
MATH 1713	Trigonometry †
MATH 2825	Calculus & Analytic Geometry I
MATH 3025	Calculus & Analytic Geometry II
MATH 3033	Calculus & Analytic Geometry III
MATH 4113	Differential Equations

Select one of the following:

BIOL 2113	Medical Terminology
EHS 2413	Radiologic Health

Select one of the following:

MATH 3513	Mathematical Statistics
MATH 3583	Applied Statistics
SOC 3833	Statistics for the Social Sciences

IV. Minor (Not Required)

V. Electives **0-10**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

† With department approval, students may omit MATH 1513 and/or MATH 1713 and begin with MATH 2825

"Teachers" or "methods" courses do not count in the major.

Minor in Physics - 350A

PHYS	2115 Engineering Physics I
PHYS	2225 Engineering Physics II
PHYS	3013 Modern Physics

Select one or both of the following:

PHYS	3411 Junior Physics Laboratory
PHYS	3511 Junior Physics Laboratory

Select two of the following:

PHYS	3113 Mechanics I
PHYS	3213 Basic Electronics
PHYS	3713 Thermodynamics
PHYS	3813 Optics
PHYS	4113 Electricity & Magnetism-Fld Theory
PHYS	4313 Intro to Nuclear Physics

Minimum hours required **20**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

PHYSICS
Teacher Certification Concentration
Bachelor of Science

Major Code -- 0351

I. General Education **40**

17 hours (BIOL 1214 or 1314, CHEM 1114, COMM 1113, MATH 1513, and PSYCH 1113) counted in the major
Demonstrate novice high competency in a Foreign Language or American Sign Language course with a C or higher.

II. Major in Physics **30**

A. Required in the Physics Core 15

PHYS 2115	Engineering Physics I
PHYS 2115	Engineering Physics II
PHYS 3013	Modern Physics
PHYS 3412	Junior Physics Laboratory

B. Required for Concentration in Teacher Certification 13

B/C/P 4113	Methods of Teaching Biological and Physical Science
PHYS 1314	Astronomy
PHYS 3113	Mechanics I
PHYS 4113	Electricity & Magnetism-Field Theory

C. Required Electives 2
Two Hours Physics Electives
(Not PHYS 3222 or 4222

III. Related Work **39-45**

A. Required Related Work 32-38

BIOL 1114	General Biology
CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
COMM 1113	Fundamentals of Human Communication
GEOG 1214	Earth Science
MATH 1513	College Algebra †
MATH 1713	Trigonometry†
MATH 2825	Calculus and Analytic Geometry I
MATH 3025	Calculus and Analytic Geometry II
PSYCH 1113	General Psychology

B. Required Related Work Electives 7
Seven hours chemistry electives

IV. Minor **0**

Professional Education is used as the minor and no other minor is required.

V. Professional Education **30**

VI. Total Hours Rquired **122-128**

VII. Special Requirements

† Students with appropriate background from high school may omit MATH 1513 and/or MATH 1713 and begin with MATH 2825



Section VIII

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Katherine H. Lang, Dean

DEPARTMENT OF ENGLISH AND LANGUAGES

Majors Offered
English - BA
English (Teacher Certification) - BA

Minors Offered
English
English as a Second Language (ESL)
Humanities

Courses Prefix	Subject
ENG	English
FREN	French
GER	German
HUM	Humanities
LATIN	Latin
RUSS	Russian
SPAN	Spanish

DEPARTMENT OF HISTORY

Majors Offered
History - BA
History (Teacher Certification) - BA

Minor Offered
History
Oklahoma Studies

Courses Prefix	Subject
HIST	History
SOSTU	Social Studies

DEPARTMENT OF POLITICS, LAW, AND SOCIETY

Majors Offered
Political Science - BA
Legal Studies - BS

Minors Offered
Political Science
Legal Studies
Sociology

Courses Prefix	Subject
PS	Political Science
PSCOM	Political Science - Communication
LS	Legal Studies
LSPS	Legal Studies - Political Science
ANTH	Anthropology
CJSOC	Criminal Justice-Sociology
GESOC	Geography-Sociology
PYSOC	Psychology-Sociology
SOC	Sociology
SOSTU	Social Studies

DEPARTMENT OF PROFESSIONAL PROGRAMS IN HUMAN SERVICES

Majors Offered
Criminal Justice - BA
Human Services Counseling
(Human Services Counseling) - BA

Human Services Counseling
(Rehabilitation) - BA
Social Work - (BSW)

Minors Offered
Addictions
(For Professional Programs in Human Services Department Major)
Addictions
(For Major not in Professional Programs in Human Services Dept)
Criminal Justice
(for Professional Programs in Human Services Department Major)
Human Services Counseling
(for Professional Programs in Human Services Department Major)
Professional Programs in Human Services Counseling
(for Major not in Professional Programs in Human Services Dept)
Aging Services
(for Professional Programs in Human Services Department Major)
Aging Services
(for Major not in Professional Programs in Human Services Dept)
Social Work
(for Major in Professional Programs in Human Services Dept)
Social Work
(for Major not in Professional Programs in Human Services Dept)

Courses Prefix	Subject
ASLHR	Amer Sign Lang-Human Resources
CJSOC	Criminal Justice-Sociology
CRJS	Criminal Justice
HURES	Human Resources
HRPSY	Human Resources-Psychology
H/P/E	Human Resources-Psychology-Education
SOWK	Social Work

NATIVE AMERICAN STUDIES PROGRAM

Majors Offered
Native American Studies - BA

Minor Offered
Native American Studies

Courses Prefix	Subject
CHI	Chickasaw
CHO	Choctaw
NAS	Native American Studies

INTERDISCIPLINARY STUDIES PROGRAM

Majors Offered
Interdisciplinary Studies - BA

Minor Offered

Courses Prefix
IDS

SCHOOL OF FINE ARTS

Alexandra Aguirre-Berman, Director

DEPARTMENT OF ART + DESIGN: MEDIA + COMMUNICATION

Majors Offered
Art (Graphic Design) - BFA
Art (Studio Art) - BFA
Art (Teacher Certification) - BFA
Mass Communication (Media Production) - BS
Mass Communication (Advertising/Public Relations) - BS
Mass Communication (Strategic Communication) - BS

Certificates Offered
Mass Communication (Accounts Management)
Mass Communication (Social Media Marketing)

Minor Offered
Art
Art Therapy Preparation (for Majors in Fine Arts)
Art Therapy Preparation (for Majors not in Fine Arts, Psychology or Human Services Counseling)
Art Therapy Preparation - Visual Art (for Majors in Psychology & Human Services Counseling)
Art Therapy Preparation - Theatre (for Majors in Psychology & Human Services Counseling)
Art Therapy Preparation - Music (for Majors in Psychology & Human Services Counseling)
Game Design
Media/Graphic Arts (Majors in Mass Communication)
Media/Graphic Arts (non Mass Communication majors)
Communication and Performance Studies - Communication

Courses Prefix	Subject
ART	Art
COMM	Communication
MCOM	Mass Communication
PSCOM	Political Science-Communication

DEPARTMENT OF PERFORMING ARTS

Majors Offered
Music (Instrumental-Teacher Certification)-BS
Music (Instrumental) - BS
Music (Vocal-Teacher Certification) - BS
Music (Vocal) - BS

Minors Offered
Music

Courses Prefix	Subject
MUS	Music
COMM	Communication
THEA	Theatre

INTERNSHIP HOURS

Over the course of a semester, a student might complete 30 logged internship hours per 1 internship course credit hour completed.

DEPARTMENT OF ART + DESIGN: MEDIA + COMMUNICATION

Assistant Professor and Chair Engel
Associate Professor Phillips
Assistant Professor Engel, Overstake, Rhea, Yoncha
Instructor Ingram

East Central University's Department of Art + Design : Media + Communication encourages collaboration across disciplines and offers major and minor programs in art, communication, and media.

In art, students develop a personal, aesthetically based, problem-solving approach to the visual arts and acquire skills in drawing, painting, design, sculpture, ceramics, and digital media. Lecture courses are designed to engage students in the contextuality of art as a historical dialogue.

Facilities include state of the art studios for drawing, painting, printmaking, ceramics, sculpture, digital imaging and foundations. The Department can access over 50,000 images via database for art history. It houses a state of the art digital imaging laboratory. Other equipment in the department includes: high fire, raku, and salt glazing kilns for ceramics; metal working equipment, a ceramic shell foundry, CNC machine, 3D printer, wood and stone carving equipment for sculpting; and equipment for etching, lithography, serigraphy, and relief printmaking, audio and video production.

ART PROGRAM

The department offers a Bachelor of Fine Arts degree with concentrations in studio art, art education, and graphic design. The concentration in studio art prepares students for positions as an artist or for further study in fine arts graduate programs. The concentration in art education prepares students for positions teaching art in school pre-kindergarten through grade twelve. The graphic design concentration prepares students for positions in which graphic design skills are paramount, which include design, typography layout and graphic design for publication, and corporate image design.

MASS COMMUNICATION PROGRAMS

The department also offers a Mass Communication major with concentrations in Media Production, Advertising/Public Relations, and Strategic Communication. Media Production prepares students to enter graduate programs, media industries, government and business. It also serves students who wish to pursue careers and other interests in audio and video production, and electronic and print journalism. Advertising/Public Relations prepares students who wish to pursue careers representing businesses and other organizations through the use of mass media.
Strategic Communication prepares students for careers in content creation, broadcasting/streaming, and public relations with listening and presentational skills, communications theory, and practical industry experiences.

Minors are offered in Art, Communication, Art Therapy, Media/ Graphic Arts and Mass Communication. Certification in Mass Communication (Accounts Management) is offered.

DEPARTMENT OF ENGLISH AND LANGUAGES

Associate Professor and Chair King
Professors Benton, Grasso, Hada, Hughes, McMahon, Murphy, Sukholutskaya, Walling
Associate Professor Dorsey
Assistant Professor Pederson
Instructor Worthley

The Department of English and Languages offers a major in English. It offers minors in English, Humanities, and English as a Second Language, as well as course work in additional languages. Students in the department's major and minor programs enhance their reading and writing skills important in a variety of careers, absorb the cultural understanding necessary for success in a diverse society, and develop the critical thinking skills which will lead to professional and advanced academic success.

The major in English is appropriate for many professional and cultural objectives. By properly selecting courses, students may prepare for a variety of options:

graduate work in literature, writing, or linguistics;
certification for secondary teaching;
professional work in creative, expository, and technical writing; or
professional study in such areas as law or technical communication.

Because of the comprehensive variety of courses offered, students have opportunity within the major to explore areas of special interest: for example, American, British and world literatures, the English language, or technical and creative writing.

ENGLISH PROGRAM

The Department of English and Languages offers undergraduate majors in English and English Teacher Certification. English majors develop broad cultural awareness and advanced reading and writing skills through study of poetry, drama, fiction, film, and critical theory.

Additional study of creative and persuasive writing, and grammar and linguistics prepares students for graduate study in literature, rhetoric and composition, creative or technical writing, linguistics, or for study of law. English Teacher Certification majors take additional courses in methods of teaching English to attain state certification qualifying them to teach English at the middle and high school levels. The department also offers minors in English, English as a Second Language, and Humanities.

LANGUAGES

The department offers basic courses in French, and Russian. All foreign language studies provide awareness of the culture of the language and insight into the unique world view of different languages.

HUMANITIES

The department offers a minor in the humanities, those branches of learning which deal with what is fundamentally human—self-consciousness, language, reason, creativity, human values and aspirations. The department and the college offer a wide range of humanities courses to serve the minor and satisfy university general education requirements. Examples include courses in literature, film, language, history, philosophy, religion, art, music, and theater.

DEPARTMENT OF HISTORY

Professor and Chair Bean
Professors Barton, Clampitt, Mount
Associate Professor Sutton

Success in any career today demands flexibility based in three skill areas: the ability to think critically, the ability to analyze information from a variety of sources and apply that analysis to solving problems, and the ability to communicate that analysis to others. These skills are particularly critical for careers in law, government, business, teaching, medicine, as well as for success in graduate or professional school.

Founded solidly in the tradition of liberal arts, the Department of History at East Central University emphasizes developing these skills. Each History and Native American Studies major may, with the help of faculty, tailor a program to best match individual career and intellectual interests. The department offers degrees in History, and History (Teacher Certification). In addition, the department offers courses in Native American Studies.

HISTORY PROGRAM

History offers students the richness of past experience to comprehend more lucidly humanity's progress and setbacks, great accomplishments and tragic failures. Historical study teaches judgment, examines values, and explores issues and events; it uncovers the sources of creativity and stagnation during the entire course of civilization's evolution. The significance of the past and its meaning for the possibilities of the present and future become a powerful tool of analysis and interpretation. The History program offers a wide-range of courses in United States history, European history, and World history. A student may major or minor in history, selecting an area of concentration for either a BA or a BA with teacher certification.

History as a major combined with other disciplines, provides excellent preparation for a productive and meaningful personal and professional life. Majors utilize their skills to teach history and related courses in elementary and secondary school. Graduates may also pursue advanced degrees in history in order to teach and conduct research at the college level. History majors also continue their education in other graduate and professional programs such as journalism, law, management, and public administration. Graduates also seek careers in business, public service, and informational and research positions.

INTERDISCIPLINARY STUDIES PROGRAM

Professor and Director Mixon

Eligibility Requirements

The student must be 21 or older and have earned at least 60 semester hours.

Admission Requirements

The student must be admitted to East Central University. The student must meet in person or by phone with the Program Director or their assigned Online Advisor to complete an Individual Learning Plan (ILP) for Interdisciplinary Studies.

Degree Requirement

124 Semester Hours - Minimum 2.0 GPA

Prior Learning

Transfer credits from other colleges/universities
Credit by examination – CLEP, or ECU Challenge test
Military and other non-college courses evaluated by the American Council on Education

NATIVE AMERICAN STUDIES PROGRAM

Assistant Professor and Director Ketchum

ECU offers both a BA and a minor in Native American Studies. Native American Studies is an interdisciplinary program that reflects an awareness of the issues which contemporary native communities and peoples confront. By approaching the multiplicity of Indian cultures from a variety of academic perspectives, a deeper understanding of native societies past and present emerges. It makes use of the strengths of university faculty members in history, archaeology, political science, business, nursing, legal studies, art, English, professional programs in human services, and other disciplines.

We also offer a BA in Native American Studies - Cultural Resource Management (CRM). CRM students learn to manage cultural resources that include heritage and the arts. Archaeology and the study of material culture is central to their work. In addition to understanding Native American history and culture, students pursuing this major will learn about tribal, federal, state, and local regulations and guidelines that impact how we manage cultural resources.

DEPARTMENT OF PERFORMING ARTS

Assistant Professor and Chair Vickers
Professor Baggech
Adolf Linscheid Distinguished Teaching Professor Walker
Associate Professor Berman
Assistant Professors Conklin, Meyers
Instructors Pletcher, Reifsnider

The Department of Performing Arts provides a general music and theatre education foundation for all students along with individual professional preparation for selected major fields within music and theatre. The department also enriches the cultural life of the campus and community. Students are encouraged to participate in band, choral and instrumental ensembles and theatre productions regardless of their major.

MUSIC PROGRAM

The Department of Music offers the following degree programs: the Bachelor of Science degree with music majors in the Instrumental Concentration, the Instrumental Teacher Certification Concentration, the Vocal Concentration, and the Vocal Teacher Certification Concentration. Each area has options designed as preparation for careers in concert, theater, media performance, or as teacher-preparation leading to kindergarten through high school certification. Students who wish to prepare for a career in music business may complete the minor in Business Administration for Music Majors. Other minors and special endorsements in music are also available.

The curriculum has been designed to assist all participating students in reaching their maximum potential. Toward this end, the primary objectives of the undergraduate programs are (1) to further the performance ability in at least one musical medium, (2) to provide future teachers with the knowledge and skills necessary for them to be successful as professional music educators, (3) to allow some "semi-specialization" through courses directed toward instrumental and/or vocal education, and (4) to provide students with a wide range of educational/musical experiences which will encourage continued professional growth.

Applied Music—Individual and Class Instruction Voice, Piano, Harpsichord, Organ, Wind, String and Percussion Instruments

Private and class lessons: one semester hour credit for one half-hour private lesson, or two or more half-hour class lessons, with five hours of practice expected per week, for a semester or equivalent time in a shorter term. Extra fees are charged for instruction and for practice rooms (see fee schedule).

The course numbers are progressive by semester in each of the Applied Music areas, and include one or two credit hours.

Private instruction course numbers for music majors and minors are as follows: 2201 - minor instrument (lower level), 2222 - major instrument (lower level), 3301 minor instrument (upper level), 3332 - major instrument (upper level). Numbers above 4082 indicate study completed beyond eight terms.

The course description for all private instruction is "The study of solo vocal and instrumental literature of different historical periods and styles, and of diction in English, French, German, and Italian."

DEPARTMENT OF POLITICS, LAW, AND SOCIETY

Professor and Chair Pappas
Professor Petrowsky
Professor and Director of the Legal Studies Program Owens Associate Professor Peaden
Assistant Professors Ananga, Becerra, Jones, Webster

The Political Science and Legal Studies programs offer degrees with very different objectives: the BA in political science and the BS in legal studies. Political science majors are given more of an emphasis on critical thinking and written and oral communication skills. Classes are typically discussion-based and service learning and simulations are often employed. The legal studies program is much more applied, teaching skills that will be applicable in the law office, such as legal business applications and knowledge of specialty law subjects. Most classes are based on lectures and focused projects. Both programs study the connection between law and politics and both programs are popular avenues to law school. Paralegals may not provide legal services directly to the public, except as permitted by law.

The Department of Politics, Law and Society also offers a wide variety of courses and a minor in sociology. *Sociology* is the scientific study of the social causes and consequences of human behavior. The subject matter of sociology has a broad range. It includes the study of the intimate family, as well as the hostile mob. Crime and its causes are studied, as well as religion and its influences. Divisions of race and social class are included, as well as the sharing of beliefs in a common culture. In addition, the department offers courses in cultural anthropology, archaeology, and Native American Studies.

DEPARTMENT OF PROFESSIONAL PROGRAMS IN HUMAN SERVICES

Associate Professor, Assistant Dean Inglis
Assistant Professors Fredman, Parr, Schafer-Morgan, Turner, Ward
Instructors Bailey, Burke, Isaacs, Witherington

The Department of Professional Programs in Human Services offers educational programs that share the common goal of preparing graduates to work with people in a variety of practice settings. The human services field is one of the most rapidly expanding career fields in America today. The Professional Programs in Human Services Department focuses on those careers which require professional preparation for service to individuals, families, groups, and communities. Degree programs include Human Services, Counseling, Criminal Justice, Social Work or Prevention Science. In addition to a general degree program, the Counseling major may select a concentration in rehabilitation, aging services, or services to the deaf. Within the Counseling concentration, students may select a set of courses that prepare them for additions counseling. The Criminal Justice student may choose criminal justice or law enforcement. The Social Work program, through its Child Welfare Professional Enhancement Program, offers students opportunities for guaranteed employment in child welfare. The student may create a degree plan which will prepare them for entry-level employment in a variety of settings.

The objectives for the Department of Professional Programs in Human Services are:

1. To prepare students educationally for positions in counseling, criminal justice, or social work.
2. To help supply both the regional and local employee pool for human service agencies and organizations.
3. To provide students with a sound undergraduate base for graduate study.

CRIMINAL JUSTICE PROGRAM

The primary objective of the Criminal Justice degree is to prepare students for beginning professional jobs in the criminal justice system. The curriculum provides a core program of basic courses applicable to all criminal justice fields and specialties. Students gain practical experience through completion of an internship or for those seeking CLEET certification, the Collegiate Officer Program.

HUMAN SERVICES COUNSELING PROGRAM

The primary objective of the Human Services Counseling degree is to prepare students for beginning human services positions in a variety of government, civic, and private and not-for-profit community based agencies and organizations. These agencies focus on the needs of people experiencing a variety of issues, physical or mental problems, drug or alcohol abuse, aging related concerns, and job-seeking problems. Client groups to be served range from youth and minorities to those in crisis situations. To prepare students for a variety of employment opportunities, the Human Services Counseling curriculum provides the knowledge and skills needed for prevention and problem solving with both individuals and groups.

Concentration in Rehabilitation

The Rehabilitation concentration is designed to prepare students for positions in a variety of federal, state, and community rehabilitation

agencies, facilities, and organizations that provide services to individuals with disabilities and addictions. Students completing the program have skills in interviewing, case management, planning, intervention, job/career development, and knowledge of the major disability groups, addictions, and disability culture.

Students may opt for the concentration in rehabilitation or may seek additional expertise in the field of addictions with the minor in Addictions. The rehabilitation program is a Registered Program on the Council on Rehabilitation Education's Undergraduate Program in Disability and Rehabilitation Studies. The program also has various scholarships specific to the rehabilitation program for students. These include assistance through Rehabilitation Services Administration, the Virgil Taylor Scholarship and the Lowell E. Green Scholarship.

SOCIAL WORK PROGRAM

The primary objective of the Social Work education program is to prepare competent and effective generalist social work professionals for entry into direct professional practice positions with individuals, families, groups, communities, and organizations. Students graduating with a degree in social work (BSW) are prepared for employment in many public and private agencies: health care, including hospitals, home health, and hospice; child welfare; mental health; and income maintenance programs. The Child Welfare Professional Enhancement Program provides incentives for social work students pursuing a career in Child Welfare. This program also provides students with an educational foundation for graduate education in social work.

The Social Work Program is nationally accredited by the Council on Social Work Education (CSWE). The curriculum prepares its graduates for generalist practice through mastery of nine core competencies as identified in the *Educational Policy and Accreditation Standards (2008)* by the CSWE. These core competencies are: demonstrate ethical and professional behavior, engage diversity and difference in practice, advance human rights and social, economic and environmental justice, engage in practice-informed research and research-informed practice, engage in policy practice, engage with individuals, families, groups, organizations, and communities, intervene with individuals, families, groups, organizations, and communities, and evaluate practice with individuals, families, groups, organizations, and communities.

Minors and Electives

In addition to the degree programs, minors are offered in Addictions, Aging Services, Criminal Justice, Human Services Counseling, Interpreting, Juvenile Justice, Services to the Deaf, and Social Work. Through the informed selection of a minor and elective courses, students may gain more in-depth knowledge in selected areas of interest. Students are encouraged to consult with their faculty advisor in the choice of a minor and elective courses.

Requirements for Admission to Professional Program in Human Services

Students selecting a major in Professional Programs in Human Services (Human Services, Counseling, Social Work, Criminal Justice) must file an application with their faculty advisors. The application is submitted after the student has successfully completed the appropriate introductory course. (SOWK 2273 - Introduction to Social Work and Social Welfare or HURES 2183 - Fundamentals of Counseling; or HURES 2293 - Introduction to Aging; or HURES 2153 - Introduction to Deafness; HURES 2213 - Introduction to Rehabilitation; or CRJS 2233 - Introduction to Criminal Justice).

The criteria for admission are:

1. Completion of a minimum of 30 semester hours with a minimum overall grade point average of 2.25 on all course work attempted.
2. Attainment of a "C" or better in Freshman Composition I and II or fulfillment of this requirement by one of the following:
   a. Earning a score of 3, 4, or 5 on the Advanced Placement Program of the College Board. A score of 4 or 5 fulfills the ECU requirement for both Freshman Composition I and II;
   b. Scoring a 50 or higher on the College Level Examination Program (CLEP) with essay option will fulfill the ECU requirement for Freshman Composition I; there is no CLEP to test out of Freshman Composition II.
3. Attainment of a "C" or better in the introductory course for the major.
4. Receive a favorable recommendation by the faculty advisor and/or program faculty members. After full consideration, the applicant is (a) unconditionally admitted, (b) conditionally admitted, (c) not admitted, or (d) deferred, pending additional information.
5. Conditional admission may be granted to a student below minimum requirements for admission if, based on findings by the advisor and/or program faculty, the student may reasonably be expected to meet admission standards within a specified length of time, no later than one semester prior to internship.

A student denied admission has the right to appeal the decision. The procedure for appeal is found in the *ECU Student Handbook* or may be obtained from the Department Chair.

*Note: Social work majors not formally admitted to the Program are not permitted to be enrolled in social work courses beyond the introductory and field work courses.

Retention Requirements in Majors

Social Work Major

a. Retention in the Social Work Program is dependent upon the student maintaining his or her fully admitted status in the program, which includes grade point average, personal, professional and academic conduct.
b. Students admitted to the Social Work Major on a "conditional" basis must meet full admission requirements in compliance with the plan developed between the student and their major advisor. Non-compliance with the remediation plan developed between the student and their major advisor, or inability to remediate the deficiency within one semester, will result in denial of admission.
c. An ongoing process of evaluation of admission status is carried out by social work faculty. Admission status is re-

evaluated at the end of each academic year.

d. A minimum grade of "C" is required in HURES 2083 and in all other major courses which carry a SOWK prefix.
e. A student whose admitted status is withdrawn may appeal that decision using the university and Social Work Program appeals process as described in the *Social Work Program Handbook*.

Human Services Counseling and Criminal Justice Majors

a. Same requirements as university retention policy.

Requirements for Admission to Internship

All majors in a Professional Programs in Human Services Department degree program are expected to submit an *Application for Internship* that includes a degree check and an unofficial transcript. Due dates will be announced and posted.

The criteria for admission are:

a. The student applying for internship must have a retention grade point average of no less than 2.50.
b. Completion of all required major courses except internship. Social Work majors will take a 2 hour required integrative seminar, but this course is taken concurrently with the internship.
c. Recommendation for internship by the faculty advisor and/or the program faculty.

A student who has been denied admission to the internship has the right to appeal the decision. The procedure for appeal is outlined in the *Internship Application* for each major.

Internship Options

Option I

Full Semester - Full-Time Internships (12 hours credit)

This option requires full-time student enrollment for one semester. The student will be located at the internship site on a full-time basis. Internships are not available for Social Work Majors during the Summer Semester.

Option II

Extended Internship - Departmental Approval Required (6 hours credit per semester)

This option allows a student to equally divide the internship activities between two semesters. *This is not an option for Social Work majors.* Human Services Counseling students must petition and complete necessary forms for this option.

Option III

Work Experience Exemption - Departmental Approval Required

Students having suitable work experience may petition the Department Chair for exemption from internship. Students not participating in an internship will enroll in an equivalent number of credit hours of approved course work in lieu thereof. This is not an option for Social Work majors.

Criminal Justice majors, when appropriate to the degree program, may be eligible to receive up to twelve (12) semester hours credit for having completed a law enforcement academy. Credit may be applied only to the 12-hour internship (see Department Chair for additional information).

Option IV

The Collegiate Officer Program (COP) offers the Criminal Justice major with a concentration in Law Enforcement the opportunity to become a certified peace or police officer in the State of Oklahoma. Students from other majors may choose to participate in the COP if they meet all eligibility requirements. The Collegiate Officer Program requires completion of selected criminal justice courses, a first aid course, and an eight (8) week skills portion administered by the Department of Professional Programs in Human Services. Additionally, all COP students must complete a thorough criminal background check and MMPI.

ART
Graphic Design Concentration
Bachelor of Fine Arts

Major Code -- 0022

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Concentration in Graphic Arts **75**

A. Foundation Core			33
ART	1123	Computers for Creatives	
ART	1133	Drawing I	
ART	1143	Theory and Social Practice	
ART	1213	Two Dimensional Design	
ART	1313	Three Dimensional Design	
ART	2243	Art History Survey I	
ART	2253	Art History Survey II	
ART	2273	Survey of Multicultural Art	
ART	3713	Printmaking I	
ART	3923	Digital and Electronic Art I	
ART	4213	History of Art Contemporary	
SFA	1000	Cultural Attendance	

B. Design Core			18
ART	2153	Typography I	
ART	3133	Drawing II	
ART	3153	Typography II	
ART	2943	Principles of Graphic Design	
ART	3943	Graphic Design I	
MCOM	1713	Introduction to Photography	

C. Advanced Design Core			12
ART	3303	Motion Graphics	
ART	3713	Printmaking I (OR Figure Drawing I)	
ART	3403	Figure Drawing I (OR Printmaking I)	
ART	3953	Graphic Design II	
ART	4923	Digital and Electronic Art II	

D. Graphic Design Major Electives			9
Select 3 courses from the following			
ART	3143	Drawing III	
ART	3414	Figure Drawing II	
ART	3903	Figure Drawing III	
ART	4943	Graphic Design Internship	
MCOM	1813	Intro to Video	
MCOM	3043	AR/VR Production	
MCOM	3063	Emerging Media	
MCOM	3333	Intermediate Photography	
MCOM	3343	Imaging for Media	

E. Capstone Course			3
ART	4741	Professional Practice I	
ART	4841	Professional Practice II	
ART	4971	Senior Exhibit	

III. Minor Not Required

IV. Electives **14**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours Rquired **120**

VI. Special Requirements

See catalog for specific program requirements.

"Teachers" or "methods" courses do not count in the major.

ART
Studio Art Concentration
Bachelor of Fine Arts

Major Code -- 0020

I. General Education **40**

A maximum of 12 hours may be counted in both the major/ related work and general education.

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II. Concentration in Graphic Arts **72**

A. Foundation Core 33

ART	1123	Computers for Creatives
ART	1133	Drawing I
ART	1143	Theory and Social Practice
ART	1213	Two Dimensional Design
ART	1313	Three Dimensional Design
ART	2243	Art History Survey I
ART	2253	Art History Survey II
ART	2273	Survey of Multicultural Art
ART	3713	Printmaking I
ART	3923	Digital and Electronic Art I
ART	4213	History of Art Contemporary
SFA	1000	Cultural Attendance

B. Studio Core 15

ART	3133	Drawing II OR
ART	3403	Figure Drawing I
MCOM	1713	Introduction to Photography

Select 3 other courses:

ART	3213	Watercolor I
ART	2313	Painting I
ART	3513	Sculpture I
ART	3813	Ceramics I

C. Advanced Design Core 6

Select from the following:

ART	3213	Watercolor II
ART	3313	Painting II
ART	3413	Figure Drawing II
ART	3613	Sculpture II
ART	4923	Digital and Electronic Art II

D. Vertical Foundation 12

ART	2103	Integrated Studio I
ART	3103	Integrated Studio II
ART	4103	Integrated Studio III
ART	4203	Integrated Studio IV

E. Studio Electives 3

Select one of the following:

ART	3143	Drawing III
ART	3323	Painting III
ART	3623	Sculpture III
ART	3903	Figure Drawing III
ART	4813	Ceramics II
ART	4823	Ceramics III

F. Capstone Course 3

ART	4741	Professional Practice I
ART	4841	Professional Practice II
ART	4971	Senior Exhibit

III. Minor Not Required

IV. Electives **8-14**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours Rquired **120**

VI. Special Requirements

See catalog for specific program requirements.

ART
Teacher Certification Concentration
Bachelor of Fine Arts

Major Code -- 0021

I. General Education **40**

A maximum of 12 hours counted in both the major/related work and general education. Demonstrates novice high competency in a foreign language or American Sign Language course with a C or higher.

Includes recommended courses MATH 1413 and BIOL 1114

II. Major in Art--Teacher Certification **62**

A. Foundation Core 33

ART	1123	Computers for Creatives
ART	1133	Drawing I
ART	1143	Theory and Social Practice
ART	1213	Two Dimensional Design
ART	1313	Three Dimensional Design
ART	2243	Art History Survey I
ART	2253	Art History Survey II
ART	2273	Survey of Multicultural Art
ART	3713	Printmaking I
ART	3923	Digital and Electronic Art I
ART	4213	History of Art Contemporary
SFA	1000	Cultural Attendance

B. Studio Core 21

ART	2313	Painting I
ART	3273	Aesthetics
ART	3403	Figure Drawing I
ART	3513	Sculpture I
ART	3713	Printmaking I
ART	3813	Ceramics
MCOM	1713	Introduction to Photo

C. Advanced Design Core 3

(Select one course)

ART	3313	Painting II
ART	3413	Figure Drawing II
ART	3613	Sculpture II
ART	4713	Printmaking II
ART	4813	Ceramics II

D. Methods Core 5

ART	4412	Art for Elementary Teachers
ART	4513	Art for Secondary Teachers

III. Required General Education

COMM	1113	Fundamentals of Human Communication
PSYCH	1113	General Psychology

IV. Minor

Professional Education is used as the minor and no other minor is required.

V. Professional Education **30**

VI. Total Hours Rquired **126**

VII. Special Requirements

See catalog for specific program requirements.

The OSHRE computer proficiency graduation requirement will be met through the completion of the courses EDUC 4611 Field Experience III and EDUC 4632 Education Technology(including equated or substituted courses), both of which are required courses in the professional education sequence.

Minor in Art Therapy Preparation - Theatre 020F
(For Majors in Psychology and Human Services Counseling)

COMM 1632 Movement for the Stage
COMM 2153 Interpersonal Communication
COMM 3613 Group Dynamics
THEA 1413 Acting I
THEA 2423 Acting II
THEA 2441 Theatre Production
THEA 2453 Intro to Technical Theatre
THEA 4453 Stage Makeup

Minimum Total Hours 21
Must earn three hours of upper division work at ECU towards minor to complete residency requirement.

Minor in Art Therapy Preparation - Music 020G
(For Majors in Psychology and Human Services Counseling)

MUS 1113 Music Theory and Ear Training I
MUS 2111 University Singers
MUS 2433 World Music
MUS 3633 History of Music Through Bach
MUS 3634 History of Music Since Bach
Major Instrument/Voice Lessons
(6 credits/three semesters)
MUS 1000 performing arts recital (3 semesters)
Piano -- Class or Private, 2 credits, taken in two semesters

Minimum Total Hours 21

Must earn three hours of upper division work at ECU towards minor to complete residency requirement.

Minor in Game Design - Music 020H

ART 1123 Computers for Creatives
MCOM 2003 Principals of Game Design
MCOM 3043 AR/VR Production

Nine (9) hours from the following:
ART 1213 Two-Dimensional Design
ART 2943 Principles of Graphic Design
ART 3303 Motion Graphics
ART 3923 Digital and Electronic Art I
ART 4923 Digital and Electronic Art II
MCOM 3023 Audio Engineering I
MCOM 4023 Audio Engineering II

Minimum total hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Theatre - 450A

THEA 1413 Acting I
THEA 2333 Theatre in Life
THEA 2423 Acting II
THEA 3593 Play Analysis

Six hours chosen from: ART 1313 Three-Dimensional Design, ART 2313 Painting I. ENG 2243 Introduction to Creative Writing, ENG 3413 Creative Writing Genre, or HUM 2813 Interpreting Film

Minimum Total Hours 18
"Teachers" or "methods" courses do not count in the minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

CRIMINAL JUSTICE

Bachelor of Arts **Major Code -- 0524**

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Criminal Justice **54**

A. Required Core Courses 18
CRJS 2233 Introduction to CriminalJustice
CRJS 2253 Adult Correctional Systems
CRJS 2353 Juvenile Justice System
CRJS 3333 Criminal Behavior
CRJS 4293 Police AdministrationPolice Administration
CRJS 4473 Legal Aspects of the CJ System

B. Required Electives Major 24
Courses must be chosen from the following:

CRJS 2453 The Police Function^
CRJS 3423 Introduction to Law Enforcement^
CRJS 3643 Criminal Justice Issues
CRJS 4333 Criminal Investigation I^
CRJS 4343 Criminal Investigation II^
CRJS 4623 Interrogation Techniques^
CRJS 4981-4 Seminar in Criminal Justice
HURES 2083 Human Behavior & Social Environment I
HURES 2103 Interviewing Techniques
HURES 3183 Case Management Practice
HURES 3763 Group Process and Practice
KIN 2273 First Aid^

D. Internship OR Upper Level Electives 12
CRJS 4946 Internship - Criminal Justice
CRJS 4946 Internship - Criminal Justice OR
CRJS 4946 Internship - COPS^
CRJS 4946 Internship - COPS^
OR any upper-level course in the following areas: CRJS, SOWK, HURES, Technical Writing

III. Related Work **6**
PSYCH 1113 General Psychology
SOC 1113 Introduction to Sociology

IV. Minor (Not Required)

V. Electives **26**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
^Denotes a required course for the Colleagiate Officer Program.

ENGLISH

Bachelor of Arts — Major Code -- 0145

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

Includes recommended Math course—MATH 1413

II. Major in English **54**

A. Required Core Courses 30

ENG	1113	Freshman Composition I
ENG	1213	Freshman Composition II OR
HNRS	2313	Enduring Questions: Perspectives from Rhetoric and Research (Honors Students Only)
HUM	2323	Global Literatures
ENG	2513	Introduction to Literary Study
ENG	3143	Introduction to Film
ENG	3193	Persuasive Writing and Logic
ENG	3213	Shakespeare
ENG	3363	Critical Approaches
ENG	4013	Grammar and Linguistics
ENG	4883	Publication and Portfolio Capstone

Four (4) of the following, including one from eeach category. Select one additional course from American, British, or World Literature.

American Literature

ENG	2423	American Literature to 1865
ENG	2433	American Literature since 1865

British Literature

ENG	2643	British Literature to 1800
ENG	2653	British Literature since 1800

World Literature

ENG	3913	World Literature to 1700
ENG	3923	World Literature since 1700

Select two (2) of the following:

ENG	2243	Introduction to Creative Writing
ENG	2713	Publications Practicum
ENG	2883	Special Studies in English
ENG	3113	Advanced Writing
ENG	3183	Technical and Professional Writing
ENG	3343	Composing Theories and Practice
ENG	3373	Creative Writing: Genre

Select two (2) of the following:

ENG	4523	Amer Lit (Subject named in title listing)
ENG	4543	British Lit (Subject named in title listing)
ENG	4553	World Lit (Subject named in title listing)
ENG	4641-4	Internship (Subject named in title listing)
ENG	4813	Special Topics in Literature
ENG	4823	Special Topics in Language Arts
ENG	4983	Seminar in English

III. Related Work **6**

Two sequential three-hour elementary language courses.

IV. Minor (Not required)

A minor with the English major may be selected by the student from a wide range of disciplines, including the following: foreign language, mass communication, communication and performance studies, and history or other social sciences.

V. Electives **32**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Special Requirements

"Teachers" or "methods" courses with the exception of ENG 3733 and 4473 do not count in the major.

VII. Total Hours Required **120**

ENGLISH
Teacher Certification Concentration
Bachelor of Arts

Major Code -- 0144

I. General Education **40**

21 hours (COMM 1113, ENG 1113, ENG 1213 or HNRS 2313, HUM 2313, HUM 2323, PSYCH 1113 and one of the following: ASLHR 2613, FREN 1113, RUSS 1113, or SPAN 1113) counted in the Major

Includes recommended courses BIOL 1114 and MATH 1413

II. Major in English-Teacher Certification **54**

A. Required Core Courses 30

ENG 1113 Freshman Composition I
ENG 1213 Freshman Composition II OR
HNRS 2313 Enduring Questions: Perspectives from Rhetoric and Research (Honors Students Only)

HUM 2323 Global Literatures
ENG 2513 Introduction to Literary Study
ENG 3143 Introduction to Film
ENG 3193 Persuasive Writing and Logic
ENG 3213 Shakespeare
ENG 3363 Critical Approaches
ENG 4013 Grammar and Linguistics
ENG 4883 Publication and Portfolio Capstone

B. Required in English-Teacher Certification Major 6

ENG 3733 Teaching Literature in Secondary School
ENG 4723 Teaching of Grammar and Composition in Secondary School

D. Required English-Teacher Certification Electives 18

Four (4) of the following, including one from each category. Select one additional course from American, British, or World Literature.

American Literature
ENG 2423 American Literature to 1865
ENG 2433 American Literature since 1865

British Literature
ENG 2643 British Literature to 1800
ENG 2653 British Literature since 1800

World Literature
ENG 3913 World Literature to 1700
ENG 3923 World Literature since 1700

Select one (1) of the following:
ENG 2243 Introduction to Creative Writing
ENG 2883 Special Studies in English
ENG 3113 Advanced Writing
ENG 3183 Technical and Professional Writing
ENG 3343 Composing Theories and Practice
ENG 3373 Creative Writing: Genre

Select one (1) of the following:
ENG 4523 Amer Lit (Subject named in title listing)
ENG 4543 British Lit (Subject named in title listing)
ENG 4553 World Lit (Subject named in title listing)
ENG 4641-4 Internship (Subject named in title listing)
ENG 4813 Special Topics in Literature
ENG 4823 Special Topics in Language Arts
ENG 4983 Seminar in English

III. Related Work **15**

COMM 1113 Fundamentals of Human Comm
HUM 2313 Multicultural American Literature
PSYCH 1113 General Psychology
Two sequential three-hour elementary language courses.

IV. Minor

Professional Education is used for the minor and no other minor is required.

V. Professional Education **30**

See current catalog for requirements.

VI. Electives **2**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VII. Total Hours Rquired **120**

VII. Special Requirements

Minor in English--140D

Three hours from the following (literature):
ENG 2423 American Literature to 1865
ENG 2433 American Literature since 1865
ENG 2643 British Literature to 1800
ENG 2653 British Literature since 1800
ENG 3143 Introduction to Film
ENG 3363 Critical Approaches
ENG 4523 Amer Lit (Subject named in title listing)
ENG 4543 British Lit (Subject named in title listing)
ENG 4553 World Lit (Subject named in title listing)
ENG 4613 Literary Genre (Subject named in title listing)
ENG 4813 Special Topics in Literature (Subject named in title listing)

Three hours from the following (language theory):
ENG 4013 Grammar and Linguistics
ENG 4823 Special Topics in Language (Subject named in title listing)

Three hours from the following (writing):
ENG 2243 Introduction to Creative Writing
ENG 2713 Publications Practicum
ENG 3113 Advanced Writing
ENG 3183 Technical and Professional Writing
ENG 3193 Persuasive Writing and Logic
ENG 3343 Composing Theories and Practices
ENG 3373 Introduction to Creative Writing: Genre (Subject named in title listing)

Twelve hours of approved electives with ENG prefix (ENG 1113 and ENG 1213 not included).

Minimum Total Hours 21

(NOTE: At least 6 hours must be at the 3000-4000 level.) Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in English as a Second Language (ESL) - 720A

ENG 4013 Grammar and Linguistics
ENG 4823 Special Topics in Language Arts (this course will be taken twice with different topics)
HUM 2713 Language and Culture
Six hours foreign language (taken, not tested out, ASL not accepted)

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Humanities - 730A

Students must complete 12 hours of required courses in the G area of General Education to satisfy General Education graduation requirements. One of the courses with ART, COMM, HIST, HUM or MUS prefixes taken to satisfy General Education G.1 or G.2 area requirements may apply toward the Humanities minor. Students will need 15 additional hours beyond G.1 and G.2 General Education requirements to complete the Humanities minor.

Select one of the following:
HIST 1113 Early Western Civilization
HUM 2113 General Humanities I

Select one of the following:
HIST 1123 Modern Western Civilization
HUM 2123 General Humanities II

Select nine hours from the following:
General Education G.1 and/or G.2 area courses with ART, COMM, HIST, HUM, MUS or PHIL prefixes.

And/or

ART
ART 2243 Art History Survey I
ART 2253 Art History Survey II
ART 4213 History of Art-Contemporary
ART 4983 Seminar in Art (Subject named in title listing)

COMM
COMM 3403 Theatre History Survey
COMM 4423 Intercultural Communication

ENG
ENG 2423 American Literature to 1865
ENG 2433 American Literature since 1865
ENG 2643 British Literature to 1800
ENG 2653 British Literature since 1800
ENG 3143 Introduction to Film
ENG 3363 Critical Approaches
ENG 4000 level literature

HIST
Any HIST except HIST 3883

MCOM
MCOM 1733 Introduction to Mass Media

MUS
MUS 3633 History of Music Through Bach
MUS 3643 History of Music since Bach

PHIL
PHIL 2003 Being, Knowing, Doing
PHIL 2013 Faith, Freedom, and Fate
PHIL 2023 Self, Society, and Justice
PHIL 2033 Truth, Goodness, and Beauty

Three hours 4000 level approved humanities course from ART, COMM, ENG, HIST, HUM, MUS or PHIL.

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

HISTORY

Bachelor of Arts — Major Code -- 0220

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in History **42**

A. Required Core Courses 21

HIST	1113	Foundations of Western Civilization
HIST	1123	Modern Western Civilization
HIST	2483	U.S. History Survey to 1877
HIST	2493	U.S. History Survey since 1877
HIST	3333	Vistas in World History
HIST	3343	Vistas in U.S. History
HIST	3883	Writing in History (subject named in title listing)

B. Required History Electives 21
21 hours 3000-4000 level History courses

III. Minor (Not required)

IV.Electives **47**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student

V. Total Hours Required **120**

VI. Special Requirements
An earned grade of C or higher is required of all History courses to be counted in the History major.

Minor in History - 220A

Eighteen hours History courses
(at least six hours of 3000-4000 level History courses)

Minimum Total Hours **18**

"Teachers" or "methods" courses do not count in the minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Oklahoma Studies - 670A

HUM 2513 Intro to Oklahoma Cultural Studies

Select one of the following:
ENG 4993 Individual Study in English
(Subject named in title listing)
HIST 4993 Individual Study in History
(Subject named in title listing)

12 hours other approved courses in history, English, geography or other areas with significant Oklahoma content. A minimum of 6 of these hours must be in Native American Studies.

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

HISTORY
Teacher Certification Concentration
Bachelor of Arts

Major Code -- 0221

I. General Education **40**
15 hours (COMM 1113, HIST 1113, HIST 1123, HIST 2483, and PSYCH 1113) counted in the major.

II. Major in History **42**
At least 21 History hours must be 3000-4000 level.

A. Required Core Courses 21

HIST	1113	Foundations of Western Civilization
HIST	1123	Modern Western Civilization
HIST	2483	U.S. History Survey to 1877
HIST	2493	U.S. History Survey since 1877
HIST	3333	Vistas in World History
HIST	3343	Vistas in U.S. History
HIST	3883	Writing in History (subject named in title listing)

B. Required for Concentration in Teacher Certification 3

HIST	2213	Oklahoma History

C. Required History Electives 18
18 hours 3000-4000 level History courses

III. Related Work 21

COMM	1113	Fundamentals of Human Comm
PSYCH	1113	General Psychology
SOSTU	4873	Methods in Secondary Social Studies

Complete requirements in each of the following areas that have not been counted for General Education credit:

1. Economics:
Select one of the following:

ECON	2003	Principles of Macroeconomics
ECON	2013	Principles of Microeconomics

2. Geography:
Select one of the following:

GEOG	1113	Elements of Human Geography
GEOG	2513	World Regional Geography

3. Political Science
Select one of the following:

LSPS	3113	Constitutional Law: Issues of National Power
LSPS	3133	Civil Rights and Liberties
LSPS	3143	First Amendment Law
PS	3413	The U.S. Legislatures
PS	3633	The U.S. Presidency
PS	3723	Oklahoma Politics
PS	3913	International Relations

4. Anthropology and Culture:

ANTH	2713	Introduction to Cultural Anthropology

III. Minor
Professional Education is used as the minor and no other minor is required.

IV. Professional Education **30**

IV. Electives **2**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student

V. Total Hours Required **120**

VI. Special Requirements
An earned grade of C or higher is required of all History courses to be counted in the History major.

HUMAN SERVICES COUNSELING
Human Services Counseling Concentration
Bachelor of Arts

Major Code -- 0265

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Human Services Counseling **45**

A. Required Human Services Counseling Core Courses 24

HURES	2083	Human Behavior and Social Environment I
HURES	2103	Interviewing Techniques
HURES	2183	Fundamentals of Counseling
HURES	3183	Case Management Practice
HURES	4946	Internship--Human Services Counseling
HURES	4946	Internship--Human Services Counseling

B. Required Human Services Counselling Concentration 15

HURES	3203	Vocational Testing & Evaluation
HURES	3213	Employment and Placement Techniques
HURES	3763	Group Processes and Practice
HURES	4443	Counseling Services
HURES	4453	Intervention Techniques

C. Required Electives 6

Six hours of 3000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH

III. Related Work **6**

PSYCH	1113	General Psychology
SOC	1113	Intro to Sociology

IV. Minor (Not Required)

V. Electives **35**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

“Teachers” or “methods” courses do not count in the major

HUMAN SERVICES COUNSELING
Rehabilitation Concentration
Bachelor of Arts **Major Code -- 0267**

I. General Education **40**
A maximum of 12 hours may be counted in both the major/ related work and general education.

II. Major in Human Services Counseling **45**

A. Required Human Services Counseling Core Courses 24
HURES 2083 Human Behavior and Social Environment I
HURES 2103 Interviewing Techniques
HURES 2183 Fundamentals of Counseling
HURES 3183 Case Management Practice
HURES 4946 Internship--Human Services Counseling

B. Required for Rehab Concentration 21
HURES 2213 Introduction to Rehab Counseling
HURES 3083 Med, Soc, and Psych Aspects of Disability
HURES 3203 Vocational Testing & Evaluation
HURES 3213 Employment and Placement Techniques
HURES 3763 Group Processes and Practice
HURES 4443 Counseling Services
HURES 4453 Intervention Techniques

6

C. Required Electives
Six hours of 2000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH
Six hours of 3000-4000 upper level electives in HURES, SOWK, CRJS, SOC, or PSYCH or additional section of HURES 4946

III. Related Work **6**
PSYCH 1113 General Psychology
SOC 1113 Intro to Sociology

IV. Minor (Not Required)

V. Electives **35**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements
"Teachers" or "methods" courses do not count in the major

Minor in Human Services Counseling

For Majors in Professional Programs in Human Services Fields - 260A

HURES 2183 Fundamentals of Counseling
HURES 3203 Vocational Testing and Evaluation
HURES 4443 Counseling Services
HURES 4453 Intervention Techniques
Six hours of 2000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH.

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

For Majors Not in Professional Programs in Human Services Fields - 260B

HURES 2103 Interviewing Techniques
HURES 2183 Fundamentals of Counseling
HURES 3183 Case Management Practice
HURES 3203 Vocational Testing and Evaluation
HURES 4443 Counseling Services
Six hours of 2000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH.

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Addictions

For Majors in Professional Programs in Human Services Fields - 260G

HURES 2183 Fundamentals of Counseling
HURES 3283 Addictions & Society
HURES 3383 Introduction to Addictions
HURES 3763 Group Processes and Practice
HURES 3813 Family Systems, Codependency and Addictions
HURES 4453 Intervention Techniques

Minimum Total Hours 18

Human Services Counseling majors with concentrations in Aging, Counseling, and Rehabilitation Counseling must select, with Counseling faculty approval, additional Counseling courses to substitute for HURES 2183, HURES 3763, and HURES 4453.

Human Services Counseling-Services to the Deaf Concentration majors must select, with Counseling faculty approval, an additional Counseling course to substitute for HURES 2183.

Social Work majors must select, with Counseling faculty approval, an approved substitute for HURES 3763.

Criminal Justice majors must select, with Counseling faculty approval, an approved course to substitute for HURES 3763.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

For Majors Not in Professional Programs in Human Services Fields - 260H

HURES 2103 Interviewing Techniques
HURES 2183 Fundamentals of Counseling
HURES 3283 Addictions & Society
HURES 3383 Introduction to Addictions
HURES 3763 Group Processes and Practice
HURES 3813 Family Systems, Codependency and Addictions
HURES 4453 Intervention Techniques

Minimum Total Hours 21

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Aging Services

For Majors in Professional Programs in Human Services Fields - 260C

HRPSY 3253 Psychology of Aging
HURES 2293 Introduction to Aging
HURES 4263 Gerontological Program Management
Nine hours of 2000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH

Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

For Majors Not in Professional Programs in Human Services Fields - 260D

HRPSY 3253 Psychology of Aging
HURES 2083 Human Behavior and Social Env I
HURES 2293 Introduction to Aging
HURES 4263 Gerontological Program Management Six hours of 2000-4000 level electives in HURES, SOWK, CRJS, SOC, or PSYCH
Minimum Total Hours 18

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

INTERDISCIPLINARY STUDIES

Bachelor of Arts **Major Code -- 0560**

I. General Education **40**

A maximum of 12 hours may be counted in both the major/ related work and general education.

II. Major in Interdisciplinary Studies **45**

A. Required Core Courses 12

IDS	3113	Interdisciplinary Studies
IDS	3123	Professional Field Experience I
IDS	4123	Professional Field Experience II
IDS	4723	Senior Project

B. Required in Interdisciplinary Studies Major 33

Complete 33 semester hours of course work that was approved in the student's Independent Learning Plan (ILP). The ILP must reflect a coherent plan of study in support of the student's academic and career goals.

The ILP must include at least 18 hours of credit at ECU and at least 15 hours must be upper division credit.

III. Electives **35**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

IV. Total Hours Rquired **120**

V. Special Requirements

Note: Students seeking a teaching license under Alternative Certification must meet the requirements of the State Department of Education.

LEGAL STUDIES

Bachelor of Science — Major Code -- 0550

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Legal Studies **54**

A. Required in the Legal Studies Major 21
LS 3223 Legal Research and Writing I
LS 3233 Legal Research and Writing II
LS 3383 Legal Systems and Applications
LS 3563 Civil Procedure and Litigation
LS 4863 Legal Ethics
LS 4943 Legal Internship OR
LS 3243 Native American Legal Clinic
LSPS 2153 Introduction to Law

B. Legal Specialty Courses 12
Select 12 hours from the following:

LS 4123 Torts
LS 4133 Evidence
LS 4143 Native American Law
LS 4173 Contracts
LS 4183 Real Estate Law
LS 4253 Family Law
LS 4283 Criminal Law
LS 4543 Wills, Estates, Trust and Probate
LS 4653 Administrative Law
LSPS 3143 First Amendment Law
LSPS 3113 Constitutional Law: Issues of National P
LSPS 3133 Civil Rights and Liberties
LSPS 4113 International Law

C. Select 9 hours of Political Science Courses (beyond PS 1113) 9

D. Controlled Electives 12

Select 12 hours from the following:
ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
ACCT 3383 Federal Income Tax Accounting
BIOL 2113 Medical Terminology
BUCOMM 3133 Business Comm and Report Writing
BUSLW 3213 The Legal Environment of Business
BUSLW 3253 Business Law
COMM 3213 Persuasion
CRJS 2233 Introduction to Criminal Justice
CRJS 4473 Legal Aspects of Criminal Justice Process
ENG 3193 Persuasive Writing and Logic
HURES 2103 Interviewing Techniques
LS 4143 Native American Law
LS 4981-3 Seminar in Law (Subject named in title listing)
LSPS 4883 Jurisprudence
MCOM 3853 Media Ethics and Law

Other Political Science or Legal Studies or LSPS or Criminal Justice or Native American Studies courses not counted above

III. Minor (Not Required)

IV. Electives **26**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours Rquired
120

VI. Special Requirements

"Teachers" or "methods" courses do not count in the major.

MASS COMMUNICATION
Advertising/Public Relations Concentration
Bachelor of Science

Major Code -- 0493

I. General Education **40**

A maximum of twelve hours may be counted in both the major/related work and general education.

II. Major in Mass Communication Core: **57**

A. Required Core Courses 33

ART	1123	Computers for Creatives
ART	2943	Principles of Graphic Design
MCOM	1713	Introduction to Photography
MCOM	1733	Introduction to Mass Media
MCOM	1813	Introduction to Video Production
MCOM	2733	Writing for Media I Media
MCOM	3013	Practicum
MCOM	3053	Social Media Management
MCOM	3783	Writing for Media II Media
MCOM	3853	Ethics and Law
MCOM	4012	Career Preparation Senior
MCOM	4611	Portfolio in Mass Comm
SFA	1000	Cultural Attendance

B. Required for Concentration in Media Production 12

MCOM	3823	Advertising
MCOM	3843	Advertising Copy and Layout
MCOM	3893	Public Relations
MCOM	4323	Ad/PR Campaigns

C. Required Electives 12

(Select 12 hours from the following)

COMM	3133	Organizational Communication
COMM	3303	Persuasion
COMM	3943	Group Dynamics
COMM	4013	Crisis Communication
COMM	4423	Intercultural Communication
ENG	3183	Technical and Professional Writing
MKTG	3313	Principles of Marketing
MKTG	3813	Professional Selling
MCOM	2743	Photojournalism
MCOM	2753	Introduction to Audio Production
MCOM	3063	Emerging Media
MCOM	3333	Intermediate Photography
MCOM	3343	Imaging for Media
MCOM	3863	Radio and Podcast Production
MCOM	3873	Intermeiate Video Production
MCOM	4123	Short Film Prodcution
MCOM	4223	Conceptual Art Photography
MCOM	4233	Documentary Production
MCOM	4711-3	Professional Internship
MCOM	4733	Contemporary Issues in Mass Comm
MCOM	4813	Public Relations Writing
MCOM	4981-4	Seminar in Mass Comm (Subject named in title listing)
MCOM	4991-4	Independent Study in Mass Comm (Subject named in title listing)

IV. Minor (Not Required)

V. Electives **23**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Rquired **120**

VII. Special Requirements

Note 1: Students declaring a Mass Communication major starting in the fall 2015 semester or later must successfully complete one semester of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded).

MASS COMMUNICATION
Media Production Concentration
Bachelor of Science

Major Code -- 0494

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Mass Communication Core: **57**

A. Required Core Courses 33

ART	1123	Computers for Creatives
ART	2943	Principles of Graphic Design
MCOM	1713	Introduction to Photography
MCOM	1733	Introduction to Mass Media
MCOM	1813	Introduction to Video Production
MCOM	2733	Writing for Media I
MCOM	3013	Media Practicum
MCOM	3053	Social Media Management
MCOM	3783	Writing for Media II
MCOM	3853	Media Ethics and Law
MCOM	4012	Career Preparation
MCOM	4611	Senior Portfolio in Mass Comm
SFA	1000	Cultural Attendance

B. Required for Concentration in Media Production 12

MCOM	2753	Introduction to Audio Production
MCOM	3333	Intermediate Photography
MCOM	3343	Imaging for Media
MCOM	3873	Intermediate Video Production

C. Required Electives (Select 12 hours from the following) 12

ART	2153	Typography I
ART	3303	Motion Graphics
ART	3943	Graphic Design I
ENG	3143	Introduction to Film
MCOM	2743	Photojournalism
MCOM	3023	Audio Engineering I
MCOM	3043	AR/VR Production
MCOM	3063	Emerging Media
MCOM	3823	Advertising
MCOM	3843	Advertising Copy and Layout
MCOM	3863	Radio and Podcast Production
MCOM	3893	Public Relations
MCOM	4023	Audio Engineering II
MCOM	4123	Short Film Prodcution
MCOM	4223	Conceptual Art Photography
MCOM	4233	Documentary Production
MCOM	4313	Advanced Video Production
MCOM	4323	Ad/PR Campaigns (Subject named in title listing)
MCOM	4711-3	Professional Internship
MCOM	4733	Contemporary Issues in Mass Comm
MCOM	4813	Public Relations Writing
MCOM	4981-4	Seminar in Mass Comm (Subject named in title listing)
MCOM	4991-4	Independent Study in Mass Comm (Subject named in title listing)

III. Minor (Not Required)

IV. Electives **23**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours Rquired **120**

VI. Special Requirements
Note 1: Students declaring a Mass Communication major starting in the fall 2015 semester or later must successfully complete one semester of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded).

MASS COMMUNICATION
Strategic Communication Concentration
Bachelor of Science

Major Code 0495

I. General Education
40
A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Mass Communication Core:
57

A. Required Core Courses 33
ART 1123 Computers for Creatives
ART 2943 Principles of Graphic Design
MCOM 1713 Introduction to Photography
MCOM 1733 Introduction to Mass Media
MCOM 1813 Introduction to Video Production
MCOM 2733 Writing for Media I
MCOM 3013 Media Practicum
MCOM 3053 Social Media Management
MCOM 3783 Writing for Media II
MCOM 3853 Media Ethics and Law
MCOM 4012 Career Preparation
MCOM 4611 Senior Portfolio in Mass Comm
SFA 1000 Cultural Attendance

B. Required for Concentration in Media Production 12
COMM 2153 Interpersonal Communication
COMM 3133 Organizational Communication
COMM 3243 Presentational Communication
COMM 3613 Group Dynamics

C. Required Electives (Select 12 hours from the following) 12
COMM 3213 Persuasion
COMM 4013 Crisis Communication
COMM 4423 Intercultural Communication
ENG 3183 Technical & Professional Writing
MCOM 2743 Photojournalism
MCOM 2753 Intro to Audio Production
MCOM 3063 Emerging Media
MCOM 3823 Advertising
MCOM 3843 Advertising Copy and Layout
MCOM 3863 Radio and Podcast Production
MCOM 3873 Intermediate Video Production
MCOM 3893 Public Relations
MCOM 4223 Conceptual Art Photography
MCOM 4233 Documentary Production
MCOM 4313 Advanced Video Production
MCOM 4323 Ad/PR Campaigns (Subject named in title listing)
MCOM 4711-3 Professional Internship
MCOM 4733 Contemporary Issues in Mass Comm
MCOM 4813 Public Relations Writing
MCOM 4981-4 Seminar in Mass Comm (Subject named in title listing)
MCOM 4991-4 Independent Study in Mass Comm (Subject named in title listing)

III. Minor (Not Required)

IV. Electives **23**

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

V. Total Hours Rquired

120

VI. Special Requirements

Note 1: Students declaring a Mass Communication major starting in the fall 2015 semester or later must successfully complete one semester of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded).

Minor in Mass Communication - 490A

MCOM 1733 Introduction to Mass Media

Select 15 hours from the following courses:
(at least six hours must be 3000-4000 level courses)

MCOM 1713 Introduction to Photography
MCOM 1813 Introduction to Video Production
MCOM 2733 Writing for Media I
MCOM 2743 Photojournalism
MCOM 2753 Intro to Audio Production
MCOM 3333 Intermediate Photography
MCOM 3343 Imaging for Media
MCOM 3783 Writing for Media II
MCOM 3823 Advertising
MCOM 3843 Advertising Copy and Layout
MCOM 3853 Media Ethics and Law
MCOM 3863 Radio and Podcast Production
MCOM 3873 Studio Video Production
MCOM 3893 Public Relations
MCOM 4123 Short Film Production
MCOM 4223 Conceptual Art Photography
MCOM 4233 Documentary Production
MCOM 4313 Advanced Video Production
(Subject named in title listing)
MCOM 4323 Ad/PR Campaigns
(Subject named in title listing)
MCOM 4733 Contemp Issues in Mass Communications
MCOM 4813 Public Relations Writing
MCOM 4863 Television Studio Production
MCOM 4981-4 Seminar in Mass Comm
(Subject named in title listing)
MCOM 4991-4 Individual Study in Mass Comm
(Subject named in title listing)

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Media/Graphic Arts - 680B
(for majors in Mass Communication)

ART 1133 Drawing I
ART 1213 Two Dimensional Design
ART 3923 Digital and Electronic Art I
ART 3943 Graphic Design I
ART 4923 Digital and Electronic Art II
MCOM 3333 Intermediate Photography

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Media/Graphic Arts - 680C
(for non Mass Communication majors)

ART 1133 Drawing I
ART 1213 Two Dimensional Design
ART 3923 Digital and Electronic Art I
ART 3943 Graphic Design I
MCOM 1713 Introduction to Photography
MCOM 3343 Imaging for Media

Minimum Total Hours **18**

Students are strongly advised to use elective hours to complete course work in MCOM 3333 Intermediate Photography and ART 4923 Digital and Electronic Art II.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Certificate in Mass Communication
(Accounts Management) - 5070

A. Required in Mass Communication Core **9**
MCOM 1733 Introduction to Mass Media
MCOM 2733 Writing for Media I
MCOM 3853 Media Ethics and Law

B. Required in Advertising/Public Relations Core **9**
MCOM 3823 Advertising
MCOM 3843 Advertising Copy and Layout
MCOM 3893 Public Relations

C. Management Core **9**
MGMT 3013 Principles of Management
MGMT 3043 Human Resources Management
MGMT 4623 Leadership

D. Required Electives **6**
MCOM 3343 Imaging for Media
MCOM 4813 Public Relations Writing

Total Hours **33**

Certificate in Mass Communication
(Social Media Marketing) - 5130

A. Required in Mass Communication Core **9**

ART 1123 Computers for Creatives
MCOM 3053 Social Media Management
MCOM 4733 Contemporary Issues in Mass Communication

B. Required in Advertising/Public Relations Core **9**
MCOM 3823 Advertising
MCOM 3843 Advertising Copy and Layout
MCOM 3893 Public Relations

C. Required Elective Courses
9 MCOM 1713 Introduction to Photography
MCOM 3343 Imaging for Media
MCOM 4813 Public Relations Writing

Total Hours **27**

MUSIC
Instrumental Concentration
Bachelor of Science

Major Code -- 0335

I. General Education **40**
A maximum of twelve hours may be applied to both the major/related work and general education.

II. Major in Music **61**

A. Required Music Cire 12

MUS	1000	Performing Arts Recital (enroll each semester)
MUS	1113	Music Theory & Ear Training I
MUS	1133	Music Theory & Ear Training II
MUS	1233	Music Theory & Ear Training III
MUS	3113	Music Theory & Ear Training IV
SFA	1000	Cultural Attendance (Must pass two times)

B. Required for Instrumental Concentration 49

MUS	1511	Class Instruction in Brass Instruments
MUS	1611	Class Instruction in Woodwind Instruments
MUS	1711	Class Instruction in String Instruments
MUS	1811	Class Instruction in Percussion Instruments
MUS	2211	Band (enroll for 8 semesters)
MUS	2422	Intro to Music Education
MUS	3211	Principles of Conducting
MUS	3221	Band Literature
MUS	3633	History of Music Through Bach
MUS	3643	History of Music Since Bach
MUS	3831	Instrumental Conducting
MUS	4113	Musical Form & Analysis

Major Instrument-- Voice (sixteen hours)
Minor Instrument (three hours)
Piano (four hours)

III. Minor (not required)
Students who wish to prepare for a career in Music Business may complete the minor in Business Admin for Music Majors - 070D.

IV. Electives **19-25**

V. Total Hours Required **120**

VI. Special Requirements

"Teachers" or "methods" courses do not count in the major.

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

Note 1: In some instances, students having suitable proficiency in piano may substitute study in organ for part of the normal requirement in piano.

Note 2: Participation in a music ensemble designated by the department as appropriate for the student's degree program is required each fall and spring semester at ECU, except for the student teaching semester of music education majors.

Note 3: Music majors *must* successfully complete eight semesters of MUS 1000 Performing Arts Recital (zero hours credit, P/NP graded). Additional information, including modification of the requirement for transfers who were music majors at their previous institution, is given in the *Music Department Handbook.*

Note 4: Proficiency tests in Piano, in Theory and in Applied Music must be taken at the end of the sophomore year or its equivalent; transfer students must take these proficiency tests during their first week of classes at ECU. Re-examination will be permitted, but the tests must be passed before the senior recital. In Applied Music, a Proficiency Jury must be passed in order to enroll in 3000-level courses.

Note 5: ECU requires all music majors to complete a senior Recital. The recital sequence requires performing and passing a preview recital at least 30 days prior to the senior recital. The requirement cannot be fulfilled through transfer credit. The student's passing grade will indicate successful completion of the recital in the final semester.

Note 6: Students declaring a Music major starting in the fall 2015 semester or later, must successfully complete two semesters of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded). Additional information is available in the office of the Director of the School of Fine Arts.

MUSIC
Instrumental Concentration - Teacher Certification
Bachelor of Science

Major Code -- 0331

I. General Education **40**

A maximum of 12 hours may be counted in both the major/related work and general education.

Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher.

II. Major in Music **63**

A. Required Music Core 12

MUS 1000 Performing Arts Recital (enroll each semester)
MUS 1113 Music Theory & Ear Training I
MUS 1133 Music Theory & Ear Training II
MUS 1233 Music Theory & Ear Training III
MUS 3113 Music Theory & Ear Training IV
SFA 1000 Cultural Attendance (Must pass two times)

B. Required Core Courses 51

MUS 1511 Class Instruction in Brass Instruments
MUS 1611 Class Instruction in Woodwind Instruments
MUS 1711 Class Instruction in String Instruments
MUS 1811 Class Instruction in Percussion Instruments
MUS 2111 University Singers (enroll two semesters)
MUS 2211 Band (enroll for 7 semesters)
MUS 2422 Intro to Music Education
MUS 3211 Principles of Conducting
MUS 3221 Band Literature
MUS 3232 Marching Band Techniques
MUS 3633 History of Music Through Bach
MUS 3643 History of Music Since Bach
MUS 3831 Instrumental Conducting
MUS 4113 Musical Form & Analysis
MUS 4412 Music in the Elementary School
MUS 4432 Instrumental Music in the School
MUS 4512 Admin of the Instrumental Music Prog

Major Instrument-- (eight hours)
Minor Instrument (three hours)
Piano (four hours)

III. Related Work **6**

COMM 1113 Fundamentals of Human Communication
PSYCH 1113 General Psychology

IV. Minor
Professional Education is used for the minor and no additional minor is required

V. Professional Education **30**

VI. Total Hours Rquired **133**

VII. Special Requirements

"Teachers" or "methods" courses do not count in the major.

Note 1: In some instances, students having suitable proficiency in piano may substitute study in organ for part of the normal requirement in piano.

Note 2: Participation in a music ensemble designated by the department as appropriate for the student's degree program is required each fall and spring semester at ECU, except for the student teaching semester of music education majors.

Note 3: Music majors *must* successfully complete eight semesters of MUS 1000 Performing Arts Recital (zero hours credit, P/NP graded). Additional information, including modification of the requirement for transfers who were music majors at their previous institution, is given in the *Music Department Handbook.*

Note 4: Proficiency tests in Piano, in Theory and in Applied Music must be taken at the end of the sophomore year or its equivalent; transfer students must take these proficiency tests during their first week of classes at ECU. Re-examination will be permitted, but the tests must be passed before the senior recital. In Applied Music, a Proficiency Jury must be passed in order to enroll in 3000-level courses.

Note 5: ECU requires all music majors to complete a senior Recital. The recital sequence requires performing and passing a preview recital at least 30 days prior to the senior recital. The requirement cannot be fulfilled through transfer credit. The student's passing grade will indicate successful completion of the recital in the final semester.

Note 6: Students declaring a Music major starting in the fall 2015 semester or later, must successfully complete two semesters of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded). Additional information is available in the office of the Director of the School of Fine Arts.

MUSIC
Vocal Concentration
Bachelor of Science

Major Code -- 0337

I. General Education **40**
A maximum of twelve hours may be applied to both the major/related work and general education.

II. Major in Music **58**

B. Required Core Courses 12
MUS 1000 Performing Arts Recital (enroll each semester)
MUS 1113 Music Theory & Ear Training I
MUS 1133 Music Theory & Ear Training II
MUS 1233 Music Theory & Ear Training III
MUS 3113 Music Theory & Ear Training IV
SFA 1000 Cultural Attendance (Must pass two times)

C. Required for Vocal Concentration 46
MUS 1121 Vocal Diction I
MUS 1711 Class Instruction in String Instruments
MUS 2111 University Singers (enroll for 8 semesters) OR
MUS D2131 Vocal Ensemble - Univ Chorale
MUS 2422 Intro to Music Education
MUS 3211 Principles of Conducting
MUS 3241 Vocal Diction II
MUS 3321 Choral Literature
MUS 3621 Vocal Pedagogy
MUS 3633 History of Music Through Bach
MUS 3643 History of Music Since Bach
MUS 3871 Choral Conducting
MUS 4113 Musical Form & Analysis

Major Instrument-- Voice (sixteen hours)
Minor Instrument-- Piano (four hours)

III. Related Work **6**

A. Required General Education 3
Select one from the following:
FREN 1113 Elementary French I
RUSS 1113 Elementary Russian I
SPAN 1113 Elementary Spanish I

B. Required Electives 3
Select one from the following:
FREN 1223 Elementary French II
RUSS 1223 Elementary Russian II
SPAN 1223 Elementary Spanish II

IV. Minor (Not Required)
Students who wish to prepare for a career in Music Business may complete the minor in Business Admin for Music Majors - 070D.

V. Electives **16-28**

VI. Total Hours Rquired **120**

VII. Special Requirements
"Teachers" or "methods" courses do not count in the major.

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

Note 1: In some instances, students having suitable proficiency in piano may substitute study in organ for part of the normal requirement in piano.

Note 2: Participation in a music ensemble designated by the department as appropriate for the student's degree program is required each fall and spring semester at ECU, except for the student teaching semester of music education majors.

Note 3: Music majors *must* successfully complete eight semesters of MUS 1000 Performing Arts Recital (zero hours credit, P/NP graded). Additional information, including modification of the requirement for transfers who were music majors at their previous institution, is given in the *Music Department Handbook.*

Note 4: Proficiency tests in Piano, in Theory and in Applied Music must be taken at the end of the sophomore year or its equivalent; transfer students must take these proficiency tests during their first week of classes at ECU. Re-examination will be permitted, but the tests must be passed before the senior recital. In Applied Music, a Proficiency Jury must be passed in order to enroll in 3000-level courses.

Note 5: ECU requires all music majors to complete a senior Recital. The recital sequence requires performing and passing a preview recital at least 30 days prior to the senior recital. The requirement cannot be fulfilled through transfer credit. The student's passing grade will indicate successful completion of the recital in the final semester.

Note 6: Students declaring a Music major starting in the fall 2015 semester or later, must successfully complete two semesters of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded). Additional information is available in the office of the Director of the School of Fine Arts.

MUSIC
Vocal Concentration - Teacher Certification
Bachelor of Science

Major Code -- 0333

I. General Education **40**

A maximum of 12 hours may count in both the major/related work and general education.
Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher.

Courses higlighted in blue are general education courses.

II. Major in Music **60**

A. Required Music Core 12

MUS	1000	Performing Arts Recital (enroll each semester)
MUS	1113	Music Theory & Ear Training I
MUS	1133	Music Theory & Ear Training II
MUS	1233	Music Theory & Ear Training III
MUS	3113	Music Theory & Ear Training IV
SFA	1000	Cultural Attendance (Must pass two times)

B. Required Core Courses 48

MUS	1121	Vocal Diction I
MUS	1521	Class Instruction in String Instruments
MUS	1711	Class Instruction in Wind Instruments
MUS	1811	Class Instruction in Percussion Instru
MUS	2111	University Singers (enroll for 7 semesters) OR MUS D2131 Vocal Ensemble - Univ Chorale
MUS	2422	Intro to Music Education
MUS	3211	Principles of Conducting
MUS	3241	Vocal Diction II
MUS	3321	Choral Literature
MUS	3621	Vocal Pedagogy
MUS	3633	History of Music Through Bach
MUS	3643	History of Music Since Bach
MUS	3871	Choral Conducting
MUS	4113	Musical Form & Analysis
MUS	4412	Music in the Elementary School
MUS	4532	Vocal Music in the Secondary School

Major Instrument-- Voice (eleven hours)
Minor Instrument-- Piano (six hours)

III. Related Work **6**

Required General Education

COMM	1113	Fundamentals of Human Communication
PSYCH	1113	General Psychology

IV. Minor
Professional Education is used for the minor and no additional minor is required

V. Professional Education **30**

VI. Total Hours Rquired **130**

VII. Special Requirements

"Teachers" or "methods" courses do not count in the major.

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

Note 1: In some instances, students having suitable proficiency in piano may substitute study in organ for part of the normal requirement in piano.

Note 2: Participation in a music ensemble designated by the department as appropriate for the student's degree program is required each fall and spring semester at ECU, except for the student teaching semester of music education majors.

Note 3: Music education majors *must* successfully complete seven semesters of MUS 1000 Performing Arts Recital (zero hours credit, P/NP graded). Additional information, including modification of the requirement for transfers who were music majors at their previous institution, is given in the *Music Department Handbook.*

Note 4: Proficiency tests in Piano, in Theory and in Applied Music must be taken at the end of the sophomore year or its equivalent; transfer students must take these proficiency tests during their first week of classes at ECU. Re-examination will be permitted, but the tests must be passed before the student-teaching semester. In Applied Music, a Proficiency Jury must be passed in order to enroll in 3000-level courses.

Note 5: ECU requires all music majors to complete a senior Recital. The recital sequence requires performing and passing a preview recital at least 30 days prior to the senior recital. These requirements may not be met during the student teaching semester, and the recital requirements cannot be fulfilled through transfer credit. The student's passing grade will indicate successful completion of the recital in the final semester.

Note 6: Students declaring a Music major starting in the fall 2015 semester or later, must successfully complete two semesters of SFA 1000 Cultural Attendance (zero hours credit, P/NP graded). Additional information is available in the office of the Director of the School of Fine Arts.

Minor in Music - 330E

MUS 1000 Performing Arts Recital (4 semesters)
MUS 1113 Music Theory and Ear Training I

Major Applied Area - 4 hours (taken in 4 semesters)

Ensembles- 4 hours (from MUS 2111, MUS 2211, MUS 2311, MUS D2131, MUS O2131)

Select three of the following:
MUS 3503 History of Musical Theatre
MUS 1133 Music Theory and Ear Training II
MUS 2533 Music in Life
MUS 3633 History of Music through Bach
MUS 3643 History of Music since Bach

Minimum Total Hours **20**
Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

NATIVE AMERICAN STUDIES

Bachelor of Arts **Major Code -- 0590**

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education.

Includes recommended Math course—MATH 1413

II. Major in Native American Studies **36**

A. Required Core Courses 18

ANTH	2523	Native Peoples of North America
ANTH	2713	Intro to Cultural Anthropology
NAS	1113	Introduction to Native American Studies
NAS	3003	Tribal Sovereignty and Federal Indian Policy OR
NAS	3013	Intro to Native American Language OR
NAS	4983	Indigenous Representations in Film and Documentaries
NAS	4113	Research in Native American Studies
NAS	4223	Internship in Native American Studies

B. NAS Required Electives 18
Other approved hours relating to NAS may be substituted if approved by NAS chair.

Select 18 hours from the following:

ANTH	2003	Intro to Cultural Resource Management
ANTH	3003	Archaeological Theory and Methods
ANTH	4503	Archaeology Field School
ANTH	4981-4	Seminar in Cultural Resource Management

Select 18 hours from the following:

BUS	3013	Native American Economic Development
CHI	1113-4113	Chickasaw I-IV
CHO	1113	Choctaw I
ENG	3123	Introduction to Linguistics
LS	4143	Introduction to Native American Law
NAS	2113	Chickasaw Humanities: Comparing Cultures
NAS	2123	Chickasaw Humanities: Chickasaw Culture
NAS	2883	Special Studies-Muskogee Creek I
NAS	2884	Special Studies-Potawatomi I
NAS	4981-4	Seminar in Native American Studies (Subject named in the title listing)
PS	3193	Tribal Politics
SOC	3003	Native American Sociology
SOWK	4113	The Indian Child Welfare Act

III. Minor
A minor is not required. A minor can be selected and approved by the NAS chair.

V. Electives **46**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student

V. Total Hours Required **120**

VI. Special Requirements
Teachers" or "methods" courses do not count in major.

Minor in Native American Studies - 590A

ANTH 2523 Native Peoples of North America

Fifteen other hours approved by the Chickasaw Nation Native American Studies Chair.

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

POLITICAL SCIENCE

Bachelor of Arts — Major Code -- 0181

I. General Education **40**

A maximum of 12 hours may be counted in both the major and general education.

II. Major in Political Science **36**

A. Required in the Political Science Major 12

PS	1113	U.S. Government
PS	2113	Intro to Political Science
PS	3163	Political Science Research Method
PS	4883	Political Science Capstone

B. Required Political Science Electives 24

Select 24 hours from the following

LSPS	2153	Introduction to Law
LSPS	4113	International Law
LSPS	4883	Jurisprudence
LSPS	4981-4	Seminar
PS	2213	U. S. Governmental Issues and their Politics
PS	2881-4	Special Studies in Government
LSPS	3113	Constitutional Law
LSPS	3133	Civil Rights and Liberties
LSPS	3143	First Amendment Law
PS	3173	Campaigns and Elections
PS	3183	Women in Politics
PS	3193	Tribal Politics
PS	3413	The U.S. Legislatures
PS	3253	Political Philosophy
PS	3613	U.S. Political Thought
PS	3633	The U.S. Presidency
PS	3723	Oklahoma Politics
PS	3823	Introduction to Public Management
PS	3913	International Relations
PS	4113	Political Parties
PS	4163	Post Soviet-Bloc Politics
PS	4353	Study of War
PS	4433	Public Policy Making
PS	4513	Modern Political Thought
PS	4823	U.S. Foreign Policy
PS	4941-6	Internship
PS	4981-6	Seminar in Political Science
PS	4991-4	Individual Study in Political Science

III. Minor (Required) **18-21**

IV. Electives **29-32**

V. Total Hours Rquired **120**

VI. Special Requirements

"Teachers" or "methods" courses do not count in the major.

An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

Minor in Political Science - 180A

PS 2113 Introduction to Political Science

15 hours other Political Science courses (at least 6 hours of 3000-4000 level courses)

Minimum Total Hours (above PS 1113) **18**

"Teachers" or "methods" courses do not count in the minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

SOCIAL WORK

Bachelor of Social Work — Major Code -- 0500

I. General Education **40**
A maximum of 12 hours may be counted in both the major/related work and general education

II. Major in Social Work **46**

HURES 2083 Human Behavior & Social Environment I
HURES 2103 Interviewing Techniques
HURES 3183 Case Management Practice
HURES 3763 Group Processes and Practice
SOWK 2273 Intro to Social Work & Social Welfare
SOWK 2521 Prof Skills for Soc Work and Soc Welfare
SOWK 3013 Social Work Practice I
SOWK 3613 Social Welfare Policy & Services
SOWK 3833 Research Methods in Social Work
SOWK 4423 Human Behavior & Social Environment II
SOWK 4494 Social Work Practice II
SOWK 4892 Integrative Seminar in Social Work
SOWK 4946 Internship in Social Work
SOWK 4946 Internship in Social Work

III. Related Work **10**

BIOL 1114 General Biology
(Satisfies general education requirement and must be completed prior to enrollment in HURES 2083 Human Behavior Social Environment I)

PSYCH 1113 General Psychology
(Satisfies general education requirement and must be completed prior to enrollment in HURES 2083 Human Behavior Social Environment I)

SOC 1113 Introducation to Sociology
(Satisfies general education requirement and must be completed prior to enrollment in HURES 2083 Human Behavior Social Environment I)

IV. Minor (Not required) **0**

V. Electives **34**
An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Required **120**

VII. Special Requirements

Minor in Social Work

For Majors in Professional Programs in Human Services Fields - 500A

SOWK 2273 Intro to Social Work & Soc Welfare
SOWK 2521 Professional Skills for Soc Work & Soc Welfare
SOWK 3613 Social Welfare Policy & Services
SOWK 4423 Human Beh & Soc Env II
Eight hours of electives approved by Social Work faculty

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

For Majors Not in Professional Programs in Human Services Fields - 500B

HURES 2103 Interviewing Techniques
HURES 3183 Case Management Practice
SOWK 2273 Intro to Social Work & Social Welfare
SOWK 2521 Professional Skills for Soc Work & Soc Welfare
SOWK 3613 Social Welfare Policy & Services
Five hours of electives approved by Social Work faculty

Minimum Total Hours **18**

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.

Minor in Sociology - 410A

SOC 1113 Introductory Sociology
SOC 2113 Social Problems
12 Hours other Sociology courses

Minimum Total Hours **18**

"Teachers" or "methods" courses do not count in the minor.

Must earn three hours of upper division work at ECU towards minor to complete minor residency requirement.



Section IX

OBTAINING TEACHERS' CERTIFICATES, NURSES' LICENSES, AND COLLEGIATE OFFICER CERTIFICATION

GENERAL REGULATIONS

Certificates

East Central University's Certification processes are overseen by The Office of Educational Quality and Accountability. "Pursuant to SB1797, effective July 1, 2014, the Oklahoma Commission for Teacher Preparation (OCTP) consolidated with the Office of Educational Quality and Accountability (OEQA). The responsibilities of the OCTP, enacted by legislation HB1549 passed in 1995, remains the same, creating a competency-based teacher preparation system that would ensure competent and qualified teachers in every classroom. The agency assumes three primary responsibilities: the accreditation of teacher preparation programs, the assessment of teacher candidates, and the ongoing growth and development of classroom teachers across the state."

Kinds of Certificates

A. Early Childhood School Certificate (Grades PK-3)
B. Elementary School Certificate (Grades 1-8)
C. Elementary-Secondary School Certificate (Grades PK-12)
D. Secondary School Certificate (Grades 6-12)
E. School Service Personnel Certificate

Types of Certificates

The endorsement on the face of the certificate, according to the approved certificate program completed, indicates the *type* of certificate that has been issued.

Classes of Certificates

The *class* of the certificate determines its term of validity. The present classes of certificates are:

A. Standard Certificate - The Standard Certificate has a five year term of validity and a provision for renewal upon compliance with prescribed conditions.

B. Emergency Certificate (one year validity) - This certificate is issued only in emergency cases upon the request and recommendation of a local school superintendent who shall state the school's intention to employ the applicant if the certificate is granted. All such certificates are valid only within the school district upon whose request they are granted.

C. Alternative Certificate (three year validity) - The Oklahoma Alternative Placement Program provides an opportunity for individuals with non-teaching degrees to teach in Oklahoma accredited schools.

D. Provisional Certificate (one year validity) - The Non-Traditional Route to Special Education Teacher Certification provides a method for individuals with a minimum of a bachelor's degree to obtain a special education certification. Candidates must complete a 150-hour program that includes 120 hours of special education training known as "Boot Camp" and 30 hours of field experience. Upon completion the State Board of Education will issue a one-year provisional certificate to teach in the area of mild/moderate disabilities grades Pre K-12.

Certificate Requirements

The general requirements which must be met for each class of certificate are detailed below. Additional minimum requirements for each approved program are described in detail later in this document under each program heading, e.g., Elementary, Music, and Science.

A. *Standard Certificate (undergraduate)* - To be eligible for a Standard Certificate, the applicant shall have:

1. Completed an approved certificate program at an accredited college or university which includes a minimum of the following:

   a. A baccalaureate degree,
   b. Forty-four (44) semester hours in general education,
   c. Thirty (30) semester hours of credit in professional education, and
   d. Forty-nine (49) semester hours of credit in the area of specialization and related areas (see individual certificate programs for specific course work required in the area of specialization and related areas).

2. Passed the state assessments in the teaching area(s) for which the certificate is sought.

B. *Emergency Certificate* - Emergency certification should only be requested when the district has exhausted every option to find an appropriately certified person for the open position. See Oklahoma Department of Education website for procedure.

C. *Additional Certification Issues* - By law 70 O.S. 6-180 et.seq. effective September 1, 1999, Oklahoma's teacher certification became competency-based. Competency for initial licensure is determined by meeting an Oklahoma higher education institution's teacher education program and passing competency examinations. Additional subject area may be added to a certificate by passing the appropriate competency examination(s).

D. *Alternative Certification* - Oklahoma Alternative Placement Program provides an opportunity for individuals with non-teaching degrees to teach in Oklahoma accredited schools. The eligibility requirements are:

1. Qualifications

   a. Have a minimum of a baccalaureate degree from an accredited college/university
   b. Have a major in a field of study that corresponds to an area of Oklahoma certification for a Secondary Certificate, Elementary/Secondary Certificate
   c, Have at least a 2.5 Cumulative Grade Point Average (GPA)
   d. Document two years of work experience in your degree field or completion of post baccalaureate coursework related to your degree field area. (Refer to the Alternative Placement Information Packet on the Oklahoma State Department of Education website for the complete process http://www.ok.gov/sde/oklahoma-alternative-placement-program-teacher-certification#what)

2. Pass the state assessments OGET and OSAT in your major field of study and submit fingerprint cards for a criminal history record search.

3. Complete a course in reading, teaching skills, and classroom management.

4. Pass the State Assessment (OPTE) within three years.

E. *Administrator Alternative Certification* - Pursuant to HB1390, 70 O.S. 6-189 of the 2005 Oklahoma Legislative Session, East Central University will provide support for candidates who wish to pursue alternative certification for school administration. HB1477 of the 2007 legislative session revised the process for certification for school administrators.

1. Qualifications - Candidates who seek certification for school principal will follow the process established by the state. According to state statute, the standards for alternative certification for superintendents of schools and principals shall include:

   a. the completion of a standard master's degree;
   b. two (2) years of relevant work experience in a supervisory or administrative capacity;
   c. a passing score on the subject area competency examination;
   d. filing with the director of teacher education at an Oklahoma accredited institution of higher education a plan for completing an alternative administrative preparation program within (3) years. Relevant work experience and coursework may be considered and applied to reduce the number of hours needed to earn standard certification.

2. Once all of the above requirements have been met for a selected program or programs, the State Department of Education will issue an alternative certificate for superintendent of schools and/or principals. **The certificate shall not exceed three (3) years and shall not be renewable.**

F. *Specialist Certification* (library-media specialist, school counselor, school psychometrist, school psychologist, speech language pathologist, and reading specialist) requires completion of a graduate program meeting the professional education association standards specific to the profession. Contact the Office Educational Quality and Accountability for the universities offering these programs and for information regarding the required competency examination(s).

G. *Provisional Certification* - Pursuant to HB1233, the State Board of Education will issue a one-year provisional certificate to teach in the area of mild-moderate or severe profound disabilities for grades PK-12. The teacher may renew the certificate two more times if the individual has completed at least six credit hours in a non-traditional route to certification program or toward a master's degree in special education.

1. Qualification- This process is designed for candidates who meet the following criteria:

   a. Have earned any four-year degree from an Institution of Higher Education holding Regional Accreditation
   b. Have a Grade Point Average of 2.75 or higher from a previous degree program
   c. Have a recommendation from a representative at a school district or Institution of Higher Education
   d. Pass a National Background Check

e. Commit to complete a Master's Degree or Certification in Special Education.

2. Candidates who meet the above criteria and are interested in obtaining a nontraditional special education certification may submit an application to the State Department of Education. Candidates must then complete a 150-hour program that includes 120 hours of special education training known as "Boot Camp" and 30 hours of field experience.

Institutional Recommendation

An applicant for a certificate which requires completion of an approved certificate program shall be recommended by the preparing institution for the certificate desired if work was completed in Oklahoma.

Evidence of having completed all academic course requirements specified for the certificate desired shall be presented as a part of the application. A statement from the preparing institution declaring the applicant to have completed an approved teacher education program will normally be accepted as satisfying this requirement.

Education of the Exceptional Child

After July 1, 1976, no person shall be granted a standard certificate to teach in the public schools of Oklahoma unless he or she has satisfactorily completed a course of two or more semester hours in the education of the exceptional child. The course shall include instruction on identification of children with learning disabilities caused by neurological disorders, mental retardation, and sociological factors. The course shall provide information on methods and techniques for teaching exceptional children, sources of referral and assistance to teachers and parents.

REQUIREMENTS FOR STANDARD ELEMENTARY, ELEMENTARY-SECONDARY, AND SECONDARY TEACHERS' CERTIFICATES ISSUED THROUGH EAST CENTRAL UNIVERSITY

(See general requirements on preceding pages.)

Required are a bachelor's degree and completion of a program including all work shown in the following. The applicant must have completed in residence at East Central University a sufficient amount of work in professional teacher education and in the teaching field to provide a basis for evaluating his or her readiness for teaching. Grade requirements for certification are given in the College of Education and Psychology Section of this *Catalog*.

GENERAL EDUCATION 44 hours

General education is based on those studies known as the liberal arts, which embrace the broad areas of the humanities, mathematics, the biological and physical sciences, and the social and behavioral sciences and the oral and written communication skills. College credit used to satisfy the requirements in general education, in an amount not to exceed twelve (12) semester hours, may also be counted in meeting requirements in the field of specialization. College credit used to satisfy the requirements in Professional Education shall not be counted toward meeting requirements in General Education.

A minimum of forty-four (44) semester hours in general education is required, and distributed so that upon successful completion of the general education component, the student will have acquired competencies in each of the following areas:

Category A

1. University Studies
2. Written Communication
3. Communication
4. Mathematics
5. United States History and Government
6. Science
7. Humanities and Social Sciences
8. Wellness

PROFESSIONAL TEACHER EDUCATION AND RELATED WORK

Students seeking certification in early childhood, elementary, secondary, and elementary-secondary areas complete 30 hours of professional education course work. Students majoring in early childhood, elementary, and special education must also complete a minimum of twelve hours of related work in each of four core areas: language arts, social studies, science, and mathematics.

Students who are considering teacher education as a career make application for admission into the Teacher Education Program. Admission requirements are presented in the Department of Education description.

SPECIALIZED EDUCATION

Students complete appropriate specialized course work to meet degree and/or certification requirements. Specialized course work is offered leading to a degree with certification or certification only in art, early childhood education, elementary education, English - vocational, mathematics, music, science, social studies, special education, and speech and drama. Specific program course requirements can be found in the department descriptions.

In specialized education (the teaching field), sufficient advanced work (a minimum of nine hours) must be completed at East Central University to provide a basis for evaluation of a student's readiness to be recommended for certification.

OBTAINING A LICENSE AS A REGISTERED NURSE IN OKLAHOMA

The Oklahoma Board of Nursing (OBN) requires mandatory licensure for use of the title "Registered Nurse" and practice of those functions within the scope of practice described in the *Oklahoma Board of Nursing Practice Act and Rules and Regulations.*

To qualify for licensure as a Registered Nurse in the state of Oklahoma, the student must:

a. Successfully complete an approved school of nursing for Registered Nurses as demonstrated by submission of an official transcript.

b. Submit a clean finger-print-based OSBI and FBI criminal background check not more than 90 days old at the time of submission of the application for licensure.

c. Complete and submit an official application for licensure with

appropriate fees.

d. Show proof of citizenship by submitting an Evidence of Status Form. International students must go to the board office with proof of legal residence.

e. Take and pass the NCLEX-RN, CAT licensure examination from the National Council of State Boards of Nursing.

f. Applicants for licensure must be a minimum of 18 years of age.

For additional information, contact:

Oklahoma Board of Nursing
2915 N. Classen Boulevard, Suite 524
Oklahoma City, OK 73106
Phone (405) 926-1800
www.ok.gov/nursing/nclex2.pdf

For licenses in states other than Oklahoma, please contact that state's Board of Nursing. Requirements and fees vary from state to state.

OBTAINING COLLEGIATE OFFICER CERTIFICATION

Certification as a peace or police officer is provided by the Council on Law Enforcement Education and Training. Peace officer mandates for the State of Oklahoma are established in Oklahoma State Statutes Title 70, Section 3331. Students can complete requisite education and training requirements by successful participation in the Collegiate Officer Program provided by the Criminal Justice Law Enforcement program in the Department of Professional Programs in Human Services. To qualify for certification the student must:

a. Complete selected criminal justice courses, a first aid course, and skills training program prior to award of the bachelor's degree.

b. Prior to "Firearms" training, all students shall be administered a Minnesota Multi-Phasic Personality Inventory (MMPI), or a CLEET approved equivalent psychological examination, by a person qualified to administer such examinations. Examinations shall be evaluated by a licensed psychologist at each student's expense.

c. Obtain a minimum score of 70% on a comprehensive examination covering all Collegiate Officer Program courses.

d. Secure employment with a city, county, or state entity of government as a full-time peace officer.

e. COP students must request, at their own expense, a criminal history clearance from the Oklahoma State Bureau of Investigation and a local records check from their county of residence prior to attending skills training courses. Returns on the criminal history and local records check must be presented to the COP director prior to student enrollment in skills training courses. Returns which indicate prior convictions for felony offenses, or convictions for crimes of moral turpitude, will preclude enrollment in skills training class.



Section X
SCHOOL OF
GRADUATE STUDIES
Sarah Peters, Dean

Introduction

Graduate education offers students the opportunity to build upon prior educational achievements to increase knowledge and related skills for career or personal goals. As such, graduate courses assume students possess the commitments and academic skills necessary to approach increased levels of content mastery and application. Correspondingly, faculty will create courses with grading, testing, research and related standards clearly exceeding those reflected in undergraduate education.

East Central University (ECU) offers the following master's degrees, options, certificates, and certifications:

Harland C. Stonecipher School of Business

Master of Science in Accounting
Master of Management in Management

College of Education and Psychology

Master of Education

Options:
- Educational Leadership
- Instructional Design and Technology
- Library Media
- School Counseling
- School Psychometry
- Special Education
- Sports Administration

Post-Master Certification:
- School Superintendent

Master of Science in Psychological Services

Options:
- Counseling Psychology
- School Psychology
- Sport Psychology

Certificates:
- School Psychologist
- School Psychometrist

College of Liberal Arts and Social Sciences

Master of Science in Human Resources

Options:
- Clinical Rehabilitation and Clinical Mental Health Counseling

Master of Arts in Criminal Justice Administration

Master of Science in Water Resource Policy and Management

Official University Communications

The University has established email as an official means of communication and assigns all students a University email account for this purpose. Since communications may be time-critical, students are required to read all University email messages frequently and respond to them as may be necessary.

Some information may be sent by US Postal Service or by campus mail. These means are also considered official communication.

All communications sent via these official means are valid and binding regardless of a student's adherence to this policy.

Graduate Certificates and Certification

Graduate certificates may satisfy some requirements for Licensed Professional Counselor and others. For further information, contact the Dean or Graduate Program Coordinator of the College of Education and Psychology or the Graduate Program Coordinator of the Professional Programs in Human Services Department.

Graduate Faculty and Graduate Committee

The Graduate Committee, representing the Graduate Faculty, recommends the policies of the Graduate Program, and the Dean of the School of Graduate Studies administers these policies. The Dean of the School of Graduate Studies or any other person designated by both the President of the University and the Dean of the School of Graduate Studies serves as chair of the Graduate Faculty. A graduate student who is currently enrolled in a degree program shall serve as a member of the Graduate Committee.

Graduate courses are taught by the graduate faculty appointed on the basis of their academic qualifications. The student's advisor is chosen from the graduate faculty.

Admission to the University

Persons desiring admission to the School of Graduate Studies must first be admitted to the University.

1. Complete an ECU Application for Admission/Readmission; and
2. Submit one (1) official transcript from each undergraduate and graduate institution attended, other than East Central University.

Admission to the School of Graduate Studies

The School of Graduate Studies processes applications for admission to Graduate Studies. Students may be granted unconditional, conditional, provisional, or concurrent admission status. A student seeking admission to a Graduate Degree Program must complete the following steps:

1. Submit all other credentials required for admission to a specific Graduate Degree Program; and
2. Develop a program of study in consultation with an assigned advisor.

Standards for Admission

1. Hold a baccalaureate degree from an accredited college or university.
2. Meet the academic admission requirements for the Graduate Degree Program sought (see individual Graduate Degree Program requirements).

Admission to one graduate degree program/option does not imply admission to any other graduate degree program/option.

Admission Categories

Unconditional Admission

Unconditional admission to a Graduate Degree Program indicates that the applicant has submitted all relevant documents and met all requirements for admission to the University, the School of Graduate Studies, and the specific Graduate Degree Program.

Conditional Admission

Conditional admission to the School of Graduate Studies may be granted to an applicant who has met all academic requirements for unconditional admission, but has not submitted all documentation required by the Graduate Degree Program. Students with conditional admission may register for courses for one semester. Students must submit all program documentation and be admitted to the graduate degree program to enroll in subsequent semesters.

Provisional Admission

Provisional admission to the School of Graduate Studies may be granted to an applicant who does not meet all the requirements for unconditional admission to a Graduate Degree Program. Students must submit all required program documents and be approved by the Graduate Degree Program to be admitted. When a student admitted on a provisional basis successfully completes all program provisions, the student will be moved to unconditional admission status. Students failing to meet one or more program provisions will be suspended.

Concurrent Graduate Study

A senior student who lacks less than a full normal study load and who has completed a minimum of 100 credit hours may be permitted to enroll in courses applicable to a Graduate Degree Program, subject to the following study load provisions:

Fall and Spring Semesters:
1. A maximum of nine (9) undergraduate and six (6) graduate credit hours; or
2. A maximum of twelve (12) undergraduate and three (3) graduate credit hours.

Summer Semester:
1. A maximum of three (3) undergraduate and three (3) graduate credit hours; or
2. A maximum of six (6) graduate credit hours.

No more than six (6) hours in a semester may be applied to a Graduate Degree Program. Graduate credit hours earned may be applied toward either the baccalaureate or graduate degree, but not towards both. Enrollment in graduate courses does not imply admission to the School of Graduate Studies or a graduate degree program. No more than twelve (12) semester hours earned under this policy may be applied to a graduate degree program. Graduate enrollment will be changed to non-graduate if baccalaureate graduation requirements are not met. Students seeking financial aid should meet with their Financial Aid Counselor before enrolling in both graduate and undergraduate courses.

Non-Degree Seeking Student Admission

A student holding a baccalaureate or higher degree from an accredited institution who wishes to enroll in a graduate course(s) for credit, but who is not seeking current admission to the School of Graduate Studies, may enroll as a Non-Degree Seeking Student. Such enroll-

ment does not constitute admission to a graduate degree program. (See item 3 in the Academic Requirements section below for restrictions on applicability of graduate credits earned in this status toward a graduate degree.)

Admission Deadlines

Students admitted to the School of Graduate Studies who have submitted all required Graduate Degree Program documentation by October 1 for spring enrollment, and March 1 for summer and fall enrollment, will be informed of their admission status no later than November 1 and April 1, respectively.

Students submitting documentation after the October 1 and March 1 deadline will have their application processed on a first-come, first-served basis.

Application for Degree

A student must apply for award of a degree according to the deadline specified by the university for the semester in which the degree will be awarded. (Failure to graduate necessitates reapplication.) Application for graduation may be found on Colleague Self-Service.

Conferring Degrees

Students who have fulfilled all graduate degree program requirements for the master's degree are recommended by the Dean of the School of Graduate Studies to the President of the university for the conferring of their degrees. Attendance at commencement is expected.

Academic Requirements

(Applicable to all graduate degree programs)

1. Total Hours

Master of Education:

32 credit hours
- Educational Leadership
- Instructional Design and Technology
- Library Media
- Special Education
- School Psychometry

33 credit hours
- School Counseling
- Sports Administration

Master of Science in Human Resources:

60 credit hours
- Clinical Rehabilitation and Clinical Mental Health Counseling

Master of Arts in Criminal Justice Administration: 30 hours

Master of Science in Accounting: 30 credit hours

Master of Science in Psychological Services: 60 credit hours

Master of Management in Management: 30 credit hours

Master of Science in Water Resource Policy and Management: 30 credit hours

2. Conditional Admission

No more than one semester of credit may be applied to a Graduate Degree Program; time limits apply to these credits.

3. Non-Degree Seeking Admission

No more than twelve (12) credit hours earned as a non-degree seeking student. Exceptions may be made for those students enrolled in the alternative certification programs.

4. Retention

a. Overall GPA

Graduate students must maintain an overall ECU graduate retention grade point average (GPA) of 3.0 or higher to remain academically **in good standing** with the School of Graduate Studies.

b. Course Grades

Graduate students can earn no more than two (2) C's in their graduate degree program to remain academically in good standing with the School of Graduate Studies. Furthermore, students earning a grade of D or F in a course may not count that course toward their graduate degree program requirements. Some programs have more stringent grade requirements.

c. Provisional Admission

When a student admitted on provisional basis meets all of the provisions, the student will be moved to Unconditional Admission. A student failing to meet one or more provisions will be suspended.

d. Academic Probation

1. Any graduate student whose ECU graduate retention GPA is less than 3.0 will be placed on **Academic Probation**. In this status, a minimum graduate retention GPA of 3.0 must be earned each semester or term. When the student's ECU graduate retention GPA reaches 3.0 or higher, the student will be removed from Academic Probation. Failure to earn a 3.0 or higher each semester or term will result in **Suspension** from the graduate degree program.

2. Any graduate student earning a third C or one or more D's or F's will be placed *at a minimum* on **Academic Probation (**In graduate degree programs with more stringent requirements, the student may be **dismissed** from the program). When the student completes the course with an acceptable grade, the student will be removed from Academic Probation.

e. Suspension

A graduate student who has been placed on **Suspension** due to unacceptable grades may petition the Graduate Committee for reinstatement after earning an ECU retention GPA of 3.0 or higher in a minimum of six (6) additional graduate credit hours approved by the student's advisor. Graduate credits taken under suspension may not be eligible for financial aid. Contact the Office of Financial Aid for specific information. A student who has been suspended a second time will be dismissed from the graduate program.

A graduate student whose ECU retention GPA is less than 3.0 at the completion of an approved program may be permitted to register for a maximum of six (6) additional credit hours at ECU in courses approved by the student's advisor and the Graduate Dean. If, after completion of the additional credits, the GPA is still less than 3.0, the student will not be allowed to take additional graduate level work leading toward a graduate degree and will be dismissed from the graduate degree program.

5. Transfer Credit

The School of Graduate Studies may accept the transfer of credit earned at other colleges and universities accredited for master's or higher level study by the Higher Learning Commission or a comparable national accrediting association. No grade lower than B will be accepted. Depending upon the graduate degree program, a maximum of nine (9) hours of graduate credit may be transferred, if appropriate. Because of external requirements, some programs may not accept *any* transfer credit.

All transfer hours must be appropriate to the particular program in which the student is enrolled. The graduate degree program determines if a course is acceptable for transfer. The Dean of the School of Graduate Studies gives final approval for all transfer work. All transfer work must adhere to the time limit for completion of a degree.

6. Seminar and Pass/Fail Credit Limits

Credit earned in seminars must be germane to the student's Graduate Degree Program and approved by the program director in order to

count toward a graduate degree. No more than three (3) hours of course work graded as pass/fail may count toward a graduate degree. Specific programs may have exceptions for practicums and internships.

7. Correspondence Study

Correspondence study does not apply on the master's degree program.

8. Time Limit for Completion of Degree

Graduate credit applied towards a graduate degree must be completed within six (6) years prior to the completion of the degree, exclusive of any time spent in the Armed Forces of the United States of America. Work completed more than six (6) years prior to completion of the degree may not be counted toward the degree but may count toward professional certification.

9. Maximum Study Load

Nine (9) graduate semester hours during a semester and five (5) graduate semester hours during summer term are considered full-time enrollment. Twelve (12) graduate semester hours during a semester and nine (9) graduate semester hours during a summer term are the recommended maximum study load for a graduate student. All exceptions require the approval of the Graduate Dean.

10. Certification Courses

Teachers and other school personnel naming ECU as their parent institution for recertification purposes need to obtain the approval of the Dean of the College of Education and Psychology for the credits they plan to submit for certificate renewal.

11. Second Master's Degree Requirements

Students with a graduate degree from an accredited institution may complete a subsequent graduate degree at East Central University by completing all requirements for that degree. The subsequent graduate degree must include a minimum of twenty-one (21) graduate credit hours not applied toward any other graduate degree. All credit hours accepted from the first graduate degree must be reviewed and approved by the graduate program faculty and the Dean of Graduate Studies. Only courses with a minimum grade of B will be accepted from the first graduate degree. Students may petition for an exception to this policy in certain situations (such as completion of licensure requirements). All exceptions must be reviewed and approved by the graduate program faculty and the Dean of Graduate Studies.

12. Progress Toward Degree

Students who have not successfully completed coursework after one year must reapply to the University and the School of Graduate Studies. Students who have not successfully completed course work for two years must reapply to the graduate degree program.

13. Language Proficiency

International graduate students are required to meet equivalent academic performance standards as listed above. Additionally, first-time graduate students for whom English is a second language shall be required to present evidence of proficiency in the English language prior to admission, either as first-time students to the system or by transfer from another non-system college or university. The State Regents adopted this policy to ensure that students will have a reasonable chance to succeed at a higher education institution based on their ability to comprehend, read, and write the English language.

Students must meet one of the standards described below to demonstrate their competency in English. Institutions may not waive this admission requirement as part of the alternative admissions category within the State Regents' general policy on admission.

First-Time Graduate Students

1. Standardized Testing. Students must meet the minimum score set by the State Regents on either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) Examination.

   Results of the TOEFL taken at international testing centers and special testing centers will be accepted at all State System colleges and universities. Results of the TOEFL administered at institutional testing centers shall not be accepted by colleges and universities other than the administering institution.

Graduate Students with IEP:	
TOEFL Test	**Minimum Score**
Internet-Based	61
Computer-Based	173
Paper-Based	500
IELTS Test	**5.5**

2. Intensive English Program (IEP). Students must meet a minimum score set by the State Regents on the TOEFL administered at a special testing center or an international testing center or on the IELTS Examination. In addition, after achieving the required score and immediately prior to admission, successfully complete a minimum of twelve (12) weeks of study at an IEP approved by the State Regents. At least two-thirds of the twelve (12) weeks must be instruction at an advanced level. A list of State Regents' approved IEPs can be found in the State Regents' Academic Affairs Procedures Handbook.

Graduate Students with Standardized Testing:	
TOEFL Test	**Minimum Score**
Internet-Based	79
Computer-Based	213
Paper-Based	550
IELTS Test	**6.5**

3. Graduate students may satisfy the English language requirement by completing a baccalaureate or graduate degree from a college or university where English is the primary teaching language in a country where English is a primary language and that is recognized by professional organizations in the U.S. involved in admissions and international education.

4. Institutional Discretion. In extraordinary and deserving cases, the president or the president's designee may admit a student in lieu of the above requirements. In these situations, the applicant must have demonstrated proficiency in the English language by some other means prior to admission. Such exceptions must be appropriately documented and reported to the State Regents annually.

14. Grade Appeal Policy

The University believes students should be given the opportunity to meet with instructors and department chairman to resolve issues concerning assigned grades. Student grade appeals are not intended to interfere with the instructor's right to determine the evaluation process and to perform that evaluation. Evaluation of student academic performance is the professional responsibility of instructors. However, in rare situations, students may believe that the final course grade awarded was inconsistent with stated evaluation expectations.

A student appealing a grade must provide written justification that includes clear and convincing evidence that one or more of the following conditions occurred:

1. An error was made in calculating the grade;
2. Standards used to determine the grade were not consistent with university policies; or
3. The Instructor departed substantially from his or her own written standards without notifying students of the change.

A final course grade appeal should be initiated only after the student has discussed the disputed grade with the instructor of the course. Students may contact instructors any time after grades have been submitted to attempt to resolve the issue. Because instructors may not be available outside semester (fall/spring) class days, the formal appeal process will begin after the start of the following semester (fall/spring). If the instructor is available and the student and instructor reach an agreement that includes a grade change, the instructor will complete the Grade Appeal form and submit it to the Office of Admissions and Records.

If an agreement cannot be reached, the student may proceed with the grade appeal procedure. The suggested timeline can be found at the end of this policy. If the contested grade prevents enrollment, the student may request the appeal process be expedited by contacting the department chair. If the chair and instructor are available and in agreement, the department chair may make an exception to the listed deadlines and agree to begin the appeal process before the start of the following semester. Although the process may be completed in fewer days, the sequence and time-frame for each step will be adhered to if needed.

NOTES REGARDING THE APPEALS PROCESS:

1. All communications will be via University email.
2. If the student does not respond to their University email from an ECU administrator by the deadline or attend a scheduled meeting, the appeal process is concluded and the grade remains unchanged.
3. The student must submit the Grade Appeal form.
4. If the instructor is no longer employed by the University, the student should contact the department chair to resolve the issue.
5. If the department chair is also the course instructor, the dean of the College/School assumes the responsibilities of the department chair.
6. The student may bring a support person to any meeting(s)/ hearing(s) regarding the grade appeal, but the support person may not participate.
7. As this is an institutional appeal, no legal counsel may be present.
8. For undergraduate grade appeals, the appropriate office is Academic Affairs. For graduate appeals, the appropriate office is the Graduate School.
9. For undergraduate grade appeals the APPROPRIATE OFFICIAL who reviews the appeal information is the Provost. For graduate grade appeals the APPROPRIATE OFFICIAL who reviews the appeal information is the Graduate Dean.

Procedure

For the Grade Appeal Procedure please refer to page 19 in the catalog.

For more information regarding the Grade Appeal Policy please visit the Grade Appeal page on the ECU website.

MASTER OF EDUCATION DEGREE

General Purpose

The Master of Education degree at East Central University offers educators and other professionals in depth study in several specialization areas. Candidates can choose a new program that prepares them for a job in an education related field such as Educational Leadership, Instruction Design and Technology, Special Education, or Sports Administration. Candidates can choose a Post Masters Certification in School Superintendent. Each program offers courses based on best practices in the field and is designed to provide a research foundation from which candidates make informed decisions. Candidates graduate from these programs as professional, reflective, innovative leaders.

The Master of Education degree programs that lead to new certification areas are accredited by the State of Oklahoma and by the Specialty Program Associations affiliated with The Council for the Accreditation of Education Preparation (CAEP). Each specialty program is designed to teach specific program standards which are addressed throughout the program of study. In addition to the specific program standards, all advanced degrees leading to certification are aligned with the following CAEP standards:

1. ECU will ensure that candidates develop a deep understanding of the critical concepts and principles of their discipline and, by completion, are able to use discipline-specific practices flexible to advance the learning of all students toward attainment of college and career-readiness standards.

2. ECU will ensure that effective partnerships and high-quality clinical practice are central to preparation so that candidates develop the knowledge, skills, and professional dispositions necessary to demonstrate positive impact on all P-12 students' learning and development.

3. ECU will demonstrate the quality of candidates is a continuing and purposeful part of its responsibility from recruitment, at admission, through the progression of courses and clinical experiences, and to decisions that completers are prepared to teach effectively and are recommended for certification.

4. ECU will demonstrate the impact of its completers on P-12 student learning and development, classroom instruction, and schools, and the satisfaction of its completers with the relevance and effectiveness of their preparation.

5. ECU maintains a quality assurance system comprised of valid data from multiple measures, including evidence of candidates' and completers' positive impact on P-12 student learning and development. The provider supports continuous improvement that is sustained and evidence based, and that evaluates the effectiveness of its completers. The provider uses the results of inquiry and data collection to establish priorities, enhance program elements and capacity, and test innovations to improve completers' impact on P-12 student learning and development.

The Master of Education programs at ECU that are related to education but are not restricted to certified teachers are Educational Leadership, Instructional Design and Technology, School Psychometry, Sports Administration, and Special Education. The Educational Leadership program is aligned with the Educational Leadership Constituent Council (ELCC) Standards. The Instructional Design and Technology Program is aligned with the Association for Education Communications and Technology standards (AECT), the Secondary Education-Academic Discipline Program is aligned with specific content standards. The Special Education program is aligned with The Council of Exceptional Children (CEC) standards. The Sports Administration Program is aligned with the National Association for Sport and Physical Education standards (NASPE) and the North American Society for Sport Management (NASSM) standards.

A common structure is shared generally within these degree options, all of which lead to the Master of Education degree. The curriculum for each program, however, is designed around specific standards.

General Regulations for the Program

I. Admission to the Master of Education Degree

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Hold a baccalaureate degree from an accredited institution.
2. Meet one of the following conditions:
   a. Have a minimum cumulative GPA of 2.5 on all undergraduate coursework to date or
   b. Have a minimum GPA of 2.75 in the last sixty (60) hours of coursework or
   c. Have a minimum cumulative GPA of 3.0 on at least nine (9) hours of graduate coursework or
   d. Have a minimum percentile 40% on both verbal and quantitative reasoning score of the GRE or
   e. Have a minimum score of four hundred (400) on the MAT
3. Hold one of the following:
   a. A Standard Teaching Certificate
   b. An Alternative Education acceptance letter (which must be on file)
   c. Written affirmation that the candidate understands the master's degree alone may not, and in many instances will not, lead to state certification until additional state certification requirements have been met. Only specific programs are eligible for this option.
4. Have submitted acceptable program application documents (references, resume, essay questions, etc.)

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA requirement for unconditional admission, but has not submitted all other required documentation and/or completed the GRE (if required). The documentation and satisfactory completion of testing (if required) must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants meeting the GPA or testing requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the university is granted. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load, has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in graduate courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

Admission Process

The applicant must:

1. Complete an East Central University Application for Admission/Readmission.
2. Submit the Department of Education admissions forms
   a. Provide transcripts of all work completed (baccalaureate and graduate);
   b. Provide academic and professional information;
   c. Provide name, mailing address, and e-mail of two (2) references;
   d. Submit a teaching or alternative teaching certificate OR a non-teaching verification form; and
   e. Provide responses to the writing exam.
3. Take the GRE, **if applicable**.

II. Credit Requirements

The Master of Education degree program requires completion of thirty (30) to thirty-six (36) semester hours of applicable work above the baccalaureate degree. Courses which may apply to the MEd program are those 5000 level courses and appropriate graduate level courses transferred from accredited institutions.

III. Planning the Program

Each student will be assigned a faculty graduate advisor upon entering the program and will be expected to work closely with the advisor to design the plan of study throughout the student's program.

IV. Thesis/Portfolio/Capstone

A thesis, portfolio, or capstone project is required in the Master of Education program at East Central University.

Students selecting a portfolio option should contact their graduate advisor. Students selecting a thesis option should file an application for thesis study, along with a statement of recommendation from the student's graduate advisor, with the Dean of the College of Education and Psychology.

Once the student's application for thesis study has been approved by the specific degree program, a three-member thesis committee will be appointed. The manuscript style will be that prescribed by the thesis committee. The thesis committee shall be responsible for the final approval of the thesis.

V. Transfer Work

A maximum of nine (9) semester hours of graduate credit transferred from other colleges or universities may apply, if appropriate, to the program. The courses must be applicable to the student's Program of Study. Only grades of B or above may be considered for transfer.

VI. Grade Regulations

The grades of A, B, C, D, P, F, I, N, W, AW, and WF may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have the following grade point values per semester hour: A-4, B-3, C-2, D-1, F-0, and WF-0. Grade marks of "P" and "W" are disregarded with respect to grade points and hours attempted in computing grade average.

An incomplete grade may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

No more than six (6) semester hours of "C" grade may be counted in the master's degree, and the grade average for all graduate courses taken on the degree program must be B (3.0) or above. A grade of B or better must be made in EDUC 5113 Techniques of Research. Credit with grades of D will not satisfy specific degree requirements. Only grades of "P" or F will be assigned to workshops.

A student may repeat a course if approved by the advisor. Only the last grade is counted with reference to graduation requirements. No additional credit is allowed for a repeated course.

An incomplete grade may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

No more than six (6) semester hours of "C" grade may be counted in the master's degree, and the grade average for all graduate courses taken on the degree program must be B (3.0) or above. A grade of B or better must be made in EDUC 5113 Techniques of Research. Credit with grades of D will not satisfy specific degree requirements. Only grades of "P" or F will be assigned to workshops.

A student may repeat a course if approved by the advisor. Only the last grade is counted with reference to graduation requirements. No additional credit is allowed for a repeated course.

Degree Options

Students pursuing the Master of Education degree must select one of the following degree options. Such selection shall be made at the time of admission to the graduate program since a change of option may result in the students having completed inapplicable work.

Educational Leadership
0980

The graduate program option for Educational Leadership is designed for the graduate student specializing in administration for grades K-12. Special attention is given to the knowledge, skills and dispositions necessary to become an effective school principal.

I. Research, Measurement, and Statistics (3 hours)

EDUC 5113 Techniques of Research

II. Specialization - School Principal (14 hours)

EDUC 5533 Fundamentals of Public School Admin
EDUC 5573 Public School Finance
EDUC 5583 Legal Aspects of Education
EDUC 5623 The Principalship
EDUC 5832 Practicum and Portfolio in Public School Admin

III. Curriculum and Instruction (6 hours)

EDUC 5173 Fundamentals of Curriculum **OR**
EDUC 5853 Advanced Strategies for Effective Teaching
EDUC 5513 Supervision of Instruction

IV. Special Phases of Administration (6 hours)

EDUC 5413 Introduction to Counseling
EDUC 5943 Educational Technology Leadership

V. Supportive Area (3 hours)

One of the following:
EDUC 5013 Adv Educational Technology Strategies
EDUC 5023 Educational Aspects of Exceptional Child
EDUC 5133 Modern Philosophies of Education
EDUC 5183 Contemporary Issues in Education
EDUC 5843 Advanced Classroom Management
PSYCH 5313 Advanced Educational Psych
PSYCH 5323 Classroom Behavior Modification

Students should check with the certification officer at East Central University to confirm no changes have been made in state requirements.

Instructional Design & Technology
1040

The Master of Education in Instructional Design & Technology is intended for the individual who desires to develop advanced knowledge and skills in the integration of technology to effectively support teaching and learning. This program offers a specific emphasis on designing, implementing, and evaluating 21st Century digital learning environments.

I. Program Core (12 hours)

All of the following (EDUC 5113 should be taken prior to enrollment in EDUC 5702 Educational Technology Capstone or EDUC 5691-2 Thesis):

EDUC 5113 Techniques of Research
EDUC 5133 Modern Philosophies of Education
EDUC 5183 Contemporary Issues in Education
EDUC 5363 Principles of Instructional Design

II. Specialization (18 hours)

EDUC 5003 Multimedia Technology
EDUC 5013 Advanced Educational Technology Strategies
EDUC 5603 Survey of Intellectual Property
EDUC 5933 Survey of Emerging technologies
EDUC 5943 Educational Technology Leadership
PSYCH 5313 Advanced Educational Psychology

III. Capstone/Thesis (2 hours)

Students will choose EITHER the Capstone or Thesis option. If the capstone option is selected, EDUC 5702 Educational Technology Capstone must be taken in the final semester. If the Thesis option is selected, EDUC 5691-3 Thesis should be taken during the last two semesters of the program. A minimum of two hours of Thesis must be completed.

Capstone option:
EDUC 5702 Educational Technology Capstone
OR

Thesis option:
EDUC 5691-3 Thesis (course may be repeated)
A maximum of two hours of thesis may be counted toward the degree.

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Library Media
0900

The Master's of Library Media is designed for graduate students planning to become a School Library Media Specialist in grades PreK-12th in public or private educational settings. The intent of the program is to prepare competent, certified School Library Media Specialists in accordance with state and national professional standards and guidelines. All areas of school librarianship, including technology, are emphasized. Special attention is given to the development of the student as a consumer of research along with a major emphasis on the knowledge, skills and attitudes that are necessary to become a School Library Media Specialist.

I. Program Prerequisite or Co-requisite:

Prerequisite**:**

EDLBS 4913 Children's Lit or approved equivalent **OR**

Co-requisite:

EDLBS 5913 Advanced Children's Literature

II. Research, Management, and Statistics (3 hours)

The following (should be taken in the first 8 hours of graduate study):

EDUC 5113 Techniques of Research

III. Program Core (18 hours)

LIBSC 5113 School Library Administration I
LIBSC 5133 Materials Selection
LIBSC 5213 Cataloging and Classification
LIBSC 5233 Information Resources
LIBSC 5923 Young Adult Literature
LIBSC 5973 Curriculum and the School Library

IV. Specialization (6 hours)

EDLBS 5333 Administration and Use of Instructional Media
EDUC 5003 Multimedia Technology
EDUC 5363 Principles of Instructional Design
EDUC 5933 Survey of Emerging Technologies
LIBSC 5353 Literacy in the School Library

V. Practicum and Capstone (2 hours)

LIBSC 5952 Practicum and Capstone in Library Media

(This course requires departmental approval and should be taken in the final semester.)

VI. Electives (3 HOURS or enough to complete 32 hours for program)

EDLBS 5913 Advanced Children's Literature
EDUC 5233 Survey of Teaching Reading
EDUC 5603 Survey of Intellectual Property
LIBSC 5981-4 Seminar in Library Science
(Subject named in title listing)

School Counseling
0843

The graduate program option for the school counselor is designed for the graduate student specializing in counseling at the elementary or secondary level and leads to the Master of Education Degree. Special attention is given to the development of the student as a consumer of research along with a major emphasis on the knowledge, skills, and attitudes that are necessary to become a school counselor.

I. Research (3 hours)

The following (should be taken in the first 8 hours of graduate study):

EDUC 5113 Techniques of Research

II. Professional Ethics and Orientation (3 hours)

EDUC 5413 Introduction to Counseling
(Should be taken during the first semester)

III. Foundations of School Counseling (9 hours)

EDPSY 5163 Cognitive Beh Theories & Meth of Coun & Psychotherapy
EDPSY 5353 Standardized Group Tests
PSYCH 5113 Theories of Personality & Human Behav **OR**
PSYCH 5473 Adv Psych of Childhood & Adolescence

IV. Specialization (12 hours)

EDPSY 5363 Career Development
EDPSY 5433 Affective Theories & Tech of Coun & Psychotherapy
EDUC 5453 Developmental Guidance
H/P/E 5443 Advanced Group Counseling

V. Practicum and Intervention Strategies (6 hours)

EDUC 5483 Counseling Intervention Strategies
EDUC 5493 Practicum and Capstone in School Couns
(These two courses should be completed concurrently at the end of the program curriculum.)

School Psychometry
1060

This degree focuses on the applied knowledge needed in the development and use of educational and testing skills for student assessment. The curriculum is designed to address the educational and psychological concerns associated with educational assessment of students with routine and special needs in the classroom.

I. Psychological Foundations (12 hours)
EDPSY 5353 Standardized Group Tests
EDUC 5023 Educational Aspects of Exceptional Children
PSYCH 5063 Advanced Physiological Psychology
PSYCH 5173 Prof Orientation and Ethics in Clinical Psych

II. School Psychometry Specialization (18 hours)
EDPSY 5143 Introduction to School Psych Services
EDPSY 5403 Non-Traditional Assessment
PSYCH 5313 Advanced Educational Psych
PSYCH 5403 Intellectual Assessment
PSYCH 5433 Diagnostic Assessment
PSYCH 5473 Adv Psych of Childhood & Adolescence

III. Field Experiences (3 hours)
EDPSY 5693 Practicum in School Psychometry

Special Education
0850

The graduate program option for the special education teacher is designed for the graduate student specializing in teaching students with mild/moderate disabilities in PreK-12th grade. This option leads to a Master of Education Degree. Special attention is given to the development, learning assessment, and collaboration in working with students with mild/moderated disabilities. This is an online program.

I. Research (3 hours)

The following (should be taken in the first 8 hours of graduate study):
EDUC 5113 Techniques of Research

II. Specialization (27 hours)
EDUC 5023 Educ Aspects of Exceptional Child
EDUC 5093 Identif of & Strat for Stu w/ Beh Disorders
EDUC 5103 Students with Mild & Moderate Disorders
EDUC 5163 Adv Meth for Mild and Moderate Disorders
EDUC 5233 Survey of Teaching Reading
EDUC 5333 Legal Aspects of Special Educ
EDUC 5353 Adv Assessment and Program Dev
EDUC 5743 Collaborative Learning Communities in Special Ed
EDUC 5753 Differentiated Instruction in Special Educ

III. Practicum (2 hours)
EDUC 5762 Practicum & Portfolio in Special Educ

IV. Approved Electives

Students having equivalent courses as undergraduates should replace courses with electives approved by the advisor.

Sports Administration
1050

The Master of Education in Sports Administration specialization is designed to prepare the professional educator for positions as Head Coach, Athletic Director, or other administrative positions responsible for directing athletic programs. The program is based on specialized courses in athletic administration.

I. Required Courses (33 hours)

EDUC	5113 Techniques of Research
EDUC	5133 Modern Philosophies of Education
KIN	5303 Sports Administration
KIN	5313 Sport Facility Management
KIN	5323 Legal Aspects of Sport
KIN	5353 Ethics in Sports Administration
KIN	5413 Principles of Sport Finance
KIN	5423 Marketing & Event Management
KIN	5513 Leadership and Personnel Management
KIN	5613 Practicum in Sports Administration
PSYKN	5523 Sports in American Society

Post Master Certification Program

School Superintendent - 0875

Standard Certificate:

Applicant must hold and maintain a valid Standard Teaching Certificate in Early Childhood, Elementary, Elementary/Secondary, Secondary, Vocational-Technical, Library Medial Specialist, or Speech-Language Pathology. Applicant must hold a Master's Degree and certification as a school principal or meet alternative certification requirements for school principal certification. Applicant must have had two (2) years of successful teaching experience in public or private schools accredited the Oklahoma State Board of Education and two (2) years administrative experience in public or private schools accredited by the State Board of Education. Applicant shall pass the Oklahoma Certification Test for School Superintendent prior to being issued a certificate.

Alternative certification candidates must hold a standard master's degree, have two (2) years of relevant work experience in a supervisory or administrative capacity, receive a passing score on the subject area competency exam, and, submit a plan to the Director of Teacher Education at ECU for completing an alternative certification program within three (3) years. Candidates seeking certification through this route should contact the Director of Teacher Education for more information and specific program and course requirements. An alternative certificate for superintendent of schools shall not exceed three (3) years and shall not be renewable.

Curriculum

Standard Certificate

A. Required Courses (16 hours)

EDUC	5062	Administration Practicum I
EDUC	5072	Administration Practicum II
EDUC	5523	School Plant Management
EDUC	5723	Advanced Legal Aspects of Education
EDUC	5773	Politics and Governance of American Educ
EDUC	5793	The Superintendency

Alternative Certification

Additional information about alternative certification is available on the School of Graduate Studies home page.

MASTER OF SCIENCE IN ACCOUNTING DEGREE

General Purpose and Objectives

The Master of Science in Accounting is designed to prepare students to move into authority positions in manufacturing companies, governmental units, not-for-profit entities, public accounting firms, and other professional or service organizations. The unique combination of human skills, knowledge, and technology imbedded in the curriculum will prepare graduates for these opportunities. Specifically, students should leave the program knowing how to anticipate and meet the changing needs of their customers; utilize and leverage technology in ways that add value to these customers; interpret and provide a broader context to financial and non-financial information; link data, knowledge, and insight together to provide quality advice for strategic decision-making; and, give and exchange information within a meaningful context and with the appropriate delivery and interpersonal skills.

The Program curriculum has been specifically designed to provide an educational experience which will prepare students to successfully complete all portions of the Certified Public Accountant (CPA) exam, while earning an advanced degree. The Program will also qualify graduates to sit for the Certified Management Accountant (CMA) or Certified Internal Auditor (CIA) exams. The MSA Program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

General Regulations for the Program

I. Admission to the Master of Science in Accounting Degree

Applicants will be evaluated on academic ability, as evidenced by a strong undergraduate record, performance on the Graduate Management Admission Test (GMAT), maturity, motivation, leadership, and communication skills.

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Have a bachelor's degree from an accredited four-year institution;
2. Have successfully completed the undergraduate pre-requisites;
3. Meet one of the following conditions:
   a. Have a minimum GPA of 3.25 on all undergraduate coursework to date with no work experience;
   b. Have a minimum cumulative GPA of 3.0 on all undergraduate work with five years work experience.
   c. Have a minimum cumulative GPA of 3.0 on at least 9 hours of graduate coursework;
   d. Have a minimum score of 450 on the GMAT.
4. Non-native English speaking students must have a minimum 79 Internet-based, 213 computer-based, or 550 paper-based TOEFL score or a minimum 6.5 IELTS score.
5. Have acceptable program application documents (references, resume, essay questions, etc.)

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA and TOEFL/IELTS requirements for unconditional admission, but has not submitted all other required documentation and/or completed the GMAT (if required). The documentation and satisfactory completion of the GMAT (if required) must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA or GMAT requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the university. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Students who meet the GPA requirements, but have not completed some or all of the undergraduate prerequisites, should meet with their advisor to complete a degree plan. All undergraduate pre-requisites must be completed with a B or better.

Concurrent Admission

A senior student who lacks less than a full normal study load, has completed a minimum of one hundred (100) credit hours, meets the GPA requirements, and has successfully completed ACCT 2103 and ACCT 2203 may be permitted to enroll in graduate courses, subject to the study load provisions and semester hour provisions of the school of Graduate Studies.

Admission Process

The applicant must:

1. Complete an East Central University Application for Admission/Readmission.
2. Submit the Department of Accounting Admissions forms
   a. Provide transcripts of all work completed (baccalaureate and graduate).
   b. Provide name, mailing address, and e-mail of two references.
   c. Submit resume.
   d. Provide responses to the posed questions.
3. Take the GMAT if applicable.

II. Credit Requirements

The program leading to the Master of Science degree in Accounting requires completion of at least thirty hours of applicable work above the bachelor's degree. Courses which may apply on the master's degree program are those 5000 level courses and appropriate graduate level courses transferred from accredited institutions.

III. Planning the Program

The students study program leading to the master's degree is developed in consultation with his or her faculty advisor and is carefully related to the student's individual needs. Needs are identified through consideration of undergraduate preparation and immediate and prospective career goals.

IV. Thesis

No thesis is required in the Master of Science in Accounting degree program

V. Transfer Work

A maximum of nine (9) semester hours of graduate credit earned at other accredited colleges or universities may be accepted as partial fulfillment of the requirements for the master's degree in accounting. No more than three (3) of these hours can be accounting courses. The transfer of all graduate hours must receive prior approval of the Harland C. Stonecipher School of Business Graduate Committee. To be applicable, the graduate credit must meet the following three requirements:

1. The college or university at which the credit was obtained must offer a graduate degree in Business;
2. The content of the course involved must be consistent with the career goals of the student as determined by the student's advisor; and
3. The student must have received an "A" or "B" (or the equivalent) in the course involved.

The student who plans to transfer credit is responsible for assembling sufficient supporting material to allow the department chair and graduate dean to make an adequate evaluation of the transfer credit request.

VI. Grade Regulations

The grades of A, B, C, D, P, F, N, W, AW, WF and I may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have grade point values per semester hour as follows: A-4, B-3, C-2, D-1, F-0, and WF-0. Grade marks of "P" and "W" are disregarded with respect to grade points and hours attempted in computing grade average.

An incomplete grade ("I") may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required coursework for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

Students can earn no more than two (2) Cs in graduate courses and must maintain an overall minimum graduate GPA of 3.0 to remain academically in good standing with the School of Graduate Studies. Students earning more than two (2) Cs or a grade of D or F in a course may not count that course toward their graduate degree requirements. See the School of Graduate Studies Academic Probation and Suspension sections in this catalog for more information.

VII. Ethics and Professional Standards

The student admitted to the Master of Science in Accounting program needs to familiarize himself or herself with and act in accordance with the ethical standards required by the American Institute of Certified Public Accountants (AICPA) Code of Professional Conduct. Any behavior on the part of the student which may conflict with the standards in the above document will be reviewed by a committee from the Harland C. Stonecipher School of Business faculty consisting of the advisor, an accounting faculty member chosen by the chair, and a Harland C. Stonecipher School of Business faculty member chosen by the student. The committee will have the authority to take any of the following actions: exonerate the student, notify the student and plan appropriate ameliorative action, notify appropriate boards and law enforcement agencies, or dismiss the student from the program.

Accounting - 0970

I. Background Courses (Undergraduate Prerequisites)

The purpose of background courses is to provide a strong base of knowledge for advanced business and accounting studies. Background courses may be waived for students who have successfully completed and achieved a grade of "C" or higher on previous course work addressing a specified content area. Background courses cannot be used to fulfill the 30 hours of MSA graduate courses. The equivalent undergraduate courses may be taken at any accredited four-year institution. Applicants who must satisfy background course requirements may be admitted as non-degree seeking students to take undergraduate courses. The background course requirement is composed of the following courses:

ACCT	3203	Cost Accounting I
ACCT	3303	Intermediate Accounting I
ACCT	3383	Federal Income Tax Accounting
ACCT	3403	Intermediate Accounting II
ACCT	4503	Auditing
BSEC	2603	Business and Economic Statistics
BUSLW	3213	The Legal Environment of Business
ECON	2013	Principles of Microeconomics
FIN	3113	Financial Management
MIS	3433	Management Information Systems

Graduate Courses

In addition to satisfying the background course requirements, all MSA students must complete 30 hours of graduate courses. Some latitude is allowed in selecting courses. However, students must satisfy all prerequisites of a graduate course before enrolling. The Internship in Accounting can be taken for 3 hours credit only after successful completion of at least 12 semester hours of graduate courses. A recap of the suggested degree requirements for the MSA follows.

II. Accounting (15-18 Hours total):

All of the following: 15

ACCT	5073	Advanced Auditing
ACCT	5103	Financial Statement Analysis
ACCT	5203	Advanced Tax
ACCT	5123	Tax Compliance and Planning
ACCT	5403	CPA Prep

Three to six hours from the following: 3-6

ACCT	5023	Development of Accounting Theory
ACCT	5043	Special Topics in Accounting (Subject named in title listing) (May be repeated for credit when topics vary)
ACCT	5303	Forensic Acct and Fraud Examination
ACCT	5953	Internship in Accounting
ACCT	5981-4	Seminar in Accounting (Subject named in title listing) (May be repeated for credit when topics vary)
ACCT	5991-4	Individual Study in Accounting (Subject named in title listing)

III. Non-Accounting Courses (12-15 Hours)

Up to fifteen hours from the following:

BSEC	5203	Quantitative Methods for Accounting
BUS	5123	Organizational Leadership
BUS	5981-4	Seminar in Business (subject named in title listing)
BUS	5991-4	Individual Study in Business (subject named in title listing)
BUSLW	5133	Contemporary Legal Issues
BUSLW	5203	Advanced Employment and Labor Law
ECON	5143	Applied Economics
MKTG	5173	Marketing Analysis

MASTER OF MANAGEMENT IN MANAGEMENT

General Purpose and Objectives

The Master in Management (MiM) degree targets students whose first degree is outside a business field or who have a degree in a business field, but would like to enhance their knowledge of business. The program is designed primarily for individuals in one of the following three groups:

1. Students who have just completed a nonbusiness undergraduate degree whose first job prospects would be enhanced with the completion of a graduate degree in management.
2. Full-time employees with a nonbusiness undergraduate degree who are entering or hope to soon enter a management position.
3. Full-time employees who have a business degree but find themselves underemployed or who have not been employed in a management position.

The MiM Program's curriculum is designed to meet the following goals:

1. Provide an innovative, high-level, focused program in response to employer needs for managerial level employees with a sound knowledge of business theory and practices.
2. Improve student opportunities to either gain employment or increase their chance of a level promotion at their current employer by offering a degree that is suitable for current and potential lower-level managers whose first degree was not in a business field.
3. Provide a unique program for students who are seeking to complement their nonbusiness bachelor's degree with a management graduate degree that can be completed in twelve (12) months.

As a new program, the MiM Program has not applied for Accreditation Council for Business Schools and Programs (ACBSP) accreditation at this point in time.

General Regulations for the Program

I. Admission to the Master in Management Program

Applicants will be evaluated on academic ability as evidenced by undergraduate record, the ability to display the aptitude, scholarship, and analytical skills necessary to successfully complete the program, and performance on the Graduate Record Examination (GRE), if required.

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Have a baccalaureate degree from an accredited institution.
2. Meet one of the following conditions:
   a. Have a minimum cumulative GPA of 3.0 on all undergraduate coursework to date or
   b. Have a minimum cumulative GPA of 3.25 in the last sixty (60) hours of coursework.
   c. Have a minimum cumulative GPA of 3.0 on at least nine (9) hours of graduate coursework.
3. Have a minimum combined verbal and quantitative reasoning score of 300, with a minimum of 150 on the verbal reasoning section of the GRE.

   *If the cumulative GPA is 3.25 on all undergraduate coursework the GRE requirement may be waived.
4. Non-native English speaking students must have a minimum of 79 Internet-based, 213 computer-based, or 550 paper-based TOEFL score or a minimum 6.5 IELTS score.
5. Have acceptable program application documents (references, resume, essay questions, etc.)

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA and TOEFL/IELTS requirements for unconditional admission, but has not submitted all other required documentation and/or completed the testing (if required). The acceptable program documentation and satisfactory completion of the GRE (if required) must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA or GRE requirements for unconditional admission may be considered for provisional admission by the program. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load and who has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in MiM courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

Admission Process

The applicant must complete the following steps:

1. Complete the ECU Application for Admission/Readmission process;
2. Complete the following MiM admission requirements:
   a. Provide transcripts of all work completed (baccalaureate and graduate);
   b. Provide name, mailing address, and email address of two professional references;
   c. Submit an up-to-date resume;
   d. Provide responses to posed questions; and
   e. Submit GRE scores (if required).

II. Credit Requirements

The MiM program requires completion of thirty (30) hours of applicable work above the bachelor's degree. Courses which may apply to the MiM program are those 5000 level courses and appropriate graduate level courses transferred from accredited institutions.

III. Planning the Program

The student's study program leading to the MiM degree is developed in consultation with his/her faculty advisor and is carefully related to the student's individual needs. Needs are identified through consideration of undergraduate preparation and immediate and prospective career goals.

IV. Thesis

No thesis is required in the MiM program.

V. Transfer Work

A maximum of nine (9) semester hours of graduate credit earned

at other colleges or universities may be accepted as partial fulfillment of the requirements for the MiM. The transfer of all graduate hours must receive prior approval of the Harland C. Stonecipher School of Business MiM advisor. To be eligible for transfer, the graduate credit must meet the following three requirements:

1. The college or university at which the credit was obtained must offer a graduate degree in business;
2. The content of the course involved must be consistent with the program goals of the MiM program; and
3. The student must have received an A or B (or the equivalent) in the course involved.

The student who plans to transfer credit is responsible for assembling sufficient supporting material to allow the MiM adviser and graduate dean to make an adequate evaluation of the transfer credit request.

VI. Grade Regulations

The grades of A, B, C, D, P, F, N, W, AW, WF, and I may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the grade mark "WF" indicates withdrawn while failing; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have grade point values per semester hour as follows: A–4, B–3, C–2, D–1, F–0, and WF–0. Grade marks of "P" and "W" are disregarded with respect to grade points and hours attempted in computing grade averages.

An incomplete grade ("I") may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required coursework for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

Students can earn no more than two (2) Cs in graduate courses and must maintain an overall minimum graduate GPA of 3.0 to remain academically in good standing with the School of Graduate Studies. Students earning more than two (2) Cs or a grade of D or F in a course may not count that course toward their graduate degree requirements. See the School of Graduate Studies Academic Probation and Suspension sections in this catalog for more information.

MANAGEMENT - 1020

I. Required Courses **24 hours**

ACCT	5113	Accounting for Managers
BUSLW	5203	Advanced Employment and Labor Law
ECON	5103	Economics for Managers
FIN	5103	Finance for Managers
MGMT	5203	Foundations of Management
MGMT	5503	Leadership & Organizational Behavior
MGMT	5703	Strategic Management
MKTG	5103	Marketing Management

II. Elective Courses **6 hours**

MGMT	5043	Special Topics in Management
MGMT	5103	Introduction to Graduate Business Studies
MGMT	5603	Managing in the Global Economy
MGMT	5953	Internship in Management
MGMT	5981-4	Seminar in Management
MGMT	5991-4	Individual Study in Management

Total **30 hours**

MASTER OF SCIENCE IN HUMAN RESOURCES DEGREE

General Purpose and Objectives

The Masters Degree in Human Resources is designed to provide the student with the theory, knowledge, and skills necessary for employment in a variety of public and private settings. The degree offers options in clinical rehabilitation and clinical mental health counseling, criminal justice, and administration.

The program objectives are as follows:

1. To contribute to the career development of persons currently employed in both the public and private sector.
2. To prepare pre-service professionals to enter the fields of rehabilitation and mental health counseling, administration, rehabilitation counseling and criminal justice.
3. To provide practicum and internship experiences common to the students' career choice.
4. To develop the interpersonal, consultation, and coordination skills required for program development, management, and evaluation.
5. To provide specific specialized experiences related to the students' present or desired career objective.

General Regulations for the Program

I. Admission to the Master of Science in Human Resources Degree

The MSHR Program seeks mature, emotionally stable individuals with a strong sense of personal responsibility and integrity. With this in mind, applicants are assessed by the program's Graduate Admission Committee through an evaluation and weighing of all admission materials (e.g., admissions statement, interview, work experiences, recommendation forms, test scores). In addition to academic performance, measured primarily by grade point average, the Admissions Committee considers other factors that contribute to the development of a professional. Formal work experience in the human services, particularly in settings that serve public social services clients, is important. Other factors considered include: volunteer experience in the human services, life experiences and opportunities for personal growth, leadership, communication and interpersonal relationship skills, problem solving ability, the ability to work with and respect persons from diverse backgrounds, health and stamina, and motivation for graduate work and a career in administration, counseling or criminal justice.

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Have a baccalaureate degree from an accredited institution.
2. Meet one of the following conditions:
   a. Have a minimum cumulative GPA of 3.0 on all undergraduate coursework to date or
   b. Have a minimum cumulative GPA of 3.0 in the last sixty (60) hours of coursework.
3. Have acceptable program application documents (references, resume, essay questions, etc.).
4. Submit scores for the Miller Analogies Test (MAT) or the Graduate Record Exam (GRE). The score must be on file before the student will be admitted.

5. Complete an interview with the MSHR Graduate Admission Committee with a majority favorable recommendation (for the MSHR - Clinical Rehabilitation and Clinical Mental Health Counseling option only).

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA requirement for unconditional admission, but has not submitted all other required documentation. The documentation, satisfactory completion of testing (if required), and successful completion of the interview (for Clinical Rehabilitation and Clinical Mental Health Counseling option only), must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA or testing requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the university. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load and who has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in graduate courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

Admission Procedure

Human Resources Degree Process:

1. Be admitted to the School of Graduate Studies.
2. Submit the Professional Programs in Human Services Department Admission forms through MyECU:
   a. Provide transcripts of all work completed (baccalaureate and graduate)
   b. Submit an OSBI background check.
   c. Submit a resume to include all educational and work history. Degree options may have additional requirements.
   d. Provide name and address of three professional/work related references.
   e. Complete the four (4) essay questions.
3. Schedule an interview with the MSHR Admissions Committee. Required for Clinical Rehabilitation and Clinical Mental Health Counseling applications ONLY. (see Department Chair or program Coordinator). *

   Fall deadline - March 1
   Spring deadline - October 1
   Summer deadline - March 1

*Interviews may only be scheduled after all program documents have been submitted. Interviews will be conducted the week after spring break (for fall and summer admission) and the week after fall break (for spring admission). Applicants will be informed of admission decisions via letter from the Department Chair once an admission decision has been made.

Denial of Admission

1. A denied applicant, who wishes to appeal the denial, must first request a second review by the Department of Professional Programs in Human Services Graduate Admission Committee (GAC). Requests for review, including any additional materials the applicant desires to submit, must be received in writing within thirty (30) days of the applicant receiving notice of denial. The GAC will complete a comprehensive review of the student's credentials, specifically any additional material the applicant submits, and will render a decision in writing to the applicant within ten (10) business days following the review meeting of the GAC.

2. If an applicant is denied admission by the GAC, the applicant may appeal the GAC's decision to the Chair of the Department of Professional Programs in Human Services. The applicant's appeal

must be in writing, must set forth with specificity the grounds for the appeal, and must be directed and delivered to the Chair of the Department of Professional Programs in Human Services. Upon receipt of the appeal, the Department Chair will review the applicant's file and appeal letter. The Department Chair will communicate his or her decision to the applicant-appellant, in writing, within thirty (30) calendar days of receipt of the appeal.

II. Credit Requirements

The Master of Science in Human Resources degree program requires completion of at least thirty-three (33) hours (sixty hours (60) in the Clinical Rehabilitation and Clinical Mental Health Counseling option) of applicable work above the bachelor's degree. Courses which may apply on the master's degree program are those courses approved for graduate study at East Central University, and appropriate graduate courses transferred from accredited institutions.

The Master of Science in Human Resources has sixty hours (60) of applicable work. This option does not allow transfer hours.

III. Planning the Program

The student's study program leading to the master's degree is developed in consultation with his or her faculty advisor and is carefully related to the student's individual needs. Needs are identified through consideration of undergraduate preparation and immediate and prospective career goals.

IV. Thesis

No thesis is required in the Master of Science in Human Resources degree program.

V. Transfer Work

A maximum of nine (9) semester hours of graduate credit transferred from other accredited colleges or universities may apply, if appropriate, to the program. Only grades of "B" or above may be considered for transfer. Because the Clinical Rehabilitation and Clinical Mental Health Counseling Program is accredited by CACREP, application of transfer credit from other universities will not be accepted unless the coursework was from an equivalent CACREP counseling program. The student who plans to transfer credit is responsible for assembling sufficient supporting material to allow the department chair and graduate dean to make an adequate evaluation of the transfer credit request.

VI. Grade Regulations

The grades of A, B, C, D, P, F, N, W, AW, WF, and I may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have grade point values per semester hour as follows: A - 4, B - 3, C - 2, D - 1, F - 0, and WF - 0. Grade marks of "P" and "W" are disregarded with respect to grade points and hours attempted in computing grade average.

An incomplete grade may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

No more than six (6) semester hours of C grade may be counted in the plan of study for the Masters degree in Human Resources, and the grade point average for all graduate courses taken on the degree program must be 3.0 or above. Departmental courses in which a passing grade is made may not be repeated. Courses in which a lower grade is made may be repeated only with advisor and/or departmental approval. The last grade is counted with reference to graduation requirements. No additional credit is allowed for a repeated course. Students accumulating more than six (6) semester hours of C or lower in courses will have their admission to the program reviewed. Credit with grades of D will not satisfy specific degree requirements. After appropriate review and discussion with the student, the Department may recommend to the Graduate Dean the termination of student's admission to the degree program, place the student on departmental probation with stated criteria for reinstatement, and/or recommend remedial action which the student must complete in order to return to good standing. The student will be notified in writing by the Graduate Dean of the above actions.

VIII. Practicum/Internship

The student must complete an application form for practicum/internship placement at least five weeks before the semester in which the practicum begins. The Practicum/Internship Coordinator will determine the type and appropriateness of supervision for each placement.

IX. Degree Options

A student pursuing the Master of Science in Human Resources degree (Clinical Rehabilitation and Clinical Mental Health Counseling, Criminal Justice, or Administration) must select one (1) of the following degree options. Such selection shall be made at the time of admission to the graduate program since a change of option may result in the student having completed inapplicable work. A student desiring to change their degree option after admission to a degree program must initiate that change with the School of Graduate Studies. Students who wish to change their degree option to Clinical Rehabilitation and Clinical Mental Health Counseling must submit an updated program application with current background check to the program coordinator and complete an interview with the MSHR admission committee to determine if an offer of admission may be made.

X. Ethics and Professional Standards

The student admitted to the Master of Science in Human Resources Clinical Rehabilitation and Clinical Mental Health Counseling program needs to familiarize himself or herself with and act in accordance with the ethical standards required by the following boards, committees, or professional organizations.

1. American Counseling Association
2. Oklahoma State Board of Behavioral Health
3. Commission on Rehabilitation Counselor Certification
4. National Board for Certified Counselors

Any behavior on the part of a student which may conflict with the above professional standards will be reviewed by a committee from the MSHR Student Review Committee. The student may be present at the committee meeting. The committee will have the authority to take any of the following actions, or any other appropriate actions: exonerate the student, notify the student and plan appropriate ameliorative action, notify appropriate boards and law enforcement agencies, drop the student from the program.

Clinical Rehabilitation and Clinical Mental Health Counseling Option - 0894

This option prepares rehabilitation and counseling professionals for employment in a variety of public and private settings. This training program affords students opportunities to gain the knowledge necessary to become highly-skilled professional counselors meeting the demands of clinical rehabilitation and clinical mental health counseling. Students completing the program will satisfy the educational and clinical training requirements to be eligible for certification (Certified Rehabilitation Counselor – CRC) and licensure (Licensed Professional Counselor—LPC). An applicant for admission to the program must show evidence of professional potential. This option is fully accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) and the Council on Rehabilitation Education (CORE).

I. Research (3 hours)

HURES 5103 Human Services Research (Must be taken in the first 12 hours)

II. Specialization (Minimum of 57 hours**)**

HURES 5043 Hum Serv Admin and Supervision
HURES 5053 Community Service Theory and Practice
HURES 5073 Assessment of Psychological, Social, and Relational Aspects of Disability
HURES 5163 Appraisal and Assessment of Individuals, Groups and Families
HURES 5213 Diag and Treatment of Psychiatric & Co-occuring Disorders
HURES 5243 Clinical Rehabilitation & Clinical Mental Health Foundations
HURES 5253 Legal and Ethical Aspects of Case Mgmt
HURES 5363 Theories of Marriage and Family Counseling
HURES 5463 Medical Aspects of Disability
HURES 5473 Framework for Job Placement Development
HURES R5553 Practicum in Clinical Rehabilitation & Clinical Mental Health Counseling
HURES 5603 Human Growth & Dev: A Multicultural Approach
HURES 5613 Counseling Theories
HURES 5623 Counseling Intervention
HURES 5633 Career and Life-Style Development
HURES 5713 Group Counseling Theory and Practice
HURES 5943 Internship in Clinical Rehabilitation & Clinical Mental Health Counseling
HURES 5943 Internship in Clinical Rehabilitation & Clinical Mental Health Counseling
HURES 5943 Internship in Clinical Rehabilitation & Clinical Mental Health Counseling

MASTER OF ARTS IN CRIMINAL JUSTICE ADMINISTRATION DEGREE

Program Objectives

A Master of Arts in Criminal Justice Administration degree supports the need for an understanding of the administration and management of criminal justice agencies and organizations. A degree in criminal justice administration trains students to be leaders and administrators in the field of criminal administrative roles in many areas of criminal justice including the following: city police departments, sheriff's offices, state departments of correction, federal law enforcement agencies, and private sector agencies. Specifically, this degree will prepare students for roles as police chiefs, assistant or deputy chiefs, sheriffs, undersheriffs, wardens, deputy wardens, and chief agents of law enforcement entities.

1) Use a multidisciplinary approach to increase students' understanding of leadership in criminal justice agencies and organizations.

2) Produce ethical criminal justice leaders who are responsible and informed decision makers.

3) Cultivate critical thinking skills that are applicable in criminal justice agencies and organizations.

4) Teach students to utilize evidence-based practices in criminal justice, leadership, and administration.

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1) Have a baccalaureate degree from an accredited institution.

2) Meet one of the following conditions:
   a. Have a minimum cumulative GPA of 3.0 on all undergraduate coursework to date or
   b. Have a minimum cumulative GPA of 3.0 in the last sixty (60) hours of coursework

3) Have acceptable program application documents (references, resume essay questions, etc.)

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA requirement for unconditional admission, but has not submitted all other required documentation. The documentation must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the University. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load and who has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in graduate courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

Admission Procedure

Criminal Justice Administration Degree Process:

1) Be admitted to the School of Graduate Studies

2) Submit the Professional Programs in Criminal Justice Administration Department Admission forms through MyECU:
   a. Provide transcripts of all work completed (baccalaureate and graduate).
   b. Submit a resume to include all educational and work history.
   c. Provide name and address of three professional/work-related references.
   d. Complete the three (3) essay questions.

Denial of Admission

1) A denied applicant, who wishes to appeal the denial, must first request a second review by the Department of Professional Programs in Criminal Justice Administration Graduate Admission Committee (GAC). Requests for review, including any additional materials the applicant desires to submit, must be received in writing within thirty (30) days of the applicant receiving notice of denial. The GAC will complete a comprehensive review of the student's credentials, specifically any additional material the applicant submits, and will render a decision in writing to the applicant within ten (10) business days following the review meeting of the GAC.

2) If an applicant is denied admission by the GAC, the applicant may appeal the GAC's decision to the Chair of the Department of Professional Programs in Criminal Justice Administration. The Applicant's appeal must be in writing, must set forth with specificity the grounds for the appeal, and must be directed and delivered to the Chair of the Department of Professional Programs in Criminal Justice Administration. Upon receipt of the appeal, the Department Chair will review the applicant's files and appeal letter. The Department Chair will communicate his or her decision to the applicant-appellant, in writing, within thirty (30) calendar days of receipt of the appeal.

Criminal Justice Administration - 1070
(30 Hours)

I. Core Courses (18 hours)

CRJS 5013 Administration in the Criminal Justice System
CRJS 5113 Political and Legal Aspects of the Criminal System
CRJS 5323 Foundations of the Criminal Justice Profession
CRJS 5433 Advanced Crime Theory
HURES 5103 Human Services Research
HURES 5433 Organizational Decision Making & Leadership

II. Required Electives (12 hours)

CRJS 5213 Litigation in the Criminal Justice System
CRJS 5333 Crime Reduction Strategies
HURES 5123 Grant Proposal Writing
HURES 5183 Addictions Theory
HURES 5283 Psychopharmacology and Substance Abuse
HURES 5303 Program Evaluation

Other electives accepted by departmental approval.

MASTER OF SCIENCE IN PSYCHOLOGICAL SERVICES DEGREE

General Purpose and Objectives

The Master of Science in Psychological Services degree is designed to develop professionals who can function as Licensed Professional Counselors, Licensed Behavioral Practitioners, School Psychologists, Sport Psychologists or psychological assistants in such settings as mental health centers, guidance centers, mental hospitals, alcohol and drug treatment centers, correctional institutions, individual athletes and teams, and as an independent practitioner as defined by the licensure or certification board(s) of his or her chosen program of study. The role of these professionals is to help people more fully to develop their potential for creative productivity and emotional satisfaction. The following general objectives are intended to prepare students to fill this role:

1. To provide opportunities for students to acquire knowledge of the general principles involved in providing psychological services;
2. To prepare students to understand research methodology and to use research reports and psychological literature;
3. To prepare students to provide the psychological services of counseling, consulting, and evaluating.

Students in this program are expected to have or to acquire in the early phases of training knowledge of general psychology, statistical methods, psychology of learning and its application to behavior modification, psychology of personality, abnormal psychology, and psychological evaluation. A course in theory and research in psychological services builds on this background to develop competencies in research and the use of psychological literature. Courses in individual mental testing, and individual psychological evaluation, help students to acquire the skills to evaluate people. Courses in behavior change and clinical psychology help students to provide counseling services to people. A course in community consultation helps students to provide consultation in their work setting and community.

Small classes and ample opportunities for interaction with faculty and students provide an excellent opportunity for students to develop the skills necessary to function well in their occupations. Graduate teaching assistantships and graduate research assistantships provide financial assistance as well as unusual opportunities for learning.

General Regulations for the Program

I. Admission to the Master of Science in Psychological Services Degree

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Have a baccalaureate degree from an accredited institution.
2. Meet one of the following conditions:
   a. Have a minimum cumulative GPA of 3.0 on all undergraduate coursework to date, have a minimum cumulative GPA of 3.0 in the last 60 hours of coursework,
   b. Have a minimum cumulative GPA of 3.0 on at least 9 hours of graduate coursework.
   c. Have a minimum cumulative GPA of 3.0 on all undergraduate or graduate work in psychology or related field (minimum of 18 hours) or
   d. Have a minimum percentile score of 40% on the verbal, quantitative, or analytical section of the GRE.
3. Have submitted acceptable program application documents (references, resume, essay questions, etc.).

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA requirement for unconditional admission, but has not submitted all other required documentation and/or completed the GRE (if required). The documentation and/or satisfactory completion of the GRE (if required) must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA or GRE requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the university. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load and who has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in graduate courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

Admission Procedure

The applicant must:

1. Complete an East Central University Application for Admission/Readmission.
2. Submit the Department of Psychology admissions forms
   a. Provide transcripts of all work completed (baccalaureate and graduate);
   b. Provide academic and professional information
   c. Provide name, mailing address, and e-mail of two references; and
   d. Provide responses to the writing exam.
3. Take the GRE, if applicable.

II. Credit Requirements

The program leading to the Master of Science degree in Psychological Services requires completion of at least sixty hours of applicable work above the bachelor's degree. (Courses which may apply on the master's degree program are those 5000 level courses.)

III. Planning the Program

Each student will be assigned a faculty graduate advisor upon entering the program and will be expected to work closely with the advisor. A student will need to work with his or her advisor in meeting basic professional goals. This MSPS degree qualifies an individual to work in applied areas of psychology under supervision. At the completion of the program, students will have met the academic requirements for certification as a Licensed Professional Counselor, a Licensed Behavioral Practitioner, Applied Sport Psychologist, or School Psychologist.

IV. Thesis

No thesis is required in the Master of Science in Psychological Services program at East Central University. However, one may be submitted in partial fulfillment of the requirements for the degree, for credit of six semester hours, provided approval is given by the Graduate Committee of the Psychology Department, the Dean of the College of Education and Psychology, and the Dean of the School of Graduate Studies (see the course PSYCH 5691-6). Guidelines for writing the thesis in the Master of Science in Psychological Services program may

be obtained either from the Dean of the School of Graduate Studies or the Coordinator of the College of Education and Psychology Graduate Programs.

NOTE: Students who plan to apply for Licensed Professional Counselor **should not choose** the thesis option as the State Board of Behavioral Health Licensure will not accept thesis hours as approved coursework.

V. Transfer Work

No transfer work will be accepted since the program has been pre-approved by the LPC Board. If the student chooses an alternate career path the student may meet with the program coordinator to discuss his or her long term professional goals and whether or not this action is a feasible option for those career goals.

VI. Grade Regulations

The grades of A, B, C, D, P, F, N, W, AW, WF and I may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have grade point values per semester hour as follows: A-4, B-3, C-2, D-1, F-0, and WF-0. Grade marks of "P" and "W" are disregarded with respect to grade points and hours attempted in computing grade average.

An incomplete grade ("I") may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA. ("I" grades in PSYCH 5691-6 Master's Thesis are exempt from this regulation.)

Only courses having grades of "C" or above may be counted in the minimum sixty semester hours graduate study required for the master's degree, and the grade average for all courses taken on the degree program and all prerequisites must be "B" (3.0) or above. No more than six semester hours of "C" grade may be counted. Credit with grades of "D" will not satisfy degree requirements.

A student may repeat a course if approved by the advisor. Only the last grade is counted with reference to graduation requirements. No additional credit is allowed for a repeated course.

VII. Practicum/Internship

The student will spend a minimum number of hours receiving direct supervision with a qualified mentor and direct client contact hours as required by his or her practicum(s) or internship(s). The student must complete an application form for practicum placement at least five weeks before the semester in which the practicum begins.

The student's advisor and the Practicum/Internship Supervisors will determine the type and appropriateness of supervision for each placement. The student will spend a minimum number of hours receiving direct supervision with a qualified mentor and direct client contact hours as required by his or her practicum(s) or internship(s).

VIII. Ethics and Professional Standards

The student admitted to the Master of Science in Psychological Services program needs to familiarize himself or herself with and act in accordance with the ethical standards required by the following board and professional organizations:

1. American Psychological Association
2. American Counseling Association
3. National Board for Counselor Certification
4. Association of Psychological Sciences
5. Oklahoma State Board of Behavior Health

As well as the professional organization for his or her specific program of study:

6. National Association of School Psychologist or
7. Association for Applied Sport Psychology

Any behavior on the part of a student which may conflict with the standards in the above documents will be reviewed by a committee from the psychology faculty consisting of the advisor, a psychology faculty member appointed by the chair, and a faculty member chosen by the student. The committee will have the authority to take any of the following actions: exonerate the student, notify the student and plan appropriate ameliorative action, notify appropriate boards and law enforcement agencies, or dismiss the student from the program.

Psychological Services

Counseling Psychology - 0860 (60 hours)

Counseling Psychology- focuses on the skills and knowledge needed to facilitate personal and interpersonal functioning within mental health practice and different community mental health settings. The curriculum is broadbased to prepare students in working with many different populations. Students in this track will be eligible to seek state LPC and LBP licensure.

I. Psychological & Counseling Foundations (27 hours total):

EDPSY	5163	Cog Beh Theories & Methods of Coun & Psychotherapy
EDPSY	5353	Standardized Group Tests
EDPSY	5433	Affective Theories of Counseling & Psychotherapy
H/P/E	5443	Advanced Group Counseling
PSYCH	5063	Advanced Physiological Psych
PSYCH	5143	Stat and Design in Applied Psychology
PSYCH	5173	Prof Orientation and Ethics in Clinical Psych
PSYCH	5363	Adolescent Psychopathology and Treatment
PSYCH	5443	Multicultural Consultation and Interv

II. Counseling Psychology Specialization (21 hours):

PSYCH	5113	Theories of Personality & Hum Behavior
PSYCH	5153	Research in Applied Psychology
PSYCH	5183	Adv Abnormal Psychology
PSYCH	5333	Beh Intervention w/ Children
PSYCH	5373	Psychological Assessment
PSYCH	5403	Intellectual Assessment
PSYCH	5473	Adv Psych of Childhood & Adolescence

III. Field Experiences (6 hours):

PSYCH 5553 Practicum in Psychology (6 hours)

IV. Electives (6 hours):

Students may select with advisor/department approval six (6) hours of graduate electives with PSYCH or EDPSY prefix.

OR

PSYCH 5691-6 Thesis (6 hours, Prereq: Departmental Approval) to total 60 hours.

Students who plan to apply for Oklahoma state LPC licensure are strongly advised to complete 6 elective program courses approved by the State Board of Behavioral Health Licensure (BBHL). **Thesis hours are not accepted for LPC coursework.** Candidates who do not adhere to the LPC Planned Program of Study for the MSPS Counseling Psychology Program may be subject to individual course review and at the discretion of the board denied approval or required to complete additional coursework. Therefore course substitutions for the Counseling Psychology option will only be approved after the candidate signs a contract stating he or she understands these possible consequences.

Psychological Services

School Psychology - 0861 (60 hours)

School Psychology- focuses on the skills and knowledge needed for providing psychological services within public school settings. The curriculum is designed to prepare students to work with diverse childhood populations, including children from diverse demographic backgrounds as well as children with diverse learning, behavior, and emotional needs. Students who successfully complete this track will be eligible to seek state School Psychologist and School Psychometrist certification.

I. Psychological & Counseling Foundations (27 hours total):

EDPSY	5163	Cog Beh Theories & Methods of Coun & Psychotherapy
EDPSY	5353	Standardized Group Tests
EDPSY	5433	Affective Theories of Counseling & Psychotherapy
H/P/E	5443	Advanced Group Counseling
PSYCH	5063	Advanced Physiological Psych
PSYCH	5143	Stat and Design in Applied Psychology
PSYCH	5173	Prof Orientation and Ethics in Clinical Psych
PSYCH	5363	Adolescent Psychopathology and Treatment
PSYCH	5443	Multicultural Consultation and Interv

II. School Psychology Specialization (21 hours):

EDPSY	5143	Introduction to School Psychological Services
EDPSY	5403	Non-Traditional Assessment
PSYCH	5313	Adv Educ Psych
PSYCH	5333	Behavioral Intervention w/ Children
PSYCH	5403	Intellectual Assessment
PSYCH	5433	Diagnostic Assessment
PSYCH	5473	Adv Psych of Childhood & Adolescence

III. Field Experiences (12 hours):

EDPSY	5493	Practicum in School Psychology
EDPSY	5593	Internship in School Psychology I
EDPSY	5613	Internship in School Psychology II
EDPSY	5693	Practicum in School Psychometry

Psychological Services

Sport Psychology - 0862 (60 hours)

Sport Psychology- focuses on the applied knowledge needed in the development and use of psychological skills for the optimal performance and the well-being of athletes. The curriculum is designed to address the performance and psychological concerns associated with sports involvement affecting athletes, coaches, and families as well as the developmental and social aspects of sports participation

I. Psychological & Counseling Foundations (27 hours total):

EDPSY	5163	Cog Beh Theories & Methods of Coun & Psychotherapy
EDPSY	5353	Standardized Group Tests
EDPSY	5433	Affective Theories of Counseling & Psychotherapy
H/P/E	5443	Advanced Group Counseling
PSYCH	5063	Advanced Physiological Psych
PSYCH	5143	Stat and Design in Applied Psychology
PSYCH	5173	Prof Orientation and Ethics in Clinical Psych
PSYCH	5363	Adolescent Psychopathology and Treatment
PSYCH	5443	Multicultural Consultation and Interv

II. Sport Psychology Specialization (30 hours):

PSYCH	5023	Advanced Social Psychology
PSYCH	5043	Advanced Sport Psychology
PSYCH	5083	Sports Performance Enhancement Strategies
PSYCH	5153	Research in Applied Psychology
PSYCH	5183	Adv Abnormal Psychology
PSYCH	5193	Health Psychology
PSYCH	5203	Applied Biomechanics
PSYCH	5213	Life Coaching & Career Counseling
PSYCH	5373	Psychological Assessment
PSYKN	5523	Sports in American Society

III. Field Experiences (3 hours):

PSYCH	5563	Internship in Sport Psychology

Graduate Certificate in Psychological Services

School Psychologist - 1000

(60 hours)

Applicant must hold a Master's Degree in one of the following areas: General Psychology, Special Education, Child Psychology, School Counseling, or a related counseling area. School Psychologist Certificate candidates will be eligible to complete the OSAT certifcation exams for School Psychologist (033) and Psychometrist (034). School Psychologist certificate students will only be eligible to seek a state LPC licensure if they hold a Master's Degree in an area related to mental health and accepted by the stated LPC licensure board. Minimum total of sixty (60) semester credit hours, including course work in the following program of study are required.

I. Psychological & Counseling Foundations (27 hours)

EDPSY	5163	Cog Beh Theories & Methods of Coun & Psychotherapy
EDPSY	5353	Standardized Group Tests
EDPSY	5433	Affective Theories of Counseling & Psychotherapy
H/P/E	5443	Advanced Group Counseling
PSYCH	5063	Advanced Physiological Psych
PSYCH	5143	Stat and Design in Applied Psychology
PSYCH	5173	Prof Orientation and Ethics in Clinical Psych
PSYCH	5363	Adolescent Psychopathology and Treatment
PSYCH	5443	Multicultural Consultation and Interv

II. School Psychology Specialization (21 hours):

EDPSY	5143	Intro to School Psych Services
EDPSY	5403	Non-Traditional Assessment
PSYCH	5313	Advanced Educational Psych
PSYCH	5333	Beh Intervention w/ Children
PSYCH	5403	Intellectual Assessment
PSYCH	5433	Diagnostic Assessment
PSYCH	5473	Adv Psych of Childhood & Adolescence

III. Field Experiences (12 hours)

EDPSY	5493	Practicum in School Psychology
EDPSY	5593	Internship in School Psychology I
EDPSY	5613	Internship in School Psychology II
EDPSY	5693	Practicum in School Psychometry

Graduate Certificate in Psychological Services

School Psychometrist - 1010

(30 hours)

I. Psychological Foundations (9 hours)

EDPSY 5353 Standardized Group Tests
PSYCH 5063 Advanced Physiological Psychology
PSYCH 5173 Prof Orientation and Ethics in Clinical Psych

II. School Psychology Specialization (18 hours):

EDPSY 5143 Intro to School Psych Services
EDPSY 5403 Non-Traditional Assessment
PSYCH 5313 Advanced Educational Psych
PSYCH 5403 Intellectual Assessment
PSYCH 5433 Diagnostic Assessment
PSYCH 5473 Adv Psych of Childhood & Adolescence

III. Field Experiences (3 hours)

EDPSY 5693 Practicum in School Psychometry

MASTER OF SCIENCE IN WATER RESOURCE POLICY AND MANAGEMENT

General Purpose and Objectives

The Master of Science in Water Resource Policy and Management supports the need for advanced understanding of the growing complexity of water issues that face communities in the state, nation, and globally. This degree trains students for leadership in making water policy decisions and prepares students who seek employment within federal and state environmental agencies, environmental non-governmental organizations, international development agencies, industry, and environmental consulting firms.

The program requires students to integrate and synthesize knowledge from multiple disciplines to address the complex challenges of water resource decisions and to develop solutions that are socially acceptable, politically and economically viable, and environmentally sustainable. Students will be broadly trained to undertake careers in managing water resources and in guiding or making water resource policy decisions.

General Regulations for the Program

I. Admission to the Master of Science in Water Resource Policy and Management

Admission Process

The applicant must:

1. Complete an ECU Application for Admission/Readmission.
2. Submit the Masters of Water Resource Policy and Management admissions forms
   a. Provide transcripts of all work completed (baccalaureate and graduate);
   b. Submit a current resume;

Unconditional Admission

Unconditional admission may be granted to applicants who meet the following criteria:

1. Have a baccalaureate degree from an accredited institution.
2. Meet either of the following conditions:
   a. Have a minimum cumulative GPA of 3.0 on all undergraduate coursework to date or
   b. Have a minimum cumulative GPA of 3.25 in the last sixty (60) hours of coursework.
3. Non-native English speaking students must have a minimum of 79 Internet-based, 213 computer-based, or 550 paper-based TOEFL score or a minimum 6.5 IELTS score.
4. Have acceptable program application documents (references, resume, essay questions, etc.)

Conditional Admission

Conditional admission may be granted to an applicant who has met the GPA and TOEFL/IELTS requirements for unconditional admission, but has not submitted all other required documentation and/or completed the testing LSAT or MAT. The documentation and satisfactory completion of the LSAT or MAT must be completed and processed before the student may enroll in a second semester.

Provisional Admission

Applicants not meeting the GPA or testing requirements for unconditional admission may be considered for provisional admission by the program. Students must submit all program documents before admission to the university. No more than nine (9) hours of graduate credit earned while on provisional admission status will count toward a degree. To gain unconditional status, the student must complete a minimum of nine (9) hours approved graduate work with a minimum GPA of 3.0 in all courses taken, meet all other admission criteria, and meet all provisions set by the program.

Concurrent Admission

A senior student who lacks less than a full normal study load and who has completed a minimum of one hundred (100) credit hours, and meets the GPA requirements, may be permitted to enroll in WRPM courses, subject to the study load provisions and semester hour provisions of the School of Graduate Studies.

II. Credit Requirements

The program leading to the Master of Science in Water Resource Policy and Management requires completion of at least thirty (30) hours of applicable work above the bachelor's degree. Courses which may apply on the master's degree program are those 5000 level courses and appropriate graduate level courses transferred from accredited institutions.

III. Planning the Program

The student's study program leading to the master's degree is developed in consultation with his or her faculty advisor and is carefully related to the student's individual needs. Needs are identified through consideration of undergraduate preparation and immediate and prospective career goals.

IV. Thesis

No thesis is required in the Master of Science in Water Resource Policy and Management program. However, one may be submitted in partial fulfillment of the requirements for the degree, for credit of six semester hours, provided approval is given by the Graduate Committee of the Legal Studies Department, the Dean of the College of Liberal Arts and Social Sciences, and the Dean of the School of Graduate Studies (see the course WRPM 5691-6). Guidelines for writing the thesis in the Master of Science in Water Resource Policy and Management program may be obtained either from the Dean of School of Graduate Studies or the Coordinator of the Water Resource Policy and Management Program.

V. Transfer Work

A maximum of nine (9) semester hours of graduate credit earned at other colleges or universities may be accepted as partial fulfillment of the requirements for the master's degree in water resource policy and management. To be applicable, the graduate credit must meet the following three requirements:

1. The college or university at which the credit was obtained must offer a graduate degree in water policy or water management;
2. The content of the course involved must be consistent with the career goals of the student as determined by the student's advisor; and
3. The student must have received an A or B (or the equivalent) in the course involved.

The student who plans to transfer credit is responsible for assembling sufficient supporting material to allow the department chair and graduate dean to make an adequate evaluation of the transfer credit request.

VI. Grade Regulations

The grades of A, B, C, D, P, F, N, W, AW, WF and I may be assigned to graduate students. The grade mark "P" indicates pass without exact grade; the grade mark "W" indicates withdrawn; the grade mark "AW" indicates administrative withdrawal; the temporary grade mark "N" indicates the semester grade was not submitted by the instructor by the appropriate deadline. Grade marks have grade point values per semester hour as follows: A-4, B-3, C-2, D-1, F-0, and WF-0. Grade marks of "P" and "W" are disregarded with respect to grade

points and hours attempted in computing grade averages.

An incomplete grade may be used at the instructor's discretion 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 awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. "I" grades must be changed by the instructor within one year from the end of the semester in which the "I" was assigned or they will remain as a permanent "I" and not contribute to the student's GPA.

Graduate students must maintain an overall graduate grade point average (GPA) of 3.0 to remain academically in good standing with the School of Graduate Studies. If the GPA falls below 3.0, the student will be placed on Academic Probation. In this status, a minimum GPA of 3.0 must be earned each semester or term. Failure to earn a 3.0 or higher each semester or term will result in Suspension from the Graduate Degree Program.

WATER RESOURCE POLICY AND MANAGEMENT - 1030

I. Required Courses **21 hours**

WRPM	5103	Policy Research and Methodology
WRPM	5203	Natural Resource History & Policy
WRPM	5303	Water Resource Policy Analysis
WRPM	5503	Environmental Conflict Management
WRPM	5513	Advanced Watershed Management
WRPM	5603	Water Resource Economics
WRPM	5703	International Environmental Policy

II. Elective Courses **9 hours**

Select nine hours from the following:

WRPM	5113	Advanced Native American Law
WRPM	5193	Advanced Tribal Politics
WRPM	5213	Advanced Public Policy Making
WRPM	5313	Native American Water Rights
WRPM	5403	Water Law
WRPM	5413	Public Organization Theory
WRPM	5613	Hydrogeology
WRPM	5691-6	Thesis
WRPM	5713	Advanced Water Quality and Treatment
WRPM	5813	Studies in Environmental Toxicology
WRPM	5951-3	Internship in Water Resources

A minimum of three hours of Thesis must be completed. A maximum of six hours of Thesis may be counted toward the degree.

WRPM	5981-4	Seminar in Water Resources Policy and Management (Subject named in title listing)
WRPM	5991-4	Individual Study in Water Resources Policy and Management (Subject named in title listing)

Total **30 hours**

Cost Statement

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Affirmative Action Compliance Statement

East Central University, in compliance with all applicable Federal and State laws and regulations, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, sexual orientation, genetic information, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admission, employment, financial aid, and educational services. The following person has been designated to handle inquiries regarding the non-discrimination policies: Employment Services Director, 1100 E. 14th, Adm 160, Ada, OK 74820, (580) 559-5217



Section XI

SUPERVISION, ORGANIZATION, FACULTY AND OTHER PERSONNEL

Supervision

The Oklahoma State System of Higher Education, of which East Central University is a part, is directed by the Oklahoma State Regents for Higher Education, which has broad powers over the state institutions of higher education. As one of six regional senior state universities, East Central University is under the direct supervision of the Regional University System of Oklahoma. The University is under the local control of the President and the Faculty, who function within the bounds of the Faculty Constitution.

Oklahoma State Regents for Higher Education

Allison D. Garrett, Chancellor.....Edmond
Jeffrey W. Hickman, Chair.....Edmond
Michael C. Turpen, Vice Chair.....Oklahoma City
Steven W. Taylor, Secretary.....McAlester
Dennis Casey, Asst. Secretary.....Morrison
Dustin J. Hilliary.....Lawton
Ann Holloway.....Tulsa
Joseph L. Parker, Jr.....Tulsa
Jack Sherry .....Holdenville
Courtney Warmington.....Oklahoma City

Regional University System of Oklahoma

Connie Reilly, Chair.....Okemah
Jane McDermott, Vice Chair.....Alva
Amy Anne Ford, Secretary.....Oklahoma City
Chris Van Denhende.....Oklahoma City
Lake Carpenter.....Leedey
Eric Fisher.....Oklahoma City
Joy Hofmeister.....Tulsa
Gary Parker..... Muskogee
Susan Winchester.....Edmond

Oklahoma Regional Universities

East Central.....Wendell L. Godwin, President..... Ada
Northeastern.....Steve Turner, President..... Tahlequah
Northwestern.....Bo Hannaford, President..... Alva
Southeastern.....Thomas W. Newsom, President.....Durant
Southwestern.....Diana Lovell, President ..... Weatherford
Central Okla.....Todd G. Lamb, President..... Edmond

FACULTY AND OTHER PERSONNEL

Administrative Staff

Wendell L. Godwin (2010)
President
BS, East Central University, 1984
Exec. MBA, Southern Methodist University, 2005

Jeffrey K. Gibson, PhD (2020)
Provost and Vice President for Academic Affairs
AA, St. Petersburg Junior College, 1995
BA, University of Central Florida, 1998
PhD, University of Albany, 2004

Brandon D. Hill, PhD (2020)
Vice President for Student Development
BS, Greenville University, 1993
MEd, Azusa Pacific University, 2002
PhD, Saint Louis University, 2005

Darrell Morrison, MBA (2023)
Vice President for Administration and Finance
University of Arkansas- Little Rock, 2005

Amy T. Garcia Ford, BS (2007)
Vice President for Institutional Advancement, Director of Communications and Marketing
BS, East Central University, 1996

Denver Stickrod, EdD (2023)
Vice President for Enrollment Management
Nova Southeastern University, 2015

Haley Vickers, EdD (20
Chief of Staff
University of Southern Missisippi, 2023

Matthew W. Cole, MS (2014)
Director of Athletics,
BS, Northeastern State University, 1999
MS, ibid., 2006

Kenneth Andrews, PhD (2000)
Dean, College of Health and Sciences
BS, Southern Illinois University at Carbondale, 1989
MS, ibid., 1991
PhD, Michigan State University, 2000

Michael Scott, PhD (2010)
Dean, Harland C. Stonecipher School of Business
BBA, University of Oklahoma, 2003
MA, Clemson University, 2009
PhD, ibid., 2012

Sarah Peters, PhD (2012)
Interim Associate Provost, Dean, School of Graduate Studies
BA, Henderson State University, 2001
MLA, ibid., 2003
PhD, Texas A&M University, 2009

Katherine H. Lang, PhD (2017)
Dean, College of Liberal Arts and Social Sciences
BSFS, Georgetown University, 1983
PhD, University of Chicago, 1997

Jerry Mihelic, EdD (2019)
Dean, College of Education and Psychology; Associate Professor, Education
AA, Mid-America Christian University, 1989
BS, Arizona Christian University, 1990
MS, Northern Arizona University, 1998
EdD, Oral Roberts University, 2018

Elwyn Martin, PhD (2022)
Registrar
BA, North Carolina State University
MS, Bangor University
PhD, Bangor University

Faculty

Erick Ananga, PhD (2016)
Associate Professor, Politics, Law, and Society
BA, University of East Anglia, 2004
MA, ibid., 2006
PhD, University of South Florida, 2015

LaDonna Autrey, PhD (2019)
Assistant Professor, Psychology
BS, East Central University, 1996
MS, ibid., 1998
PhD, Capella University, 2021

Melody Baggech, DMA (2001)
Professor, Performing Arts
BM, Millikin University, 1986
MM, West Texas A&M University, 1990
DMA, University of Oklahoma, 1998

Rochelle Bailey, MSW (2016)
Instructor, Professional Programs in Human Services
BA, Kansas State University, 1994
BA, ibid., 1994
MSW, Newman University, 2001

Christopher B. Bean, PhD (2008)
Professor and Chair Department of History
BA, University of North Texas, 1999
MS, ibid., 2003
PhD, ibid., 2008

Terrie Becerra, PhD (2016)
Associate Professor, Sociology
BS, University of Kansas, 1978
MS, Kansas State University, 2005
PhD, ibid., 2010

Steve Benton, PhD (2008)
Professor, English and Languages; Director, Honors Program
BA, Texas Christian University, 1989
MA, University of Chicago, 1999
PhD, University of Illinois at Chicago, 2008

Nathaniel Berman, DMA (2014)
Associate Professor, Performing Arts
BM, Michigan State University, 2004
MA, New York University, 2006
DMA, University of Northern Colorado, 2021

Shawna Bishop, MLIS (2021)
Librarian/Instructor
BA, San Diego State University, 2017
MLIS, San Jose State University, 2021

Stacey D. Bolin, DBA (2011)
Associate Professor, Business Administration, Director, Wilburn L. Smith Center for Entrepreneurship
BS, East Central University, 2000
BS, ibid., 2000
MBA, University of Oklahoma, 2004
DBA, Walden University, 2015

Jessica Brumley, PhD (2019)
Assistant Professor, Environmental Health Science
BS, University of Houston, 2002
PhD, University of Oklahoma, 2014

Douglas Bryhan, PhD (2017)
Assistant Professor, Physics
BS, Northern Illinois University, 1995
MS, ibid., 2001
PhD, ibid., 2007

James W. Burke, Jr., PhD (2019)
Instructor, Professional Programs in Human Services, Professor Emeritus
BA, University of Tulsa, 1972
MSW, Our Lady of the Lake University, 1976
PhD, Oklahoma State University, 1989

Kristen Byers, MBA (2016)
Instructor, Business Administration
BBA, University of Oklahoma, 1997
MBA, Cameron University, 2012

Bill Caruthers, PhD (2019)
Instructor, Education
BA, East Central University, 1985
MEd, idib., 1986
PhD, University of Oklahoma, 2009

June Caruthers, MEd (2016)
Instructor, Education
BS, East Central University, 1986
MEd, Central State University, 1989

Anirudh Reddy Cingireddy, PhD (2022)
Assistant Professor, Computer Science
BT, Jawajarlal Nehru Technological University Hyderabad, 2013
MCS, Jackson State University, 2015
PhD, Jackson State University, (2022)

Bradley Clampitt, PhD (2007)
Professor, History and Native American Studies
BA, East Central University, 1997
MA, University of North Texas, 2001
PhD, ibid., 2006

Charles Crittell, PhD (1995)
Professor, Chemistry
BS, Trinity University, 1982
PhD, University of Utah, 1993

Thomas Deighan, PhD (2022)
Assistant Professor & Director of Educational Leadership, Education
BA, Southwester Oklahoma State University
MEd, University of Central Oklahoma
PhD, University of Oklahoma

Megan L. Dilday, MSN (2015)
Instructor, Nursing; Clinical Coordinator
BSN, East Central University, 2007
MSN, University of Oklahoma, 2016

Joe Dougherty, MBA (2014)
Instructor and Chair, Accounting
BS, Villanova University, 1992
MBA, Southern Methodist University, 1998

Leah Dudley, PhD (2017)
Assistant Professor, Biology
BS, Truman State University, 1999
PhD, University of Missouri, 2006

Darcy Duncan, DNP (2017)
Assistant Professor and Director, School of Nursing
ADN, Murray State College, 2007
BSN, East Central University, 2011
MSN, Walden University, 2014
DNP, ibid., 2017

Vivian Eldridge (2019)
Librarian/Instructor
BA, University of Oklahoma, 2014
MLIS, University of Oklahoma, 2018

Paul Emrich, PhD (2022)
Associate Professor, Professional Programs and Human Services
BA, Oklahoma Baptist University, 1996
MS, Oklahoma Baptist University, 1999
PhD, Oklahoma State University, 2011

Sarah Engel, MFA (2018)
Instructor, Mass Communication
BFA, University of Oklahoma, 2011
MFA, ibid., 2014

Mark Felts, PhD (2018)
Assistant Professor, Education
BSN, Midwestern State University, 2006
MEd, University of North Texas, 2009
MA, Universite Jean Moulin Lyon II, 2013
PhD, University of North Texas, 2018

Joshua Grasso, PhD (2006)
Professor, English and Languages
BA, University of Tulsa, 1998
MA, ibid., 2002
PhD, Miami University, 2006

Kenneth E. Hada, PhD (2000)
Professor, English and Languages
BA, Bartlesville Wesleyan College, 1983
MDiv, Asbury Theological Seminary, 1987
PhD, University of Texas at Arlington, 2000

Mary Harper, PhD (2011)
Associate Professor and Chair, Mathematics & Computer Science
AS, Seminole State College, 1999
BS, East Central University, 2002
MS, University of Oklahoma, 2005
PhD, ibid., 2013

Deanna Hartley-Kelso, JD (2017)
Associate Professor, Business Administration, S.C. Boswell Endowed Professor
BA, University of Texas - Arlington, 1989
JD, University of Tulsa, 1993

Megan Hasler, MLIS (2017)
Librarian/Instructor
BA, Harding University, 2011
MLIS, Louisiana State University, 2016

Dwight M. Hite, PhD (2017)
Associate Professor, Business Administration
BS, Kansas State University, 2000
MBA, University of Texas-Arlington, 2004
PhD, University of North Texas, 2009

Alisha Howard, PhD (2016)
Associate Professor, Biology
BS, Oklahoma State University, 2005
BS, ibid., 2005
PhD, ibid., 2010

Eric Howard, MS (2018)
Instructor, Environmental Health Sciences
BS, Oklahoma State University, 2008
MS, Colorado School of Public Health, 2014

Susan Ingram, MS (2008)
Instructor, Mass Communication
BA, East Central University, 2008
MS, ibid., 2011

Nicholas Jacob, PhD (2013)
Associate Professor, Mathematics
BS, University of Missouri, 2005
PhD, ibid., 2013

Mark E. Jones, PhD (2013)
Associate Professor, Education
BS, Oklahoma State University, 1999
MEd, Northern Arizona University, 2004
PhD, Oklahoma State University, 2009

Scott, Ketchum, PhD (2019)
Assistant Professor and Director, Native American Studies
BA, University of Central Oklahoma, 2008
MA, University of Oklahoma, 2011
PhD, ibid., 2017

Errol L. King, PhD (2014)
Associate Professor, Interim Chair, English and Languages
ASA, Brigham Young University - Idaho, 2002
BA, Brigham Young University, 2004
MA, ibid., 2006
PhD, University of Arizona, 2012

Marc Klippenstine, PhD (2007)
Professor and Chair, Psychology
BA, University of Regina, 1998
MA, York University, 2001
PhD, ibid., 2010

Michelle A. Lastrina, PhD (2013)
Associate Professor, Mathematics
BA, Mount Holyoke College, 2006
PhD, Iowa State University, 2012

Julie Crane Lee, EdD (2011)
Instructor, Accounting
BS, East Central University, 1999
MS, ibid., 2013
EdD, Oral Roberts University, 2020

Matthew Lynam, PhD (2014)
Associate Professor, Mathematics
BA, Tabor College, 2006
MA, University of Oklahoma, 2010
PhD, ibid., 2014

Randall Maples, PhD (2016)
Associate Professor, Chemistry
Chair, Physical Sciences
BS, Southwestern Oklahoma State University, 2007
PhD, Oklahoma State University, 2012

Jillian Bailey McCarty, MS (2009)
Instructor, Kinesiology
BS, Middle Tennessee State University, 1988
MS, ibid., 1989

Nancy McClain, MEd (2013)
Instructor, Mathematics
BBA, University of Oklahoma, 1985
BA, ibid., 1991
MEd, Southeastern Oklahoma State University, 2012

Danielle McClellan, MS (2022)
Instructor, Accounting
MS, Oklahoma State University, 2014

Jeff McGaha, MEd (2006)
Instructor, Kinesiology
BS, East Central University, 1995
MEd, ibid., 1999

Matt McGaha, MEd (2007)
Instructor, Kinesiology and Education
BS, East Central University, 1995
MEd, ibid., 2002

Daniel McInnes, PhD (1996)
Professor, Chemistry
BS, Drexel University, 1991
PhD, University of California - Los Angeles, 1996

Jennifer McMahon, PhD (2007)
Professor, English and Languages
BA, Skidmore College, 1993
MA, State University of New York - Buffalo, 1995
PhD, ibid., 1997

Nicholaus Meyers, DMA (2018)
Assistant Professor, Performing Arts; Director of Bands
BM, Augusta State University, 2002
MM, University of Tennessee, 2004
DMA, North Dakota State University, 2014

Shirley A. Mixon, EdD (1978)
Professor and Director, Interdisciplinary Studies
BS, Grambling State University, 1976
MS, Oklahoma State University, 1977
EdD, ibid., 1984

Jose Montalva, MS (2022)
Instructor, Biological and Environmental Sciences
BS, Pontificia Universidad Catolica de Valparaiso (Chile), 2005
MS, University of Oklahoma, 2021

Glenn Moore, EdD (2022)
Assistant Professor & Assessment Coordinator, Education
BS, Southwestern Oklahoma State University, 1993
MEd, Southwester Oklahoma State University, 1998
EdD, Oral Roberts Univeristy, 2012

Bruce Moring, PhD (2016)
Associate Professor, Biology
BS, Angelo State University, 1982
MS, Texas Tech University, 1984
MS, Angelo State University, 1986
PhD, University of North Texas, 1991

Houston Mount II, PhD (2008)
Professor, History and Native American Studies
BA, University of Tulsa, 1997
JD, University of Texas, 2000
MDiv, Princeton Theological Seminary, 2003
MA, Southern Methodist University, 2007
PhD, ibid., 2008

Robin Murphy, PhD (2007)
Professor, English and Languages
BA, Oklahoma State University, 1993
MEd, Northeastern State University, 2000
MA, ibid., 2003
PhD, Bowling Green State University, 2007

Dwight L. Myers, PhD (1993)
Professor and Chair: Chemistry/Physics
AGS, Kansas City Kansas Community College, 1975
BS, Wichita State University, 1977
MS, ibid., 1983
PhD, ibid., 1991

April Nesbit, PhD (2015)
Associate Professor, Biological and Environmental Sciences
BS, Texas Tech University, 2003
PhD, University of Wisconsin Madison, 2009

Debra S. Ollila, MS (2006)
Assistant Professor, Nursing
BS, East Central University, 2003
MS, University of Oklahoma Health Sciences Center, 2007

Jenna M. Owens, JD (2010)
Associate Professor, Politics, Law, and Society; Director, Legal Studies
BS, East Central University, 2006
JD, University of Oklahoma, 2009

Christyn Overstake, MFA (2019)
Assistant Professor, Art+Design: Media+Communication
BFA, Northern Arizona University, 2006
MFA, Texas A & M Corpus Christi, 2014

Christine Pappas, JD, PhD (2001)
Professor and Chair, Politics, Law, and Society
BA, University of Nebraska-Lincoln, 1992
MA, ibid., 1995

JD, University of Nebraska College of Law, 1997
PhD, University of Nebraska-Lincoln, 2002

Thomas M. Parr, MS (2011)
Assistant Professor, Professional Programs in Human Service; Criminal Justice Director, Collegiate Officer Program
BS, Southeastern Oklahoma State University, 1981
MS, East Central University, 1994
ABD, University of North Texas

Dale Powers, DBA (2016)
Instructor, Business Administration
BA, MidAmerica Nazarene University, 1985
MBA, Benedictine College, 2002

Jennifer Kaycee Powers, MSN (2016)
Instructor, Nursing
BSN, Washburn University, 1985
MSN, MidAmerica Nazarene University, 2015

Jason Prather, PhD (2001)
Associate Professor and Chair, Kinesiology
BS, Western Oregon University, 1997
MHR, University of Oklahoma, 2000
MEd, East Central University, 2016
PhD, Oklahoma State University, 2016

Vickie J. Reifsnider, MEd (2013)
Instructor, Performing Arts
BA, East Central University, 1994
BA, ibid., 1998
MEd, ibid., 1996

Robin R. Roberson, PhD (2014)
Associate Professor, Psychology
BS, East Central University, 1991
MEd, ibid., 2008
MEd, ibid., 2009
PhD, University of Oklahoma, 2014

Catherine M. Roring, PhD (2013)
Associate Professor, Psychology
BA, Texas A&M University, 2008
MS, Oklahoma State University, 2009
PhD, ibid., 2013

Steven Roring, PhD (2021)
Instructor, Psychology
MS, Oklahoma State University, 2008
PhD, ibid., 2008

Destany Schafer-Morgan, DSW (2016)
Assistant Professor and Field Director, Professional Programs in Human Services
BA, Wright State University, 2008
MSW, University of Cincinnati, 2013
DSW, University of Southern California, 2019

Brandi S. Schur, MiM, MLIS (2014)
Assistant Director & Librarian/Instructor
BA, East Central University, 2017
MiM, ibid., 2020
MLIS, Texas Woman's University, 2021

Tonnie Scott, MSN (2018)
Instructor, Nursing
BSN, East Central University, 2011
MSN, Western Governors University, 2017

Shelli K. Sharber, PhD (2012)
Associate Professor and Chair, Education
BA, Southern Nazarene University, 1993
MEd, East Central University, 2004
PhD, University of North Texas, 2012

Jodi Sipes, BS (2022)
Instructor, Nursing
BS, East Central University, 2015

Jennifer Snell, Phd (2012)
Instructor, Education; Director of Elementary Education
BA, East Central University, 1996
MEd, ibid., 1999

Nick Stowers, PhD (2016)
Assistant Professor, Kinesiology/Sports Administration
BS, East Central University, 2010
MEd, Southwestern Oklahoma State University, 2012
PhD, Oklahoma State University, 2018

Mara Sukholutskaya, EdD (1997)
Professor, English and Languages, Director, Global Education
BA, Kiev State University of Linguistics, 1972
MA, ibid., 1972
EdD, ibid., 1989

Gregory K. Sutton, PhD (2001)
Associate Professor, History and Native American Studies
BA, Oklahoma State University, 1985
MA, ibid., 1989
MA, University of California - Irvine, 1993
PhD, ibid., 2001

Mary Kay Tarver, MS (1998)
Assistant Professor, Computer Science
BS, East Central University, 1996
MS, University of Oklahoma, 2002

Darcy Tessman, PhD (2016)
Associate Professor, Human Development, Hospitality, and Food Science
BS, University of Nebraska, 1987
MA, Pacific Lutheran University, 1992
PhD, University of Arizona, 2016

Vladimir Ufimstev, PhD (2016)
Assistant Professor, Computer Science
BS, University of Nebraska, 2006
MS, Northeastern University, 2009
PhD, University of Nebraska, 2016

Mark Walling, PhD (1987)
Professor, English and Languages
BA, East Central University, 1985
MA, Oklahoma State University, 1987
PhD, ibid., 1994

George Wang, PhD (2016)
Assistant Professor, Biological and Environmental Sciences
BS, Texas Tech University, 1996
MS, ibid., 2001
PhD, University of Louisiana, 2007

Amy Ward, DSW (2016)
Assistant Professor, Professional Programs in Human Services
BSW, East Central University, 2007
MSW, University of Oklahoma, 2009
DSW, University of Southern California, 2019

Jacintha Webster (2020)
Assistant Professor, Legal Studies
BA, University of Oklahoma, 2012
JD, Oklahoma City University, 2016

Andrew Wells, PhD (2010)
Professor, Mathematics
BA, Hope College, 2005
PhD, Iowa State University, 2010

Dustin Williams, PhD (2016)
Assistant Professor, Psychology
BS, Southwestern Assemblies of God University, 2002
MS, Oklahoma State University, 2007
MA, Chicago School of Professional Psychology, 2009
PhD, ibid., 2016

Jeff S. Williams, PhD (1999)
Associate Professor, Kinesiology
BS, University of Oklahoma, 1996
MHR, ibid., 1999
PhD, ibid., 2011

Karen Williams, PhD (1988)
Professor, Physics
AA, Westark Community College, 1983
BS, Arkansas Tech University, 1985
MS, University of Arkansas, 1988
PhD, University of Oklahoma, 1998

Holli R. Witherington, MEd (2011)
Instructor, Professional Programs in Human Services, Director, Brandon Whitten Institute
BA, East Central University, 2004
MEd, ibid., 2008

Jamie Worthley, MA (2019)
Instructor, English
AA, Seminole State College, 2006
BA, East Central University, 2009
MA, University of Central Oklahoma, 2012

Professional Staff

Destini F. Anderson, MEd (2006)
Head Softball Coach
BS, Oklahoma Baptist University, 2001
MEd, Southwestern Oklahoma State University, 2003

Riley W. Bailey III, MEd (2009)
Head Coach Women's Soccer
BS, Oklahoma Christian University, 1995
MEd, East Central University, 1999

Stan Balch, MSHR (2010)
Director, Educational Opportunity Center
BS, University of Maryland, 1999
MSHR, East Central University, 2014

Mason Barker, BS (2018)
Residence Director, Housing and Residence Life
BS, Tarleton State University, 2018

Mitchelle Barton, (2022)
Academic Advisor/Concurrent Enrollment

Dana Belcher, MLIS (1997)
Library Director, Instructor
BS, East Central University, 1987
MLIS, University of Oklahoma, 1996

Shawna Case, MEd (2009)
Academic Advisor & Director of Native American Academic Services
BS, East Central University, 1990
MEd, ibid., 2004

Lindsay Christian, MEd (2017)
Infant Toddler Specialist, Child Care Resources & Referral
BA, University of Oklahoma, 2005
MEd, East Central University, 2021

Stephanie Cooper, MSHR (1995)
Admissions
AS, Eastern Oklahoma State College, 1992
BS, East Central University, 1995
MSHR, ibid., 1997

Yul Dotson, MSHR (1995)
Academic Coordinator, McNair Scholars Program
BS, East Central University, 1999
MSHR, ibid., 2005

John Engel, MHR (2018)
Program Coordinator, Veterans Upward Bound,
BS, East Central University, 1994
MHR, University of Oklahoma, 2008
U.S. Army (Ret)

Kody Everett, BS (2013)
Counselor, Financial Aid
BS, Oklahoma State University, 2012

Jessica A. Griffin, BA (2013)
Coordinator, Drug Free Communities
BA, East Central University, 2006

Cassie Haley, BS (2021)
Graduate Advisor
BS, East Central University

Kyle Hankins, BA (2018)
Assistant Men's Basketball Coach
BA, Morehead State University, 2006

Robert Hayes, BS (1997)
Facilities Coordinator/Motor Pool Director, University Center
BS, East Central University, 1993

Ashlee Heck, MSHR (2020)
Director, Recruitment
MSHR, East Central University, 2010

Katie Hill, MSHR (2011)
Upward Bound Project Coordinator and Database Manager
BS, East Central University, 2010
MSHR, ibid., 2013

Pam Hollowell (2006)
Interpreter, Interpreter Services Program
Level IV QAST Certification

Becky Isaacs, MSA (1984)
Director, Financial Aid
BS, East Central University, 2010
MSA, ibid., 2013

Vencent Johnson, MHRC (2017)
Director, Upward Bound 2
BS Ed, East Central University, 1985
MHRC, ibid., 1998

Jaxie A. Johnston, MS (2006)
Coordinator, Early Settlement - South Central
BS, East Central University, 2006
MS, ibid., 2010

Bryant Kelley, BS (2000)
Director, Mail and Printing Services
BS, East Central University, 1986

Ashtin Kinney, BA (2019)
Coordinator, Office of Institutional Effectiveness
BA, East Central University, 2017

Mark Kirkpatrick, MEd (2021)
Director, Wellness Center
BS, East Central University, 2014
MEd, East Central University, 2018

Mary A. LaMack, BS (2013)
Interim Director, Information Technology
BS, East Central University, 2014

Lisa M. Letellier (2013)
Assistant Health Director, Health Services

Buffy Lovelis, MSHR (2007)
Chief Operating Officer, ECU Foundation
BS, East Central University, 2005
MSHR, ibid., 2008

Rudy Paul Lupinski, BA (2012)
Staff Accompanist, Music
BA, East Central University, 1976

Leah Lyon, MEd (2005)
Director, Office of Sponsored Programs and Research
BS, East Central University, 1991
MEd, East Central University, 2009

Steven Martin, (2022)*Director, NASNTI REACHE Program*
BA, Oklahoma University, 1994
MS, South Dakota University, 2005

Ben Matlock, BS (2014)
Server Systems Analyst, Information Technology
BS, East Central University, 2011

Haley Matlock, PhD (2021)
Director, Academic Success Center
BS, Southeastern Louisiana University, 2012
MPA, Louisiana State University, 2015
Phd, Louisiana State University, 2021

Steve McBride, BS (2014)
Programmer Analyst, Information Technology
BS, East Central University, 1994

Wendy L. McKibben, MEd (2013)
Instructional Technology Designer, Center for Excellence in Teaching and Learning
BS, East Central University, 2001
MEd, ibid., 2014

Mary Meeks, MSHR (1995)
Director, Veterans Upward Bound
BS, East Central University, 1993
MSHR, ibid., 1998

Bert H. Miller, MSHR (2002)
Chief, East Central University Police Department
BS, East Central University, 2000
MSHR, ibid., 2004

Chandra Miller, MS (2019)
Director, Purchasing
AS, Seminole State College, 1989
BBA, Langston University, 1999
MS, Oklahoma State University, 2007

Scott O'Dell, MA (2013)
Director, Strength and Conditioning
BS, William Jewell College, 1997
BS, University of Central Missouri, 2000
MA, San Jose State University, 2002

Darryl Overstreet (2013)
Director, Physical Plant

Dannie Patton, MSHR (2002)
Director, Student Support Services
BA, East Central University, 1997
MSHR, ibid., 2005

Angel Patterson, BSW (2021)
Business Consultant Specialist, Child Care Resource and Referral
BSW, East Central University, 1997

Wanda Pierce, BS (2007)
Counselor, Educational Opportunity Center - Seminole
BS, Mid America Christian University, 2004

Melissa Price, MEd (2003)
Lead Interpreter, Coordinator of Interpreter Services Program
BA, East Central University, 2002
MEd, ibid., 2008
Level IV QA State Certification

Heather M. Robben, MS (2014)
Assistant Women's Basketball Coach
AA, Hutchinson Community College, 2010
BS, Emporia State University, 2012
MS, ibid., 2014

Kim Rogers, MEd (2010)
Director, Testing and Accessibility Services
BS, East Central University, 2000
MEd, ibid., 2013

Kirk Rushing, MSHR (1998)
Counselor, Educational Opportunity Center - Ardmore
BA, East Central University, 1994
MSHR, ibid., 2003

Leena Rudolph, BS (2018)
Director of Residence Life, Housing and Residence Life
BS, East Central University, 1991

Steve Sawyer, MEd (2007)
Head Men's and Women's Cross Country and Track & Field Coach
BSEd, East Central University, 2005
MEd, ibid., 2007

Marcus Smith, BS (2009)
Academic Technology Specialist, Information Technology
BS, East Central University, 2017

Chester Standridge, MS (2008)
Assistant Director, Financial Aid
BA, Northeastern State University, 1995
MS, ibid., 1997

Georgiana Sullivan, MEd (2017)

Child Care Consultant, Child Care Resource and Referral
BA, East Central University, 1995
MEd, ibid., 2008

Brian L. Tessman, BS (2017)
Associate Registrar, Office of Admissions and Records
BS, University of Nebraska, 1988

Rob W. Thompson, BS (2005)
Coordinator for Enterprise Computing
BS, East Central University, 2005

Lindsey Tilley, BS (2006)
Director, Safety Training and Technical Assistance for Administrators, Boards, and Law Enforcement (STAABLE)
BS, East Central University, 2003

Kimberly A. Walker, BS (2014)
Counselor/Customer Service Specialist, Financial Aid
BS, East Central University, 2008

Bethany Walling, BA (2012)
Grants Specialist, Sponsored Programs and Research
BA, East Central University, 2006

Zac Watson, BS (2021)
Programmer Analyst
BS, East Central University, 2021

Mary Weddle, BS (2008)
Director, Developmental Disabilities
BS, East Central University, 1995

Royanna Willis (2022)
Academic Adviser/Retention Specialist
BA, East Central University

Travis Wilson (2010)
Assistant Director, Facilities Management

Susan Youngblood, MS (2016)
Director, Career Development Center
BS, University of Oklahoma, 2000
MS, East Central University, 2003

Support Staff

Larame Adams
Police Officer, ECU Police Department

Sam Baker, MA (2010)
Digital Services Assistant, Linscheid Library

Jill Ballard, (2019)
Academic Advisor, Academic Success Center

Rain Bear, BS (2014)
Project Assistant Coordinator, DD Training Grant

Merianne Biles, MS (1996)
Office Manager, Upward Bound Math & Science Program

Weston Blaine, BA (2019)
Purchasing Assistant, Office of Purchasing

Moriah Briscoe (2022)
Records Specialist

Twilla Brown (1994)
Storeroom/Shipping & Receiving Clerk, Facilities Management

Carla M. Buchanan, BA (2014)
Administrative Assistant, Student Development

Tanner Capps, BFA (2017)
Creative Specialist, Marketing

Kaylie J. Coleman, BA (2013)
Technical Services Assistant, Linscheid Library

Kenda Daniel, BA (2014)
Administrative Assistant to VP Administration & Finance

Tina Essary (2004)
Payroll Clerk, Employment Services

Matthew Geisler (2022)
Interpreter

Patrick W. Hicks, BA (2013)
Assistant Registrar & School Certifying Official

Glen D. Jones, MSHR (2006)
Patrolman, ECU Police Department

Rhonda Kinder (1994)
Payroll Clerk, Employment Services

V. Kimberley Lofton, AGS (2015)
Operator, Switchboard

Penny McCain (2016)
Senior Admissions Counselor, Office of Admissions and Records

Elizabeth McDowell, BA (2021)
Technicial Assistant, Academic Affairs

Sheri G. Miller, BS (2012)
Coordinator, STTAABLE Campus Program

Fletta Milner (1990)
Accounting Clerk, Controller's Office

Stephanie Moss (2013)
Grant Accountant, Controller's Office

Haley Monroe, BA (2021)
Public Services Assistant, Linscheid Library

Kelly Payne (2014)
Dean's Secretary, College of Health and Sciences

Melody E. Pedersen, BS (2008)
Academic Counselor, Education Opportunity Center

Janet Poole (2011)
Bursar

Brandon Prine (2021)
Collection Services Assistant, Linscheid Library

Marcella Ramos (2022)
Transfer Credit Specialist

Krystyan Ramey, MEd (2016)
Wellness Center / Esports Program Coordinator

Julie M. Ray (2021)
Administrative Assistant, Offices of the President & Provost

Debra Reed, BS (2019)
Dean's Secretary, College of Liberal Arts and Social Sciences

Amy Ross, AA (2016)
Pontotoc Co. Project Aware Grant Coordinator, Brandon Whitten Institute

Jessica Sanchez (2017)
Office Manager, McNair Program

Dennis W. Smith, BA (2008)
Patrolman, ECU Police Department

Tiffany Smith, MSHR (2013)
Accommodation Specialist, Office of Testing & Accessibility Services

Jared B. Stewart, BS (2014)
Help Desk Manager, Information Technology

Charlan Towsley, AAS (2019)
Administrative Assistant, Offices of the President & Provost

Chandler Williams (2022)
Dean's Secretary, School of Graduate Studies

Donna Wood, BS (1998)
Cashier, Bursar's Office

Emeriti

Richard Alford, PhD (1982-2015)
Professor and Chair, Sociology
BA, University of Wyoming, 1974; MA, University of Pittsburgh, 1979
PhD, ibid., 1979

Farooq Ali, PhD (1993-2008)
Assistant Professor, Library
BA, Osmania University, 1968; BLSC, ibid., 1971; MLS, Emporia State University, 1975; PhD, Texas Women's University, 1992

Kelley Alig, EdD (1997-2016)
Associate Professor
BME, Central State University, 1976; MME, University of Oklahoma, 1983; EdD, Arizona State University, 1992

Duane C. Anderson, PhD (1990-2015)
Provost and Vice President for Academic Affairs and Professor of History
AA, Bismarck Junior College, 1966; BSEd, University of North Dakota, 1968; MA, ibid., 1970; PhD, University of Oklahoma, 1976

Pamla Armstrong, MSHR (1980-2014)
Director of Admissions and Records/Registrar
BS, East Central University, 1986; MSHR, ibid., 1989

Curtiss J. Baker, MEd, CPA (1970-1998)
Vice President for Fiscal Affairs and Auxiliary Enterprises
BSEd, East Central University, 1959; MEd Southeastern State College, 1969

Sherry Shiplet Barnes, MPH (1976-2005)
Department of Health Information Management
BS, East Central University, 1976; MPH, University of Oklahoma Health Sciences Center, 1982

Charles Barrick, EdD (1971-1999)
Department of Education
BS, Kansas State College, 1963; MS, ibid., 1968; EdD, Texas A&M University, 1980

Scott Barton, PhD (1993-2023)
Professor, History
BA, Marshall University, 1983
MA, Texas A&M University, 1987
PhD, ibid., 1991

Michael D. Bay, PhD (1995-2023)
Professor and Chair, Biology
BS, Cameron University, 1984
MA, Sam Houston State University, 1987
PhD, University of Arkansas, 1994

John Bedford, EdD (1997-2013)
Professor, Education
BS, West Texas State, 1969; MS, ibid., 1972; EdD, Baylor University, 1995

Rosemarie A. Benya, PhD (1980-2008)
Department of English and Languages and Adolph Linscheid Distinguished Teaching Professor
BA, Notre Dame College, 1964; MA, Middlebury College, 1968; PhD, Ohio State University, 1980

Charles Biles, PhD (1993)
Professor, Biology
BS, Stephen F. Austin State University, 1980
MS, Colorado State University, 1984
PhD, Texas A&M University, 1988

Laura Bixler, PhD (1998-2017)
Professor, Education
BSEd, Southwestern Oklahoma State University, 1980; MEd, University of Central Oklahoma, 1983; PhD, University of Oklahoma, 1998

Patrick O. Bohan, PhD (2002-2018)
Professor, Environmental Health Science
BA, Lehigh University, 1971; MS, University of Rhode Island, 1974; MS, University of Cincinnati, 1983; PhD, University of Oklahoma Health Sciences Center, 2007

Carol J. Bridges, PhD (1978-2013)
Professor, Human Resources and Adolph Linscheid Distinguished Teaching Professor
BA, Central State College, 1968; MSW, University of Oklahoma, 1975; PhD, Oklahoma State University, 1989

Phillip D. Briggs, MA (1965-1998)
Department of Mathematics
BS, University of Oklahoma, 1959; MA, ibid., 1963

Elmer Ray Brown, EdD (1961-2000)
Department of Biology
BS, Southeastern State College, 1957; MS, Oklahoma State University, 1959; EdD, ibid., 1974

James W. Burke, Jr., PhD (1978)
Professor and Chair, Human Resources and Col. Tom A. Thomas Endowed Chair in Human Resources
BA, University of Tulsa, 1972;MSW, Our Lady of the Lake University, 1976; PhD, Oklahoma State University, 1989

John J. Burke, PhD (1980)
Professor, Psychology
BA, Fairfield University, 1967
MA, West Virginia University, 1969
PhD, ibid., 1975

Burt K. Burns, EdD (1969-1996)
Department of Mathematics
BS, Oklahoma State University, 1957; MS, ibid., 1958; EdD, ibid., 1965

Clyde E. Butler, EdD (1966-1991)
Department of Biology
BS, Southeastern State College, 1953; MEd, University of Oklahoma, 1957; MNS, ibid., 1963; EdD, Oklahoma State University, 1967

Janna Byrd, EdD (1978-2018)
Associate Professor, Human Resources
BS, East Central University, 1978; MS, ibid., 1986; CSC National Registry of Interpreters for the Deaf, 1985; Level V QA State Certification; EdD, Oklahoma State University, 2009

Clay B. Carley III, MS (1999-2016)
Assistant Professor, Mathematics and Computer Science
BA, Sonoma State College, 1970; MS, Renssalaer Polytechnic Institute, 1997

Martha Chandler, MS (1994-2005)
Department of Nursing
BS, East Central University, 1974; MS, University of Oklahoma, 1992

William C. Chapman, PhD (1971-1995)
Department of Accounting
BS, University of Tulsa, 1966; MA, University of Florida, 1967; PhD, University of Oklahoma, 1982

Nicholas J. Cheper, PhD (1980-2015)
Professor and Chair, Biology
BS, University of Notre Dame, 1971; MA, SUNY at Stony Brook, 1974; PhD, University of Tennessee, 1979

Larry L. Choate, PhD (1995-2016)
Professor, Biology and Adolph Linscheid Distinguished Teaching Professor
BS, Cameron University, 1971; BS, ibid., 1986; MS, Midwestern State University, 1988; PhD, Texas Tech University, 1991

Terry Cluck, PhD (1990-2016)
Professor, Biology
BS, Southwestern Oklahoma State University, 1972; MA, Baylor University, 1976; PhD, Texas A&M University, 1985

Wayne Cobb, MEd (1978-2003)
Department of Health, Physical Education, and Recreation
BSEd, Southeastern State College, 1965; MEd, ibid., 1968

Rebecca Compton, EdD (1979-2014)
Professor, Education
BSEd, University of Oklahoma, 1973; MEd, East Central University, 1980; EdD, University of Oklahoma, 1995

Allen Correll, DMA (2003-2018)
Associate Professor, Music, Director of Bands
BME, University of Central Oklahoma, 1974; MME, ibid., 1984; DMA, University of Oklahoma, 2009

Thomas Cowger, PhD (1994-2019)
Professor, History and Chickasaw Nation Endowed Chair in Native American Studies
BA, Purdue University, 1980; MA, ibid., 1989; PhD, ibid., 1994

Arlie V. Daniel, PhD (1981-2010)
Professor, Communication and Adolph Linscheid Distinguished Teaching Professor
AA, Iowa Lakes Community College, 1963; BA, Morningside College, 1965; MA, University of Iowa, 1978; PhD, University of Nebraska-Lincoln, 1981

Victoria A. Dansby, PhD (1989-2014)
Program Coordinator: Dance and Professor, Communication Department
BA, University of California - Riverside, 1974; MA, California State University-Fullerton, 1976; PhD, University of Oklahoma, 1998

Anne Walendy Davis, PhD (1987-2016)
Professor and Director, School of Nursing
AA, Southeast Missouri State University, 1973; BS, ibid., 1974; MSN, University of Central Arkansas, 1980; PhD, Texas Woman's University, 1992

Kevin M. Davis, PhD (1987-2015)
Professor, English and Languages and Director, Writing Center
BA, Southeast Missouri State University, 1973; MA, ibid., 1976; PhD, Indiana University of Pennsylvania, 1990

Bobby Dennison, EdD (1968-1995)
Department of Industrial Education & Technology
BS, East Texas State University, 1959; MEd, ibid., 1963; EdD, Texas A&M University, 1970

Dan Denny, EdD (1999-2010)
Associate Professor, Human Resources
AA, Eastern Oklahoma State College, 1988; BA, East Central University, 1994; SHR, ibid., 1996; EdD, Oklahoma State University, 2006

Sandra A. Dixon, MEd, MCEd (1985-2010)
Assistant Professor and Director, Health Information Management
BS, Texas Woman's University, 1976; MCEd, Reformed Theological Seminary, 1981; MEd, University of Central Oklahoma, 1993

Mickle Duggan, EdD (1983-2010)
Acting Chair and Professor, Mathematics
BS, Central State University, 1981; MS, Oklahoma State University, 1983; EdD, ibid., 1999

Linda Dyer, MS (1974-2006)
Assistant Professor, Department of Human Resources
BA, East Central Oklahoma State University, 1981; MS, ibid., 1984; CSC National Registry of Interpreters for the Deaf, 1978; graduate study, University of Oklahoma, 1989-1991

Randal R. Elston, EdD (1989-2009)
Professor, Human Resources
BA, East Central University, 1976; MS, Oklahoma State University, 1977; EdD, ibid., 1981

Sue E. Fathree, MEd (1965-1986)
Department of Speech-Theatre-Communication
BAEd, East Central State College, 1957; MEd, University of Alaska, 1963; graduate study, University of Oklahoma, 1974-79

Robert E. Feighner, MS (1979-2004)
Director, Computer Services
BS, Michigan State University, 1968; MS, University of Notre Dame, 1971; graduate study, Indiana University, 1973-74, 1977; University of Notre Dame, 1976, 1978; Central State University, 1981, 1983

Anne Fine, PhD (1995-2013)
Professor, Mathematics
BS, Central State University, 1974; MS, Oklahoma State University, 1978; PhD, University of Oklahoma, 1995

Eldon D. Flinn, MEd (1982-1991)
Department of Health & Physical Education
BSEd, East Central State College, 1961; MEd, ibid., 1977

Deborah Flowers, PhD (1993-2014)
Professor, Program Coordinator, ECU at SOSU Nursing Program
ADN, Murray State College, 1973; BS, East Central University, 1989;

MS, Texas Woman's University, 1991; PhD, ibid., 1998

Billie Jean Floyd, MEd (1958-1984)
Department of Health & Physical Education
BSEd, East Central State College, 1951; MEd, University of Oklahoma, 1956

Patrick D. Fountain, DBA (1988-91, 1993-95, 2001-2016)
Professor, Business Administration and S.C. Boswell Endowed Professor
BS, East Central University, 1980; MS, University of Queensland, 1988; MHRS, Louisiana Tech University, 1993; DBA, ibid., 1999

Usha Fountain, PhD (2001-2023)
Professor, Psychology
BA, University of the South Pacific, 1981
MEd, University of Queensland, 1990
PhD, ibid., 1995

Beverly Fraser, PhD (1985-1998)
Department of Human Development, Hospitality, and Food Science
BS, Delta State University, 1961; MA, University of Mississippi, 1969; PhD, Saint Louis University, 1985

Jeffrey D. Frederick, MM (1966-1998)
Department of Music
BME, Southwest Texas State College, 1962; MM, North Texas State University, 1967

Judy Goforth Parker, PhD (1985-2009)
Professor, Nursing
BS, East Central University, 1976; MS, University of Oklahoma, 1983; PhD, Texas Woman's University, 1992

Robert W. Greenstreet, EdD (1984-2013)
Professor, Communication Studies and Director of Forensics
BA, The University of the Pacific, 1971; MA, Western Washington University, 1974; EdD, Oklahoma State University, 1996

Richard A. Groetzinger, PhD (2008-2020)
Associate Professor, Communication and Performance Studies, Director of Theatre
BA, Mount Union College, 1973; MA, University of Akron, 1976
PhD, Bowling Green University, 1984

Constance Hall, MS (1988-2002)
Department of Accounting
BA, University of Delaware, 1968; MS, Florida State University, 1970

Delma L. Hall, PhD (1986-2010)
Assistant Vice President for Academic Affairs and Associate Professor, Communication
BAEd, East Central University, 1968; MA, University of Oklahoma, 1983; PhD, ibid., 2002

Troy Ray Hamlett, PhD (1981-2005)
Department of Mathematics
BA, Arkansas College, 1971; MS, University of Arkansas, 1973; PhD, ibid., 1975

John R. Hargrave, JD (2009-2017)
President
BA, East Central University, 1977; JD, University of Oklahoma College of Law, 1980

Ben W. Harper, PhD (1975-2012)
Professor, Education
BAEd, Northeastern State College, 1971; MEd, ibid., 1973; PhD, University of Oklahoma, 1975

James Harris, PhD (1965-1999)
Department of History
BA, Baylor University, 1956; MA, University of Texas, 1961; PhD, University of Oklahoma, 1971

Joanna Harris-Young, PhD (1990-2021)
Professor, Psychology, CEP Graduate Program Coordinator
BA, University of Oklahoma, 1982; MA, University of Houston, 1986; PhD, University of Oklahoma, 1990

William Heitland, EdD (1979-2016)
Professor, Psychology and Adolph Linscheid Distinguished Teaching Professor
BS, Ohio State University, 1970; MS, St. Francis College, 1974; EdD, Ball State University, 1977

Joe Hendrix, MS (2001-2011)
Instructor, Nursing
BS, East Central University, 1999; MS, University of Oklahoma Health Sciences Center, 2004

James F. Herndon, MA (1966-1997)
Department of Computer Science
BS, Southwest Missouri State College, 1959; MA, University of Oklahoma, 1961

Starla Hibler, DMA (1991-2013)
Professor, Music
BM, Illinois Wesleyan University, 1981; MM, University of North Texas, 1983; Vienna Conservatory of Music, Austria, 1983-84
DMA; University of North Texas, 1990

Edward L. Hobbs, MT (2008-2013)
Assistant Professor, Accounting and Horne & Company Endowed Professor
AS, Santa Barbara City College, 1970; BS, East Central University, 1988; MT, University of Denver, 1990

Eugene Hobbs, PhD (1985-1996)
Department of Mathematics
BSEd, East Central State College, 1962; MT, ibid., 1963; MS, University of Notre Dame, 1966; PhD, University of Wisconsin-Madison, 1975

Mark S. Hollingsworth, DMA (1986-2016)
Dean, College of Liberal Arts and Social Sciences and Professor of Music
BM, University of the Pacific, 1976; MM, University of Wisconsin - Madison, 1978; DMA, University of North Texas, 1989

Susan Hudgins, MBA (2002-2013)
Assistant Professor, Business Administration
AS, Seminole State College, 1996; BS, East Central University, 1998; MBA, Oklahoma City University, 2000; ABD, Nova Southeastern, 2010

Eril Hughes, PhD (1986-2023)
Professor, English and Languages
BA, Hendrix College, 1974
MAT, Vanderbilt University, 1975
PhD, University of Arkansas, 1987

Phyllis Isaacs, PhD (2009-2022)
Dean, Associate Professor, Education
BA, East Central University, 1998
MEd, East CEntral University, 2005
PhD, Oklahoma University, 2009

Kurt H. Jackson, PhD (1982-2009)
Associate Professor, Business Administration, Director, Institutional Research

BS, Oklahoma State University, 1969; MS, ibid., 1977; PhD, ibid., 1984

Pamela Jackson, EdD (1988-2014)
Associate Professor, Business Administration
BA, College of New Jersey, 1974; MS, Oklahoma State University, 1982; EdD, ibid., 1990

F. Bradley Jessop, EdD (1990)
Professor and Director, School of Fine Arts
BFA, Emporia State University, 1981
MA, ibid., 1983
EdD, Oklahoma State University, 2000

Raymond Johnson, MAS (2000-2003)
Vice President for Fiscal Affairs
BS, East Central University, 1971; MAS, Southeastern Oklahoma State University, 1984

Charlie C. Jones, JD (1986-2023)
Professor, Business Administration, Frank Crabtree Sr. Family Endowed Professor of Business Policy
BBA, University of Oklahoma, 1982
MBA, ibid., 1986
JD, ibid., 1986

Davis D. Joyce, PhD (1987-2002)
Department of History
BS, Eastern New Mexico University, 1961; MA, New Mexico State University, 1963; MDiv, Meadville/Lombard Theological School, 1986; PhD, University of Oklahoma, 1968

Charles R. Kelly, PhD (1966-1994)
Department of Cartography/Geography
BA, University of Colorado, 1957; MA, ibid., 1963; MAT, Indiana University, 1965; PhD, University of Oklahoma, 1971

Harrel Kennedy, MEd (1990-2005)
Institutional Advancement
BS, University of Oklahoma, 1964; MEd, Central State University, 1968

Marvin E. Kroeker, PhD (1966-1993)
Department of History
BA, Tabor College, 1950; MA, University of Oklahoma, 1954; PhD, ibid., 1967

Adrianna Lancaster, PhD (2003-2021)
Associate Provost, Dean, School of Graduate Studies; Associate Professor of Education
BA, East Central University, 1990, MLS, Texas Woman's University, 1992, PhD, ibid., 1997

Thomas W. Lanis, PhD (1997-2017)
Associate Professor, Business Administration
BS, Oklahoma State University, 1977; MBA, ibid., 1987; PhD, ibid., 2004

Douglas L. Laramore, DMA (1977-2005)
Department of Music
BME, West Texas State University, 1974; MM, ibid., 1975; DMA, University of Oklahoma, 1990

Victor E. Lindsey, PhD (1977-2003)
Department of English and Languages
BS, Millsaps College, 1971; MA, University of Southern Mississippi, 1975; PhD, University of Arkansas, 1982

Carlotta Lockmiller, PhD (1976-2004)
Department of Human Resources
BA, Tulane University, 1963; MA, University of Pennsylvania, 1964; MPH, University of Oklahoma, 1992; PhD, University of South Carolina, 1995

R. Sterling Lynd, PhD (1977-2013)
Associate Professor, Psychology
BA, University of North Texas, Denton, 1969; MA, ibid., 1971; PhD, ibid., 1976

George Mann, EdD (1976-1993)
Department of Education
BSEd, East Central State College, 1963; MT, ibid., 1968;
EdD, Oklahoma State University, 1974

Linda C. Massey, EdD (1999-2016)
Professor and Adolph Linscheid Distinguished Teaching Professor, Human Resources
BA, California State University - Stanislaus, 1985; MS, California State University - Sacramento, 1988; EdD, Oklahoma State University, 2003

William McClure, PhD (1991-2001)
Department of Political Science
AB, University of Illinois, 1954; AM, ibid., 1955; PhD, ibid., 1960

Wayne McElhannon, BA (1995-2011)
Director, Collegiate Officer Program
BA, East Central University, 1975; Graduate FBI National Academy, 1979

Mary McGraw, PhD (1964-1985)
Department of English & Languages
BA, East Central State College, 1947; MA, University of Oklahoma, 1954; PhD, Oklahoma State University, 1979

Ronald Miller, MEd (1978-2006)
Department of Health, Physical Education and Recreation, Women's Softball Coach
BS, Cameron University, 1973; MEd, East Central University, 1978

James A. Moore, PhD (1967-1994)
Department of English & Languages
BSEd, University of North Texas, 1965; MA, ibid., 1967; PhD, Oklahoma State University, 1982

Lucile Morse, EdD (1963-1990)
Department of English & Languages
BS, Oklahoma A & M College, 1952; MT, East Central State College, 1962; EdD, Oklahoma State University, 1971

Douglas R. Nelson, PhD (1977-1995)
Division of Arts & Letters Chair, Department of Music
BM, University of Colorado, 1958; MA, Stanford University, 1959; PhD, University of North Carolina - Chapel Hill, 1971; graduate study, University of Oslo, Norway, 1959; University of Vienna, Austria, 1959-60

Robert L. Neman, PhD (1979-2006)
Department of Chemistry
BSEd, University of Texas, 1965; MA, Southwest Texas State College, 1966; PhD, North Texas State University, 1972

Robert Newcomer, PhD (2002-2015)
Associate Professor, Cartography and Geography
BA, Texas Christian University, 1974; MA, ibid., 1981; PhD, University of Cincinnati, 1996

Preston O'Neal, MT (1960-1990)
Department of Health, Physical Education, and Recreation
BBA, University of Oklahoma, 1956; MT, East Central State College, 1965

Willie D. Osborne Jr., EdD (1992-2011)
Dean, College of Education and Psychology and Professor of Education
BAEd, East Central University, 1970; MEd, ibid., 1973; EdD, University of Oklahoma, 1987

Lewis Parkhill, PhD (1991-2007)
Department of English & Languages
BA, University of Oklahoma, 1966; MA, ibid., 1968; PhD, University of Texas at Austin, 1987

Jack Paschall, EdD (1970-2009)
Professor, Education and Adolph Linscheid Distinguished Teaching Professor
BA, Southeastern State College, 1965; MT, ibid., 1967; EdD, University of Oklahoma, 1970

Fredric M. Patrizi, PhD (1978-2008)
Professor, Psychology
BS, Lamar University, 1971; MA, Stephen F. Austin University, 1975; PhD, Texas Tech University, 1979

Robert A. Payne, PhD (1966-1997)
Department of Communication
BA, Oklahoma Baptist University, 1953; BD, SW Baptist Theological Seminary, 1957; PhD, University of Oklahoma, 1970

Charles Peaden, PhD (2001)
Associate Professor, Politics, Law, and Society
BA, Oklahoma State University, 1994
MA, ibid., 1997
PhD, ibid., 2006

Martha Pennington, EdD (2005-2015)
Associate Professor, Education
BA, Wayne State College, 1973; MEd, University of Houston -Victoria, 1996; EdD, Texas A&M - Kingsville, 2002

Charles Perry, PhD (1991-2004)
Director, Library
BA, University of Oregon, 1963; MA, ibid., 1967; MA, University of Minnesota, 1976; PhD, University of Oregon, 1971

Theodore Peshehonoff, MA (1999-2016)
Instructor, Communication and Performance Studies
BA, Northeastern State University, 1982; MA, Oklahoma State University, 1984

Dean Peterson, JD (1993-2007)
Department of Legal Studies Program
BS, University of Oklahoma, 1974; JD, Oklahoma City University, 1977

Marc Petrowsky, PhD (1991)
Professor, Politics, Law, and Society
BA, Southwestern State College, 1970
MA, University of Florida, 1971
PhD, ibid., 1975

Gregory A. Plumb, PhD (1999-2018)
Professor, Cartography and Geography
BS, Central Michigan University, 1978; MS, University of Idaho, 1981; MPhil, University of Kansas, 1986; PhD, ibid., 1988

John Price, EdD (1987-2003)
Department of Education
BSE, University of Central Arkansas, 1961; MA, Arizona State University, 1966; EdD, University of Southern California, 1971

Richard Putnam, PhD (1992-2013)
Associate Professor, Psychology
BS, North Texas State University, 1972; MEd, ibid., 1973; PhD, Texas A&M University, 1985

Ray Quiett, PhD (1964-1997)
Division of Social Sciences, Department of Sociology
BA, Baylor University, 1956; BD, SW Baptist Theological Seminary, 1959; MA, University of Oklahoma, 1967; MDiv, SW Baptist Theological Seminary, 1968; PhD, Oklahoma State University, 1977

Morris D. Reed, MBA (1975-1994)
Department of Business Administration
BS, Oklahoma State University, 1967; MBA, University of Hawaii, 1970

Kathleen Rivers, MFA (2000-2013)
Associate Professor of Art
BFA, Columbus College of Art and Design, 1978; MFA, University of South Carolina, 1986

Nedra C. Sears, EdD (1985-2004)
Department of Education
BA, University of California, 1972 ; MA, University of Tulsa, 1981; EdD, ibid., 1984

Regina Robertson, PhD (1990-2020)
Professor and Chair, Professional Programs in Human Services
BA, East Central University, 1976; MS, Oklahoma State University, 1979; PhD, University of Oklahoma, 2004

Teresa Rothrock, PhD (2003-2016)
Associate Professor, English and Languages, Director, Assessment
BA, East Central University, 1990; MEd, ibid., 2000; PhD, University of Oklahoma, 2008

Carl T. Rutledge, PhD (1981-2018)
Professor and Co-Chair, Physics, Adolph Linscheid Distinguished Teaching Professor
BS, University of Arkansas, 1966; MS, ibid., 1969; PhD, ibid., 1971

David Schallhorn, MFA (1969-1999)
Department of Communication
BSEd, Wisconsin State University, Whitewater, 1962; MFA, University of Oklahoma, 1970; graduate study, ibid., 1973

William J. Schutter, PhD (1982-1996)
Department of Human Resources
BA, Washburn University, 1966; MSW, University of Utah, 1970; PhD, Kansas State University, 1982

E. Frank Shanklin, MS (1977-1998)
Department of Human Resources
BA, Central State College, 1968; MS, Oklahoma State University, 1977; graduate study, ibid., 1978-85

Ralph Sharp, EdD (1983-2013)
Associate Professor, Education
BA, Lawrence University, 1972; MA, University of Missouri, 1973; EdS, ibid., 1979; EdD, ibid., 1982

Brenda Sherbourne, EdD (1998-2020)
Acting Provost and Vice President for Academic Affairs
BSEd, East Central University, 1984; MEd, Oklahoma State University, 1988; EdD, ibid., 1994

W. Harold Skinner, EdD (1979-1998)
Department of Human Resources
BAEd, East Central State College, 1961; MT, ibid., 1963; EdD, Oklahoma State University, 1975

John H. Smith, MA (1979-2000)
Department of Health, Physical Education, and Recreation
AA, Lewis-Clark State College, 1960; BA, University of Northern Colorado, 1963; MA, Adams State College, 1970

Weldon Smith, MBA (1980-2004)
Department of Business Administration
BS, University of Oklahoma, 1970; MBA, ibid., 1972; graduate study, University of Oklahoma, 1972-75

Jerry D. Snow, MEd (1976-2004)
Dean of Students
BS, East Central University, 1971; MEd, ibid., 1976; graduate study, University of Oklahoma, 1987-90

Sherill L. Spaar, PhD (1981-2006)
Department of History
BA, University of Colorado, 1968; MA, Brandeis University, 1970; PhD, University of Colorado, 1981

Francis Stackenwalt, PhD (1989-2008)
Department of History
BA, University of Oklahoma, 1968; MA, University of Illinois, 1970; PhD, ibid., 1976

Eric K. Steger, PhD (1970-2008)
Department of Business Administration
BS, Stephen F. Austin State University, 1968; MS, East Texas State University, 1970; PhD, Louisiana Tech University, 1980

Carl Gene Stephenson, PhD (1965-1990)
Vice President for Academic Affairs, Dean of Instruction
BS, University of Oklahoma, 1959; MNS, ibid., 1964; PhD, ibid., 1972

Shirley Talley, PhD (1983-2005)
Assistant Vice President for Academic Affairs, Department of Communication
BS, Phillips University, 1973; MS, ibid., 1975; PhD, University of Oklahoma, 1994

Carolyn Thomas, EdD (1998-2013)
Professor, Education
BS, Oklahoma State University, 1971; MS, ibid., 1992; EdD, ibid., 2000

Nancy Thomason, MS (1979-2005)
Executive Director, Center of Continuing Education and Community Services
BA, Ohio State University, 1970; MS, St. Francis College, 1974

Rahmona Thompson, PhD (1991-2017)
Professor, Biology
BS, University of Oklahoma, 1978; MS, ibid., 1981; PhD, Oklahoma State University, 1988

Hugh Tribbey, PhD (1995-2018)
Assistant Professor, English and Languages
BA, Phillips University, 1978; MAT, Oklahoma City University, 1982; MA, Midwestern State University, 1990; PhD, Oklahoma State University, 1996

Alvin O. Turner, PhD (1997-2006)
Dean, School of Humanities and Social Sciences; Acting Dean, School of Graduate Studies
BA, University of Central Oklahoma, 1968; MA, Central Missouri State University, 1970; PhD, Oklahoma State University, 1977

Henry R. Walbrick, MEd (1980-2006)
Assistant Athletic Director for Compliance, Department of Health, Physical Education, and Recreation
BSEd, East Central University, 1976; MEd, ibid., 1977

Anita M. Walker, PhD (1983-2015)
Professor, Mathematics
BS, Southern Methodist University, 1978; BA, ibid., 1978; MA, University of Oklahoma, 1980; PhD, ibid., 1983

Billy Walker, PhD (1983-2009)
Professor and Chair, Computer Science, Adolph Linscheid Distinguished Teaching Professor
BS, West Texas State University, 1968; MS, Texas Tech University, 1970; PhD, ibid., 1974

Steven Walker, PhD (1983)
Professor, Performing Arts; Adolph Linscheid Distinguished Teaching Professor; Director, Choral Activities
BME, Arkansas State University, 1975
MME, North Texas State University, 1978
PhD, ibid., 1986

Allene Warren, PhD (2000-2010)
Associate Professor, Education, Director of Student Teaching
BS, East Central University, 1979; MEd, ibid., 1977; PhD, University of Oklahoma, 2003

Diana Watson-Maile, EdD (1989-2014)
Professor and Chair, Human Development, Hospitality, and Food Science
BS, East Central University, 1979; MS, Central State University, 1984; EdD, Oklahoma State University, 1994

M. L. Bruce Weems, PhD (1972-2014)
Dean, College of Health and Sciences and Professor of Physics Director, Title III (Strengthening the Culture)
BSEd, Emporia State University, 1967; MS, ibid., 1969; PhD, Oklahoma State University, 1972

Douglas Weirick, PhD (1993-2019)
Professor and Chair, Environmental Health Science
BGS, University of Kansas, 1980; BS, ibid., 1980; MS, ibid., 1987
PhD, University of Oklahoma, 1995

Reubin M. Wigdor, PhD (1971-2002)
Department of Psychology
BS, Fairleigh Dickinson University, 1964; MA, ibid., 1968; PhD, University of Oklahoma, 1971

Gerald Williamson, PhD (1978-2007)
Assistant Vice President for Advancement
AA, New Mexico Junior College, 1968; BBA, Eastern New Mexico University, 1970; MBA, ibid., 1971; PhD, University of Oklahoma, 1985

Patricia Yarbrough, PhD (1987-2012)
Professor, English & Languages, Director, Honors Program
BS, Oklahoma Baptist University, 1979; MA, Arizona State University, 1982; PhD, ibid., 1987

John Yozzo, PhD (1987-2010)
Professor, English and Languages
BS, University of Tulsa, 1975; MA, ibid., 1978; PhD, ibid., 1985

Hongkai Zhang, DBA (2000)
Professor, Business Administration
BS, Beijing Normal University, 1982
MA, Nankai University, 1986
MBA, Indiana University of Pennsylvania, 1993
DBA, Louisiana Tech University, 1999



SECTION XII

COURSE DESCRIPTIONS

(Listed by Department then Prefix then Course Number)

Courses in Accounting

ACCT 2003 Financial and Managerial Accounting for Non-Business Majors
3 hours--This course provides a survey of accounting concepts and procedures that will enable students to be informed users of financial information in a business setting. This course may not be substituted for ACCT 2103 Financial Accounting or ACCT 2203 Managerial Accounting.

ACCT 2103 Financial Accounting ■
3 hours--The study of concepts and procedures for preparation of general purpose financial statements using generally accepted accounting principles.

ACCT 2203 Managerial Accounting
3 hours--Prereq.: A grade of C or higher in ACCT 2103. Managerial accounting concepts and objectives; planning and control of sales and costs; analysis of costs and profits for management decision making.

ACCT 2881-4 Special Studies in Accounting (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

ACCT 3203 Cost Accounting I
3 hours--Prereq.: A grade of B or higher in 2103 and 2203; or department approval. Elementary principles of cost accounting; internal records of manufacturing business; process and job cost accounting.

ACCT 3303 Intermediate Accounting I
3 hours--Prereq.: A grade of B or higher in 2103 and 2203; or department approval. A comprehensive study of financial accounting with emphasis on the evaluation and treatment of assets and their related income statement accounts.

ACCT 3383 Federal Income Tax Accounting
3 hours--Prereq.: A grade of B or higher in 2103 and 2203; or department approval. Accounting for individual income tax requirements; preparation of individual income tax returns; tax forms; and income tax problems. Specialized topics include taxable and non-taxable income, business deductions, depreciation, itemized deductions, exemptions, filing status, gains and losses, and tax credits.

ACCT 3403 Intermediate Accounting II
3 hours--Prereq.: A grade of C or higher in 3303; or department approval. A continuation of the study of the principles of financial accounting theory and practice. Primary topics include stockholder's equity; debt; equity; and earnings per share calculation.

ACCT 3413 Business Ethics for Accountants
3 hours--Prereq.: BUCOM 3133 and BUSLW 3213, or departmental approval. This course focuses on what constitutes right or wrong behavior in the business world and on how moral and ethical principles are applied by businesspersons to situations that arise in their daily activities in the workplace. Degree credit not allowed in both ACCT 3413 and BUS 4213.

ACCT 3423 Community Tax Preparation
3 hours--Prereq.: 3383; or departmental approval. This course will be operated under the national Volunteer Income Tax Assistant (VITA) program. Students will prepare and e-file tax returns for clients with limited and fixed incomes. The VITA experience creates an environment in which the student can apply classroom knowledge in a professional setting that fulfills an unmet community need.

ACCT 3453 Advanced Computer Accounting Applications
3 hours--Prereq.: A grade of B or higher in 2203; a grade of C or higher in BSEC 2603 and MIS 3433; or departmental approval. Study of advanced techniques for addressing complex accounting and business problems using microcomputer software packages. Software packages used include advanced Microsoft Excel, Visual Basic, and QuickBooks. Additional database management, project scheduler, and statistical packages may also be used.

ACCT 3713 Governmental and Non-Profit Accounting
3 hours--Prereq.: 3303 or departmental approval. Study of governmental and non-profit accounting. Financial Statement presentation and fund accounting for public entities are emphasized.

ACCT 3843 Accounting Information Systems
3 hours--Prereq.: A grade of B or higher in 2103 and 2203; or department approval. The study of the accounting systems of organizations. Emphasis will be devoted to the topics of (a) the concepts underlying

the design and use of an effective accounting information system, (b) the participation of managers and functional specialists in the development of accounting systems, (c) advanced technology concepts such as data bases, internet and electronic data interchange, and (d) control and audit of EDP systems.

ACCT 4203 Advanced Cost Accounting
3 hours--Prereq.: A grade of B or higher in 3203; or department approval. Continuation of ACCT 3203. Emphasis is placed on advanced cost analysis and managerial topics. Topics covered include decision making models, inventory management, JIT systems, material planning, activity based costing, etc., as they relate to assisting management in its production functions.

ACCT 4303 Advanced Accounting
3 hours--Prereq.: 3403; or departmental approval. Accounting for partnerships and branch operations; business combinations and consolidated financial statements; reporting segments for interim periods, and to the SEC; foreign currency translations and transactions; and accounting for fiduciaries.

ACCT 4353 Oil and Gas Accounting
3 hours--Prereq.: 4503 or departmental approval. A study of oil and gas accounting practices. Topics include accounting for leases, subleases, free wells, farmouts, carried interests, acquisition costs, exploration and development costs, operating costs, joint interest costs, and revenue accounting in the oil and gas industry.

ACCT 4453 Short-Term Financial Management
3 hours--Prereq.: A grade of C or higher in FIN 3113 or departmental approval. An in-depth study of short-term financial management and fi-nancial statement analysis. Topics include cash management, credit and collections, payables management, bank relations, short-term investing and borrowing, and management of interest rate and foreign exchange risks. The class will provide preparation for students wishing to take the Certified Treasury Professional Associate (CTPA) exam.

ACCT 4503 Auditing
3 hours--Prereq.: BSEC 2603 and departmental approval; expectation of a minimum of 18 hours in ACCT. Audit procedures; methods of examining financial statements; preparation of audit working papers, statements, and reports.

ACCT 4513 Auditing II
3 hours--Prereq.: 4503 or departmental approval. In depth study of advanced topics in auditing. These advanced topics will include auditing standards, auditing practice, and current topics in auditing.

ACCT 4621-3 Internship in Accounting
1 to 3 hours--Prereq.: 3203, 3303, 3383, junior standing or departmental approval. Minimum of eight weeks on-the-job experience related to accounting. Daily journal and a written report relating the work experience to the student's accounting major required. OSCPA Internship Certificate may be accepted in substitution. Internship requires prior approval and written agreement between the student and the department.

ACCT 4703 Accounting Theory
3 hours--Prereq.: Departmental approval; expectation of a minimum of 24 hours in ACCT. A review of Financial Accounting Standards Board pronouncements and accounting research studies. Emphasis is placed on topics covered in the Accounting Theory portion of the uniform CPA examination.

ACCT 4723 Financial Statement Analysis
3 hours--Prereq.: 3303 and FIN 3113; or departmental approval. A detailed case study of techniques and procedures for analyzing financial statements of corporations within different industries.

■ Denotes a Liberal Arts course.

ACCT 4981-4 Seminar in Accounting (Subject named in title listing) 1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

ACCT 4991-4 Individual Study in Accounting (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates. Work may be done in any area of the Department of Accounting.

ACCT 5023 Development of Accounting Theory
3 hours-- Prereq.: 3403 or departmental approval. Examines contemporary financial reporting issues both from a historical context and in terms of the extant institutional, ethical, and regulatory environment. Cases and open-ended research assignments are used to help students develop a framework for exercising judgment when the literature provides no direct prescription about correct reporting.

ACCT 5043 Special Topics in Accounting (Subject named in title listing)
3 hours--Prereq.: 3203, 3303 and departmental approval. In depth study of selected accounting topics. May be repeated for credit when the topics vary.

ACCT 5073 Advanced Auditing
3 hours--Prereq.: 4503 or departmental approval. An in-depth study of advanced topics in auditing. The course will provide the student with a solid understanding of the methods and procedures used by public accounting firms in performing examinations of financial statements of public, private, non-profit, and governmental entities. The course will cover topics that include auditing standards, auditing practice, and cur-rent topics in auditing.

ACCT 5103 Financial Statement Analysis
3 hours--Prereq.: FIN 3113 and departmental approval. A detailed study of techniques and procedures for analyzing financial statements of corpo-rate entities within various industries.

ACCT 5113 Accounting for Managers
3 hours--Prereq.: Must be enrolled in the Masters of Management at ECU or Departmental approval. A study of accounting concepts and reporting techniques applied in a management decision-making context. Students analyze accounting data from real-world case studies and present their analysis, conclusions and recommendations. Topics covered will include cost accounting and the behavior of costs, budgeting, differential analy-sis and responsibility accounting. Reporting techniques involving the use of current spreadsheet and graphic presentation technology will be presented.

ACCT 5123 Tax Compliance and Planning
3 hours--Prereq.: 5203. The objective of this course is to broaden the ability of the student to engage in tax compliance, tax research, and personal and financial tax planning with a focus on the developement of skills necessary to resolve issues in tax practice.

ACCT 5203 Advanced Federal Income Tax Accounting
3 hours--Prereq.: 3383 or departmental approval. An in-depth study of advanced topics in taxation. The course will provide the student with a solid understanding of the methods and procedures used by public accounting firms in performing federal income tax returns of individuals, corporations, partnerships, estates, and trusts. The course will cover top-ics that include federal tax law, corporations, flow-through entities, tax planning and research, and current topics in

ACCT 5303 Forensic Accounting and Fraud Examination
3 hours--Prereq.: 4503 or departmental approval. An in depth study of organizational fraud schemes and methods for detecting, investigating, and preventing fraud.

ACCT 5403 CPA Prep
3 hours--Prereq.: Departmental approval. The course is designed to prepare students to take each of the four sections of the Uniform CPA Exam.

ACCT 5953 Internship in Accounting
3 hours--Prereq.: Specified by employer with consent of Instructor and Department Chair. Provides experiential learning during which the student works under the supervision of an accounting practitioner. This work experience may be in a public, industry, or government accounting unit. The student is immersed in a variety of intensive work assignments with increasing levels of responsibility. Limited to students admitted to Masters of Science in Accounting- Professional Track.

ACCT 5981-4 Seminar in Accounting
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic. Work may be done in any area of Accounting.

ACCT 5991-4 Individual Study in Accounting
1 to 4 hours--Prereq.: Graduate standing and 12 hours of Accounting. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports. Work may be done in any area of Accounting.

Courses in American Sign Language

ASLHR 2613 American Sign Language I ■
3 hours--Course consists of principles, methods, and techniques of communication manually with the deaf. Emphasis will be on developing manual communication skills and a basic vocabulary in American Sign Language and an understanding of basic grammatical principles of American Sign Language. Also included will be a brief orientation to the various systems of Signed English.

ASLHR 3063 American Sign Language II ■
3 hours--Prereq.: 2613 or departmental approval. Course provides continued development of American Sign Language vocabulary and ASL grammar. Emphasis will be on developing expressive and receptive signing skills in ASL.

ASLHR 3163 Fingerspelling and Conversational American Sign Language ■
3 hours--Prereq.: Departmental approval. A course designed to develop expressive and receptive fingerspelling skills, as well as developing the students' understanding and use of conversational ASL.

ASLHR 4703 American Sign Language III ■
3 hours--Prereq.: 3063 or departmental approval. An in-depth study of American Sign Language grammar, syntax, idioms, and colloquialisms. Includes body language, mime, and other forms of non-verbal communication.

ASLHR 4733 American Sign Language IV ■
3 hours--Prereq.: 4703. A continued study of American Sign Language with emphasis on increasing sign language skills. Also included will be the principles of artistic interpreting.

Courses in Art

ART 1123 Computers for Creatives ■
3 hours--A course that introduces the creative student to the most common software in use in the creative sphere. Studies include, but are not limited to the Adobe creative suite, as well as software for capturing and manipulating three dimensional objects and other technology commonly used by creatives.

ART 1133 Drawing I
3 hours--Introductory lab course in drawing logic. Study includes the history and theory of drawing, the development of drawing accuracy and knowledge of drawing materials and techniques.

ART 1143 Theory and Social Practice ■
3 hours--An introduction to common contemporary artistic theories. Theories include: Semiotics and Structuralism, Deconstruction and Post Structuralism, Psychoanalysis and Identity, Feminist and Queer Theory, Postcolonial Theory, Socioeconomic Theory, Phenomenology and post humanism.

ART 1213 Two Dimensional Design
3 hours--Introductory lab course in two-dimensional design. Study includes the history and theory of two-dimensional design, the principles of design organization, and the application of plastic elements to solve design problems.

ART 1313 Three Dimensional Design
3 hours--Introductory lab course in three-dimensional design. Study includes the history and theory of three-dimensional design, the principles of design organization, and the application of plastic elements to solve design problems.

ART 2103 Integrated Studio I ■
3 hours--A course in which the student employs multiple materials to create art in an immersive interdisciplinary environment.

ART 2153 Typography I
3 hours--This course examines the basics of Typography as a compositional tool. Students will explore the architecture of single letter forms, the principles of setting type, page layout, and publication design. Students will research and present their findings on the History of Typography. All aspects of Typography are learned through in-class demonstrations and studio work. There is an emphasis on technical problem solving and aesthetic use of display and type.

ART 2213 Watercolor I
3 hours--An introductory course in watercolor painting. Study includes history and theory of watercolor, the development of techniques and skills working with watercolor, and the application of this knowledge and processes to solve watercolor problems.

ART 2233 Art in Life ■
3 hours--Study of significant ideas of Western cultures emphasizing American and European cultures as manifested in visual art and architecture from prehistoric times to present.

ART 2243 Art History Survey I ■
3 hours--Paleolithic art through the high Gothic period (35,000 B.C. - 1300 A.D.).

ART 2253 Art History Survey II ■
3 hours--Renaissance art through Contemporary art (1300 A.D. to the present).

ART 2273 Survey of Multicultural Art ■
3 hours--A study of significant ideas manifested in the visual art and architecture of non-western cultures from the Paleolithic period to today.

ART 2313 Painting I
3 hours--An introductory course in oil and/or acrylic painting. Study includes history and theory of painting, the development of skills and techniques of painting, and the application of these knowledges and processes to solve visual problems.

ART 2423 Color Theory
3 hours--In this course students apply color principles to a variety of design problems and develop the ability to work in both expressive and formal manner.

ART 2881-4 Special Studies in Art (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

ART 2943 Principles of Graphic Design
3 hours--This course examines the principles of graphic design through exercises and assignments geared toward experimentation and expression of type, with emphasis on the graphic design process. Topics include basic terminology, principles and fundamentals, comprehension of the visual language and the history of graphic design. Students will learn to use the Adobe Suite software in preparation of commercial applications in Print based media. Foundational course for the advanced courses in graphic design.

ART 3103 Integrated Studio II ■
3 hours--An intermediate course in which the student employs multiple materials to create art in an immersive interdisciplinary environment.

ART 3133 Drawing II
3 hours--Prereq.: 1133. An advanced course in drawing logic. Emphasis upon the development of drawing accuracy regarding; perspective, line, value, texture, and composition.

ART 3143 Drawing III
3 hours--Prereq.: 3133. An advanced drawing course continuing study started in Drawing II, greater focus on composition and thematic interpretations in drawing.

ART 3153 Typography II
3 hours--Prereq.: 2153. This course examines Typography as a compositional tool. Students will explore the architecture of single letterforms, the principles of setting type, page layout, and publication design. Students will research and present their findings on the History of Typography. All aspects of Typography are learned through in-class demonstrations and studio work. There is an emphasis on technical problem solving and aesthetic use of display and type.

ART 3213 Watercolor II
3 hours--Prereq.: 2213. An intermediate course in watercolor painting. Emphasis upon the development of processes, materials, and knowledges as they relate to watercolor.

ART 3223 Watercolor III
3 hours--Prereq.: 3213. An advanced watercolor course dealing with the processes, materials and knowledges introduced in Watercolor II. Emphasis on composition and individual solutions.

ART 3273 Aesthetics
3 hours--An introductory course in aesthetic philosophy, readings and writing. Students will develop and explore different concepts about creativity, art, audience, and art's role in societies.

ART 3303 Motion Graphics
3 hours--This course is an introduction to the fundamental techniques and components of motion design. Students will explore basic concepts of art and design in time. The course integrates design, image, sound, video, and animation.

ART 3313 Painting II
3 hours--Prereq.: 2313. An intermediate course in oil and/or acrylic painting. Emphasis upon the creative use of materials and techniques, concepts of organization, and subjective imagery.

ART 3323 Painting III
3 hours--Prereq.: 3313. An advanced painting course. Emphasis on composition, experimentation, and individual expression.

ART 3403 Figure Drawing I
3 hours--Prereq.: 1133. A basic studio drawing course that studies the subject of the human figure. Study includes drawing from the skeleton, the live model, and anatomical charts and casts.

ART 3413 Figure Drawing II
3 hours--Prereq.: 3403. An advanced drawing course that emphasizes the compositional potentials of the human figure. Study includes objective rendering, experimental techniques, and advanced problems of drawing from the model.

ART 3513 Sculpture I
3 hours--An introductory course in sculpture. Study includes the history and theory of sculpture, the basic techniques of sculpture; carving, modeling, building, and casting, and the application of these knowledges to solve visual problems.

ART 3613 Sculpture II
3 hours--Prereq.: 3513. An intermediate course in sculpture. Emphasis upon the creative use of materials, techniques, and concepts of organization.

ART 3623 Sculpture III
3 hours--Prereq.: 3613. An advanced sculpture course. Emphasis on refining the three-dimensional concept, experimentation and individual solutions.

ART 3713 Printmaking I
3 hours--An introductory course in printmaking. Study includes history and theory of printmaking, the basic techniques of printmaking; woodcut, linocut, silkscreen, monoprint, and intaglio, and the application of these knowledges and techniques to solve visual problems.

ART 3813 Ceramics I
3 hours--An introductory course in ceramics. Study includes the history and theory of ceramics, the basic techniques of ceramics; hand forming, wheel throwing, and glaze formulation, and knowledge of clay bodies.

ART 3823 Crafts
3 hours--Introductory lab course in crafts. Study includes the history and theory of crafts, the solution of craft problems in: ceramics, weaving, and metalsmithing, and the application of sound design organizational concepts.

ART 3903 Figure Drawing III
3 hours--Prereq.: 3413. An advanced drawing course that utilizes the model for personal expression. Emphasis is given to the development of personal style, advanced rendering, experimental techniques and problems in drawing the figure.

ART 3923 Digital and Electronic Art I
3 hours--This course is an exploration of digital and electronic processes in contemporary art making. Students are introduced to topics such as accessibility, usability, and interface. This course varies by semester and instructor to cover some of the following depending on term: video as art medium, 3D modeling and printing, digital collage, animation, prototyping techniques, and interactive objects.

ART 3943 Graphic Design I

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3 hours--Prereq.: 2943. This is an intermediate course that focuses on the refinement of student's problem solving skills in graphic design as a medium of communication. This course varies by semester and instructor to cover some of the following depending on term: Poster Design and Digital Illustration, Branding and Identity Systems, Data Visualization and Information Design, and Package Design.

ART 3953 Graphic Design II
3 hours--Prereq.: 3943. This is a secondary, intermediate course that focuses on the refinement of student's problem solving skills in graphic design as a medium of communication. This course varies by semester and instructor to cover some of the following, depending on term: Poster Design and Digital Illustration, Branding and Identity Systems, Data Visualization and Information Design, and Package Design.

ART 4103 Integrated Studio III ■
3 hours--An advanced course in which the student employs multiple materials to create are in an immersive interdisciplinary environment.

ART 4203 Integrated Studio IV ■
3 hours--A more advanced course in which the student works to deftly employ multiple materials to create art in an immersive interdisciplinary environment.

ART 4213 History of Art-Contemporary
3 hours--Twentieth and Twenty-first century art. Cubism through Contemporary art.

ART 4403 Figure Drawing IV
3 hours--A continuation of Figure Drawing III. Emphasis on artistry and development of the individual student's point of view, both as a critic and as a practicing artist.

ART 4412 Art for Elementary Teachers
2 hours--A course dealing with elementary school art and crafts, plus the philosophy of art education.

ART 4513 Art for Secondary Teachers
3 hours--A study of problems and methods in teaching various arts in high school: planning and organizing art laboratories in regard to materials and subjects.

ART 4613 Sculpture IV
3 hours--Prereq.: 3623. A continuation of Sculpture III. Emphasis on innovative individual solutions in those areas that are most vital to the student.

ART 4713 Printmaking II
3 hours--Prereq.: 3713. An intermediate course in printmaking. Emphasis upon the creative use of materials and processes; intaglio, lithography, and silkscreen. Application of concepts of organization, techniques, and knowledges to solve visual problems.

ART 4723 Printmaking III
3 hours--Prereq.: 4713. An advanced printmaking course. Emphasis on the selection of process, composition and experimentation with color printing.

ART 4741 Professional Practice I
1 hours--Students will work on developing methodologies associated with professional practice including preparation of resumes or Curriculum Vita, documentation of their works, development of a web page and general studio practices.

ART 4813 Ceramics II
3 hours--Prereq.: 3813. An intermediate course in ceramics. Emphasis upon more sophisticated wheel forming and glaze techniques.

ART 4823 Ceramics III
3 hours--Prereq.: 4813. An advanced ceramic course. Emphasis on sculpture or pottery forms selected by the student.

ART 4841 Professional Practice II
1 hours--Prereq.: 4741. A more advanced courses in which students will work on developing methodologies associated with professional practice including preparation of resumes or Curriculum Vita, documentation of their works, development of a web page and general studio practices.

ART 4923 Digital and Electronic Art II
3 hours--Prereq.: 3923. This course is an advanced exploration of digital and electronic processes in contemporary art making. Students are introduced to topics such as accessibility, usability, and interface. This course varies by semester and instructor to cover some of the following, depending on term: video as art medium, 3D modeling and printing, digital collage, animation, prototyping techniques, and interactive objects.

ART 4943 Graphic Design Internship
3 hours--Students will receive 3 credit hours for working on an internship over the course of the semester. Students must turn in 90 logged hours and meet periodically with the instructor to report their progress. The internship must be arranged before the start of the semester or the student will be dropped from the class. Can be taken twice for credit, but only three hours count towards the major.

ART 4971 Senior Exhibit
1 hours--Prereq.: 4741 and 4841. This senior exhibition is a cumulative statement of the students preparation to proceed on an art career beyond the baccalaureate degree.

ART 4981-4 Seminar in Art (Subject named in title listing)
1 to 4 hours--Directed group study in special subject or problem.

ART 4991-4 Individual Study in Art (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Studio practice for seniors and advanced students. Open only to selected undergraduates.

ART 5981-4 Seminar in Art (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

ART 5991-4 Individual Study in Art (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing, twelve hours Art, and Departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Athletic Training

ATEP 3113 Therapeutic Modalities for Athletic Training
3 hours--This course introduces students to current theories and applications of the therapeutic modalities in the athletic training setting. Protocols for cryotherapy, hydrotherapy, thermotherapy, electrotherapeutic and ultrasound are discussed. Basic instruction in the application of these forms of therapy are supplemented with practical experiences in the on-campus athletic treatment center lab. The lab component of the course serves as an opportunity for students to take the knowledge of lecture and implement it into practical application for mastery of clinical skills.

ATEP 3223 Evaluation of Lower Extremity
3 hours--Prereq.: BIOL 2184. This course introduces students to the practice of performing evaluation on specific anatomical structures, particularly the lower extremity. Emphasis is placed on both clinical and on-field evaluations. The lab component allows for practical application of this knowledge.

ATEP 3443 Evaluation of Upper Extremity
3 hours--Prereq.: 3223 and BIOL 2184. This course introduces students to the practice of performing evaluation on specific anatomical structures, particularly the upper extremity. Emphasis is on both clinical and on-field evaluations. The lab component allows for practical application of this knowledge.

ATEP 3623 Therapeutic Exercise
3 hours--Prereq.: BIOL 2184. This course introduces the student to the basic principles and concepts associated with injury rehabilitation in athletics. The student learns the design, implementation and management of injury-specific rehab protocols, as prescribed by a physician. The laboratory component of this course enables the student to acquire practical experience by practicing clinical skills relative to rehab on a weekly basis.

Courses in Biology

B/C/P 4113 Methods of Teaching Biological and Physical Sciences
3 hours--Prereq.: EDUC 4042 or 4632. Philosophy, methodology and resources for teaching high school (7th - 12th grade) biology, chemistry, and physics.

BIOL 1114 General Biology ■
4 hours--An introduction to the general concepts and discoveries of Biology including chemistry, cell biology, energetics and metabolism, genetics, plant and animal phylogeny, ecology, and evolution. Lecture-Laboratory.

BIOL 1214 General Botany ■
4 hours--Prereq.: 1114. Morphology, physiology and ecology of the seed plants with a brief survey of the plant kingdom. Lecture, laboratory and field.

BIOL 1314 General Zoology ■
4 hours--Prereq.: 1114. A survey of major phyla of the animal kingdom; general morphology, life histories, and principles of animal systematics. Lecture and laboratory.

BIOL 2002 Introductory Research Experience ■
2 hours--Prereq.: 1114. Designed to be an introduction to research in the biological sciences. Must have permission from research mentor with whom student will work closely to develop an independent research project. Laboratory and/or field.

BIOL 2103 Horticulture ■
3 hours--Prereq.: 1114 with a grade of C or better.
Survey and practice of the horticulture discipline including plant growth and propagation for greenhouse, agricultural, landscaping, therapeutic and hobbyist practices through lecture, laboratory and field delivery

BIOL 2113 Medical Terminology
3 hours--A study of the language of medicine including word construction, definitions, and use of terms related to all areas of medical sciences, hospital services and the allied health specialties.

BIOL 2184 Human Anatomy ■
4 hours--Prereq.: 1114. An introductory study of the gross anatomy of the human body with an introduction to microanatomy. Laboratory studies of the human skeleton, models and other visual materials. Dissection of the cat with reference to man. Lecture and laboratory. Degree credit not allowed in both 2184 and 3615.

BIOL 2243 Introduction to Biotechnology ■
3 hours--Prereq.: 1114 or 1214 or 1314. A survey of the most active areas in the field of biotechnology. Lectures will cover topics such as DNA manipulation, protein engineering, large-scale cultivation of microorganisms, stem cell research, vaccine and monoclonal antibody production, molecular medicine, gene therapy, and genetic engineering in plants and animals.

BIOL 2344 General Microbiology ■
4 hours--Prereq.: 1114; CHEM 1114 or 1324. The distribution, dissemination, classification, and identification of microorganisms, special attention to organisms causing disease and to immunity from these organisms. Lecture and laboratory.

BIOL 2644 Invertebrate Zoology ■
4 hours--Prereq.: 1314. General invertebrate zoology, including morphology, taxonomy and life histories of representatives of the invertebrate groups. Lecture, laboratory, and field.

BIOL 2773 Forensic Biology ■
3 hours--Prereq.: 1114 or 1214 or 1314. A study of the scientific method and biological techniques that are used in forensic investigation (criminalistics). Lectures and laboratory sessions will cover the methods of forensic investigations with an emphasis on the examination of physical evidence used in a court of law. Specific topics include comparative microscopy of hair, textiles, blood and bullets; protein analysis used to distinguish among suspects; analytical methods used to identify certain drugs; and DNA analysis used to identify individuals.

BIOL 2881-4 Special Studies in Biology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special project or problem.

BIOL 3013 Research Methods and Bioethics ■
3 hours--Prereq.: 1214 or 1314; CHEM 1114. An examination of the methods and techniques that have led to significant discoveries and themes in modern biological sciences, ranging from biodiversity and evolution through cell biology and genetics. Techniques in the critical evaluation of scientific literature and current issues will be included throughout the course, as well as the ethical aspects of data collection and analyses. Considerations of specific biomedical ethics issues will be incorporated into class activities.

BIOL 3023 Animal Nutrition ■
3 hours--Prereq.: 1114; CHEM 1114. The nutrients required by animals, their functions, and the interrelationships and the processes of their utilization. In addition, feedstuff composition and their use in diet and ration formulation will be covered. Emphasis will be placed on both ruminant and non-ruminant species.

BIOL 3034 Medical Botany ■
4 hours--Prereq.: 1214 with a grade of C or better. A survey of plants affecting human health including how plant were historically used and are currently used, with an emphasis on biologically active constituents.

BIOL 3111 Peer-to-Peer Laboratory Experience ■
1 hour--Introduces the student to classroom dynamics through peer-to-peer experiences in a laboratory setting. Students will aid in general preparation and completion of laboratories throughout the semester,

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critically evaluate peer laboratory handouts, and lead a laboratory discussion.

BIOL 3134 Field Zoology ■
4 hours--Prereq.: 1314. An introduction to local animal life based upon classification, distribution, and natural history of representatives of the animal phyla of this region. Lecture, laboratory, and field.

BIOL 3143 Ethnobotany ■
3 hours--Prereq.: 1114 or 1214. A survey of plant use by people, including such topics as medicinal, societal, cultural, and economic uses of plants from pre-history to current.

BIOL 3214 Field Ornithology ■
4 hours--Prereq.: 1314. An introduction to avian biology with emphasis on field study of life history, ecology, and ethology of local birds. Lecture, laboratory and independent field projects.

BIOL 3234 General Entomology ■
4 hours--Prereq.: 1314. Fundamental principles of insect life; classification, life histories and economic relations.

BIOL 3245 Comparative Vertebrate Anatomy ■
5 hours--Prereq.: 1314. Comparison of anatomical structure in vertebrate types. Lecture and laboratory.

BIOL 3254 Medical Entomology ■
4 hours--Prereq.: 1314. A study of insects and other arthropods with relation to their importance in human medicine.

BIOL 3303 Stream Ecology and Stream Management ■
3 hours--Prereq.: 1214 and 1314. The physical, chemical and biological characteristics of stream ecosystems with an emphasis on anthropogenic influences on these systems. A review of selected stream management practices used to mitigate these influences through selected case studies of major river systems from around the world. Lecture and field trips to local stream ecosystems.

BIOL 3314 Mammology ■
4 hours--Prereq.: 1314. An introduction to mammalian biology, diversity, anatomy, evolutionary history, systematics, and zoogeography. Laboratory exercises will emphasize structural anatomy and the identification and natural history of Oklahoma mammals.

BIOL 3324 Herpetology ■
4 hours--Prereq.: 1314. An introduction to the biology of amphibians and reptiles including anatomy, diversity, evolutionary relationships, physiology, systematics, and zoogeography. Laboratory exercises will emphasize structural anatomy and the identification and natural history of Oklahoma reptiles and amphibians.

BIOL 3343 Experimental Molecular Biology ■
3 hours--Prereq.: 1314, 2344. A study of the experimental approach and techniques used in molecular biology. Emphasis will be placed on the extraction, isolation, and purification of proteins and nucleic acids of bacteria, fungi, plants, and animals.

BIOL 3434 Genetics ■
4 hours--Prereq.: 1214; CHEM 1214 A study of basic principles in inheritance including Mendelism and Molecular mechanisms and recombinant DNA technology. Lecture and laboratory.

BIOL 3452 Advanced Genetics ■
2 hours--Prereq.: 3434. Continuation of course 3434.

BIOL 3514 General Physiology ■
4 hours--Prereq.: 1314 and CHEM 1114. Includes a study of those physiological phenomena common to all living organisms such as; osmoregulation, functional composition, oxidative metabolism, metabolic control mechanisms, internal distribution systems, nutrition, excretion, integration, and bioelectricity. Lecture and Laboratory

BIOL 3524 Mycology ■
4 hours--Prereq.: 1114, 1214, or 2344. A study of fungi, including their evolution, morphology, and ontogeny with medicinal, agricultural, and economic applications. We will use lecture, laboratory, and field techniques to explore the fungal world. Lecture, laboratory and field.

BIOL 3553 Genomics and Bioinformatics ■
3 hours--Prereq.: 1214 or 1314; 2243. Introduction to the study and analyses of genomes and the functions and relationships (broadly including biochemical activity and biological function) of all the genes within a genome. Topics will include techniques and methods in genetics, genome sequencing, sequence alignment, gene and protein analysis, microarray analysis, proteomics and database searching.

BIOL 3615 Human Anatomy and Physiology ■
5 hours--Prereq.: 1314 and 4 to 8 hours Chemistry: Degree credit not allowed in both 3615 and 3634, or in 2184 and 3615. An introduction to the structure and functions of the various systems of the human body including a study of respiration, digestion, metabolism, and nutrition; a study of the special senses, internal secretion, and muscular and nervous systems. Lecture and laboratory.

BIOL 3623 Biochemistry of Human Diseases ■
3 hours--Prereq.: 3434. A survey of the biochemical and molecular basis for human diseases. Lecture topics will include metabolic diseases such as atherosclerosis and diabetes, and the biochemistry related to prion diseases, virology and cancer.

BIOL 3634 Human Physiology ■
4 hours--Prereq.: 2184 or 2344 or 3245; CHEM 1114 or 1324. Degree credit not allowed in both BIOL 3615 and 3634. Function of the human body; physical and chemical changes which occur in living systems. Laboratory studies in the physical and chemical nature of energy changes occurring in living systems, and their evaluation under varied conditions. Lecture and laboratory.

BIOL 3654 Histology ■
4 hours--Prereq.: 1314. Introduction to the essentials of microanatomy of tissues and organs. Lecture and laboratory.

BIOL 3674 Plant Ecophysiology ■
4 hours--Prereq.: 1114, 1214; MATH 1513 or 2825. This course focuses on how plants cope with environmental stress through physiological mechanisms and integration. We will use lecture, lab and field techniques to explore plant-environment interactions. Lecture, laboratory, and field.

BIOL 3683 Immunology ■
3 hours--Prereq.: 2344. An introductory study of the principles, mechanisms, and clinical applications of the immune response.

BIOL 3703 Biostatistics
3 hours--Prereq.: MATH 1513. A study of statistical methods commonly used in environmental and life science. Topics include descriptive and inferential statistics and other related calculations.

BIOL 3712 Foundations of Biology ■
2 hours--A survey by study of original sources and compilations of the sequence of biological discoveries and the men associated with them, and of the growth of biological theories and the development of scientific

thought. Lecture and library.

BIOL 3814 Plant Kingdom ■
4 hours--Prereq.: 1214. Representative plants from important groups studied as to general structure and function of each part; methods of reproduction; the development of plants from the simplest to the highest forms. Lecture and laboratory.

BIOL 3934 Limnology ■
4 hours--Prereq.: 1214, 1314; CHEM 1114, 1214. Introduction to the study of freshwater biology; physical and chemical factors, plankton analysis, bottom fauna lake and stream mapping and productivity studies. Lecture and laboratory.

BIOL 4014 Integrated Pest Management ■
4 hours--Prereq.: 3234 with a grade of C or better. A survey of agronomic pests focusing on insects, including their biology, morphology, identification and management practices for sustainable agriculture, natural resources, and urban and rural health and well being. This is a field-based course.

BIOL 4023 Animal Behavior ■
3 hours--Prereq.: 1314. An introduction to the biological basis of animal behavior. Topics include the development, physiological mediation, adaptive significance, and evolution of animal behavior. Lecture.

BIOL 4113 Vertebrate Embryology ■
3 hours--Prereq.: 1314. Outline of facts and factors in embryonic development of fishes, amphibians, reptiles, birds and mammals.

BIOL 4123 Evolution ■
3 hours--Prereq.: 1214, 1314 and 3434. Modern evolutionary theory with special reference to related genetic mechanism.

BIOL 4144 Natural History of the Vertebrates ■
4 hours--Prereq.: 1314. Principles of distribution, classification, life histories, ecology and ethology of the common vertebrates. Emphasis given to the terrestrial forms of local areas. Laboratory and field work emphasizes collecting techniques, identification and preparation of specimens. Lecture, laboratory, and field.

BIOL 4214 Taxonomy of Flowering Plants ■
4 hours--Prereq.: 1214. Identification and classification of plants, especially of the local flora; construction and use of keys and the preparation of an herbarium. Lecture, laboratory, and field.

BIOL 4313 Cell and Molecular Biology ■
3 hours--Prereq.: 12 hours of biology and CHEM 1214. Cytology, biochemistry, molecular regulation, and function of cells and organelles. Emphasis is on the eucaryotic cell.

BIOL 4323 Experimental Design in Biological Science■
3 hours--Prereq.: 1214, 1314, 4414 and one of the following: EHS 3703, MATH 1223, PSYCH 3833 or SOC 3833. Design, implementation and data analysis using the scientific method on a specific topic in the biological sciences. Students will also develop a research proposal that will guide independent research. Lecture.

BIOL 4414 Ecology ■
4 hours--Prereq.: 1314 and either 3245 or 3434 or 3634. A study of the structure and function of the ecosystem including a survey of the aquatic and terrestrial habitats. Lecture, laboratory, and field.

BIOL 4473 Nature Study ■
3 hours--Common names, natural histories, and interrelationships of local flora and fauna; survey of habitat types, collections, and nature projects. Problems of conservation of wildlife. Lecture and field laboratory. This course is not applicable on major or minor in Biology.

BIOL 4514 Environmental Biology ■
4 hours--Prereq.: 1114 or equivalent. A study of the biology of environmental problems and human relationships to theenvironment, including air, water, land, and other organisms. Lecture and laboratory.

BIOL 4534 Wildlife Management ■
4 hours--Prereq.: 1214 or 1314. The application of scientific principles to the ecological problems associated with the management of wildlife populations and their habitats. Lecture and laboratory.

BIOL 4545 Advanced Molecular Biology ■
5 hours--Prereq.: 2344, 4313. An in-depth investigation of specific enzymes and reagents that modify nucleic acids both in vivo and in vitro. The theory behind biochemical activity, optimal reaction conditions and practical applications in bioengineering will be explored in both lecture and laboratory. The practical portion of the course will be project driven and will incorporate analyses of the current scientific literature.

BIOL 4553 Pathogenic Microbiology ■
3 hours--Prereq.: 1214 or 1314, 2344, eight additional hours of Biology, CHEM 3114. The course will focus upon bacterial, fungal, and viral diseases. It will primarily cover human diseases and agriculturally important diseases in crops and livestock. Routes of infection such as air borne, water borne, food borne, soil borne, arthropod borne, and sexual contact will be investigated. Characteristics of infective organisms and their mechanisms of infection in different organisms will be included in the discussion.

BIOL 4614 Animal Parasitology ■
4 hours--Prereq.: 1314. Morphology, life history, and classification of the more important parasites of animals; host-parasite relationship and methods of control. Lecture, laboratory, and field.

BIOL 4713 Methods of Teaching Secondary Biological Science
3 hours--Prereq.: Twelve hours biology. Philosophy, methodology and resources for teaching high school biology.

BIOL 4763 Biochemical Genetics ■
3 credit hours, 0 lab hours--Prereq.: 1214 or 1314, 3434. A study of the molecular mechanisms controlling gene regulation in viruses, prokaryotes and eukaryotes. Topics will include genetic engineering, molecular genetics, and biochemistry of macromolecular interactions.

BIOL 4881 Biology Senior Seminar
1 hour--Prereq.: Departmental approval. Directed study on biological activities related to senior level assessment. (This course should be taken during the semester prior to graduation.)

BIOL 4924 Advanced Research Experience■
4 hours--Prereq.: 2002. A continuation of the research experience. Must have permission from research mentor with whom the student will work closely to develop an independent research project, fostering skills necessary for careers in laboratory, field and other research oriented fields. Laboratory and/or field.

BIOL 4981-4 Seminar in Biology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed study on special subject or problem.

BIOL 4991-4 Individual Study in Biology (Subject named in title listing)

1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

BIOL 5144 Freshwater Invertebrate Zoology
4 hours--Prereq.: 2644 and at least twelve hours additional biology. Identification and ecology of fresh water invertebrates. Lecture, laboratory, and field.

BIOL 5313 Microbiology and Man
3 hours--A survey of the microorganisms, their form, function, and importance in personal and community health and ecology. This course designed primarily as general education for graduate students.

BIOL 5413 Common Plants of Oklahoma
3 hours--Plant groups of general interest to the layman, including study of basic characteristics of plant families and environmental factors which tend to limit their distribution to certain plant communities. This course is designed primarily as general education for graduate students. Lecture, laboratory, and field.

BIOL 5433 Human Genetics
3 hours--A study of the basic principles of human genetics and related biological problems important to our society.

BIOL 5981-4 Seminar in Biology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

BIOL 5991-4 Individual Study in Biology (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours biology. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Business Administration

BSEC 2603 Business and Economic Statistics ■
3 hours--Prereq.: A grade of C or higher in MATH 1513, 1613 or 2613 or departmental approval. Summarizing and analyzing data for practical use in solving commonly encountered analytical problems in accounting, business or economics. Computerized solution methods emphasized. Students planning to enter graduate school following graduation are strongly advised to take MATH 1223, in lieu of BSEC 2603.

BSEC 3013 Introduction to Econometrics
3 hours--Prereq.: A grade of C or higher in BSEC 2603 or departmental approval. Introduction to methods of quantitative analysis of economic data. Reviews basic statistical methods and probability distribution. Topics include data management, using professional statistical software applications; multiple regression analysis; hypothesis testing under conditions of multicollinearity, heteroscedasticity, and serial correlation.

BSEC 3103 Foundations of Data Analysis
3 hours--Prereq.: A grade of C or higher in BSEC 2603 or departmental approval. This course introduces students to the fundamental concepts of data analytics for decision-making in business. Students will explore the capabilities and challenges of data-driven business decision-making. The course will include hands-on work with data and software. Topics to be covered include data preparation and manipulation, descriptive, predictive, and prescriptive analytics, decisions under uncertainty, and decision analytics tools (cluster analysis, classification, and linear regression). The course will include hands-on work with data and software currently utilized in the data analytics field.

BSEC 4003 Advanced Data Analytics
3 hours--Prereq.: BSEC 3103 or departmental approval. Students will apply analytics tools and applications to solve real-life business problems. In addition to basic analytics tools such as descriptive statistics, data visualization, clustering, and classification, students will learn basic Machine Learning and Artificial Intelligence techniques. multivariate regression analysis, logistic regression, analysis of variance (ANOVA and MANOVA), time series models, and analysis of categorical variables will be discussed. Students will be introduced to various software applications needed to perform analytics. The course will include hands-on work with data and software currently utilized in the data analytics field.

BSEC 5203 Quantitative Methods for Accounting
3 hours--Prereq.: 2603 and departmental approval. This course introduces the student to statistical and quantitative techniques used by business managers to aid in decision-making. The focus of this course is the application of statistical and mathematical techniques to problems in accounting.

BUS 1113 Foundations of Business ■
3 hours--Prereq.: Must be taken prior to completing 60 total credit hours; or departmental approval. The course combines and links primary fields of business study-management, marketing, finance, accounting, and economics-to offer students an integrative perspective of modern business in an environment of diversity and globalization. In addition, the course will explore the various degree and certificate options offered in the Stonecipher School of Business (SSB), as well as career opportunities in business, and teach students study and test taking skills, time management, SSB writing styles, and SSB cultural aspects all designed to increase the likelihood that students' first and future semesters in college are successful, both academically and socially.

BUS 2881-4 Special Studies in Business Administration (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

BUS 3013 Native American Economic Development ■
3 hours--This course will provide an overview of the three primary methods utilized in Indian Country by tribal leadership to effect economic development for their sovereign nations. The course will examine the history of the economic development in Indian Country, the purposes behind each of the three development methods and will utilize three Native American Nations (Chickasaw, Cheyenne-Arapaho and Lakota Sioux) as examples of successful development by Native American Nations.

BUS 4103 Global Business
3 hours--Prereq.: ECON 2003, MGMT 3013, MKTG 3313 and senior standing, or departmental approval. An understanding of global business including its importance in today's world, the evolution of international institutions and the monetary system, the differences and similarities among nations and cultures, and the special characteristics of the business functions in a global setting.

BUS 4213 Business Ethics
3 hours--Prereq.: BUCOM 3133, BUSLW 3213 or departmental approval. This course focuses on what constitutes right or wrong behavior in the business world and on how moral and ethical principles are applied by businesspersons to situations that arise in their daily activities in the workplace. Degree credit not allowed in both ACCT 3413 and BUS 4213.

BUS 4303 Business Strategy and Policy ■
3 hours--Prereq.: BUCOM 3133, BUSLW 3213, MGMT 3013, MGMT

3063 or ACCT 3203, MKTG 3313, FIN 3113, senior standing, course to be taken last semester of senior year; or departmental approval. An integrated approach to the formulation and implementation of corporate strategy emphasizing knowledge gained in earlier accounting and business administration courses.

BUS 4613 Professional Consulting
3 hours--Prereq.: Senior standing or departmental approval. A course that combines classroom lecture and practical application with the case or project methods of instruction. A team of students with faculty supervision, works in a consulting role with an organization to recommend solutions to some problem. Students typically apply techniques in strategic planning, market research, promotion, feasibility analysis, financial analysis, and/or operations management.

BUS 4621-4 Internship
1-4 hours--Prereq.: School of Business Major, BUCOM 3133, BUSLW 3213, FIN 3133, MGMT 3013, MIS 3433, MKTG 3313, 12 hours in concentration, minimum GPA 3.0 in prerequisite courses and department approval. Minimum of 100 hours on-the-job learning experience related to student's major for each credit hour earned. Daily journal and written report required. Student will be evaluated by faculty sponsor and by on-the-job supervisor. Internship requires prior departmental approval and a formal agreement among the student, department, and employer. Internship is graded on pass/fail basis.

BUS 4981-4 Seminar in Business (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem. Work may be done in any area of Business Administration Department.

BUS 4991-4 Individual Study in Business (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates. Work may be done in any area of Business Administration Department.

BUS 5123 Organizational Leadership
3 hours--Prereq.: Departmental approval. The course focuses on the theory and practice of situational leadership. Course participants will learn about theories of motivation, organization design, and performance management by examining factors that influence individual and group performance management. Theoretical underpinnings of leadership philosophy will be applied to the exploration of current issues in modern organizational life. Pragmatic philosophies and strategies from current leaders will also be explored. Participants will develop a more robust understanding of leadership concepts in order to assess and improve their own skills.

BUS 5981-4 Seminar in Business (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic. Work may be done in any area of Business Administration Department.

BUS 5991-4 Individual Study in Business (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours business. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports. Work may be done in any area of Business Administration Department.

BUCOM 3133 Business Communication and Report Writing ◙
3 hours--Prereq.: ENG 1113 and a C or higher in either ENG 1213 or HNRS 2313. The essential qualities of business writing; principles of writing effective business letters and reports; the psychology and techniques used in modern business writing and experience in writing various kinds of business letters. Analysis of business problems; methods of data collection; organization of data; analysis and interpretation; questionnaire construction; graphic aids; proposal preparation; actual writing of proposal and formal report.

BUSLW 3213 The Legal Environment of Business
3 hours--Prereq.: Junior standing or departmental approval. Introduction to the American legal environment with an overview of the legal system as it affects the individual's relationship with other individuals, the government, and commerce. The course explores basic issues and topics such as the meaning and function of law, torts, contracts, product liability, agency, and employment law.

BUSLW 3253 Business Law
3 hours--Prereq.: 3213 or departmental approval. Basic principles of law as applied to business transactions. Topics include: contracts, sales, commercial paper, business organizations and accountants' legal liability.

BUSLW 4253 Employment and Labor Law
3 hours--Prereq.: Junior standing or departmental approval. Students will learn the basics of employment and labor law so they can legally hire, evaluate and manage employees as a manager, supervisor, small business owner, human resource specialist, or corporate executive. Students will learn the difference between an employee and independent contractor; the basic types of employee benefits; effective hiring, evaluation, and termination procedures; discrimination and labor laws; and workplace safety rules. This course covers the employment and labor law topics found on the SHRM Assurance of Learning Assessment exam. This course is normally offered online in the summer semester only.

BUSLW 5133 Contemporary Legal Issues
3 hours--Prereq.: 3213 and departmental approval. Examines legal constraints affecting managerial decision making and business behavior. Topics include securities, secured transactions, intellectual property, legal aspects of bankruptcy, legal liability of accountants, employment law, environmental law, and internet-related legal issues.

BUSLW 5203 Advanced Employment and Labor Law
3 hours--Prereq.: Departmental approval. Students will learn how to legally and effectively implement basic employment and labor laws. The course will examine hiring processes, management and evaluation of employees, and terminating the employment relationship. The course is designed for students who are or will become managers, supervisors, or small business owners.

ECON 2003 Principles of Macroeconomics ■
3 hours--The first part of the course will examine variables such as output, unemployment, and inflation which are important in examining how the economy is doing. Then the course will examine the business cycle: why the economy might enter a recession, what policy options the government, including the Federal Reserve, has at its disposal to affect the business cycle. After this course, students will be better able to analyze economic discussions and have a better comprehension of economic events as they occur.

ECON 2013 Principles of Microeconomics ■
3 hours--Prereq.: A grade of C or higher in ECON 2003 or departmental approval. This course is designed to introduce students to basic principles of microeconomics and to develop an understanding of the behavior of individual agents and how their actions may be coordinated in firms and markets. Topics include international trade, supply and demand, consumer behavior, production, market structures, labor market and poverty, and taxation.

ECON 5103 Economics for Managers
3 hours--Prereq.: Departmental approval. This course provides an understanding of the economic fundamentals that are essential to the managerial decision making process. Students will develop an understanding of microeconomic analysis including supply/demand, elasticity, production and cost, market structure, and pricing strategies. Macroeconomic principles including macroeconomic statistics, monetary and fiscal policies, and international finance will be discussed. Both microeconomic and macroeconomic principles will be synthesized to inform managerial decision making.

ECON 5143 Applied Economics
3 hours--Prereq.: 2013 and departmental approval. Utilizes micro-economics and macroeconomics concepts to formulate business decisions under local, regional, and international settings. Topics include: supply and demand analysis; production theory; evaluation of costs, prices, and investment levels; market structure analysis; international economics issues; and the impact of national monetary and fiscal policies on national income, inflation and interest rates.

ECON 5981-4 Seminar in Economics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

ECON 5991-4 Individual Study in Economics (Subject named in title listing)
1 to 4 hours--Prereq.: Accounting Department approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

ENTR 3103 Introduction to Entrepreneurship
3 hours--Prereq.: Sophomore standing or departmental approval. This course provides the student with the fundamentals of entrepreneurship and covers the entrepreneurial process from conception to harvest of the new venture. It concentrates on identifying the attributes of entrepreneurs, the process of searching for opportunities, evaluating the viability of a new venture, financing, starting and operating the new venture.

ENTR 3203 High Technology Entrepreneurship
3 hours--Prereq.: 3103 or departmental approval. This course provides students with an applications-oriented understanding of the unique industry contexts, strategic opportunities, and constraints faced by high technology new ventures. Such ventures are typically funded with high risk/high return venture capital, and expected to achieve liquidity for investors in approximately five years from start-up. Topics to be discussed include: the technology commercialization process; technology application opportunities; and the venture capital continuum.

ENTR 3303 Marketing for the Entrepreneur
3 hours--Prereq.: 3103, MKTG 3313 or departmental approval. The course identifies and applies the different marketing visions, approaches and practices used by entrepreneurs to compete in highly competitive markets. Further, this course will identify the differing strategic and tactical focuses and applications used by today's entrepreneurs inclusive of the strategic application of various technologies.

ENTR 4403 Entrepreneurial Finance
3 hours--Prereq.: 3103, FIN 3113 or departmental approval. Entrepreneurial Finance focuses on the primary financial elements necessary in starting, growing and harvesting the venture. These elements are: financial assessment of opportunity, marshaling resources, bootstrapping, creating the financing package, cash flow, and sources of capital. Topics include: valuation; deal structuring; merger and acquisition; and capital sources (e.g. founders, family, friends, Angels, venture capitalists, and banks).

ENTR 4413 Business Planning and Strategy for Entrepreneurs
3 hours--Prereq.: A grade of C or higher in 3103; or departmental approval. Students will learn to evaluate and analyze various entrepreneurial opportunities against their personal and professional goals and lifestyle criteria. After assessing the feasibility of multiple opportunities, students select one to research and form a strategy for the business. Students will research, collect data, and make decisions to shape the business. With this information, students will write a full business plan, including a product and service plan, a management and organizational plan, a marketing plan, and a financial plan. This course uses the Kauffman Foundation curriculum in sequence with ENTR 3103 and ENTR 4503. This course normally offered in the fall semester only.

ENTR 4503 Venture Creation
3 hours--Prereq.: A grade of C or higher in 3103 and departmental approval. This capstone course provides students with a series of concepts, frameworks and analytical techniques that will enable the student to manage entrepreneurially in rapid growth situations. Students will learn 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 just efficiently managing ongoing operations. In addition, students will learn how to formulate and complete a formal business plan. This course normally taught in the spring semester only.

ENTR 4603 Entrepreneurship Internship
3 hours--Prereq.: 3103, 3203 or departmental approval. The entrepreneurship internship introduces the entrepreneurship student to the culture of the entrepreneur. The internship requires the intern to participate in a set of pre-selected activities. A required report and portfolio will detail their experiences in the company. The portfolio will include copies of the work they have done in performance of their internship (e.g. marketing plan, strategic plan, business plan, and financial statements). The report will be a narrative of their internship experience.

FIN 1113 Financial Literacy
3 hours--This course introduces ideas, concepts, and skills that will enable students to become wise and knowledgeable consumers, savers, investors, and users of credit. A "hands on" instructional approach, that directly applies the concepts learned in this course to the management of money, will empower students to incorporate these techniques in their daily lives and become effective participants in the global workforce and society.

FIN 3003 Financial Markets and Institutions ■
3 hours--Prereq.: A grade of C or higher in ECON 2003 and 2013; or departmental approval. This course increases understanding of financial markets and intermediaries in the United States including the fundamentals of interest rates, the money supply process, the markets for stocks and other financial instruments, the U.S. commercial banking industry and other non-bank financial institutions, financial crises, risk management in financial institutions, central banking, and the conduct of monetary policy. Spring semester only

FIN 3013 Fundamentals of Financial Planning
3 hours--Prereq.: Junior standing or departmental approval. The course introduces students to the financial planning process and to the technical skills a competent financial planner must possess in order to serve his or her clients successfully. Students will learn the fundamental elements of financial planning (insurance, investments, taxation, retirement planning and employee benefits, and estate planning) and their corresponding interrelationship in providing comprehensive personal financial planning. This course explores the financial planning industry and how to develop a financial planning practice: including the current economic environment,

regulation and licensing, reporting and compliance, and compensation methods. The course defines and reviews the CFP Board's Code of Ethics and Professional Responsibility.

FIN 3113 Financial Management
3 hours--Prereq.: A grade of C or better in ACCT 2103, BSEC 2603, ECON 2003 and 2013; or departmental approval. A study of the principles, institutions, instruments and procedures whereby business enterprises obtain and utilize funds to finance operations. The study involves analysis and evaluation of forms of business organizations, financial planning, internal and external provisions of short-term and long-term financing for promotion, expansion and reorganization.

FIN 3223 Investment Analysis
3 hours--Prereq.: A grade of C or higher in 3113; or departmental approval. This course exposes students to the concepts of risk and return, the differences between equity and fixed income investments, the mathematics of investing, the evaluation of investment theories and strategies, and the regulation of the investment industry. The course explores the difference between fundamental and technical analysis, and students will perform basic bond and equity valuations. The course introduces modern portfolio theory (asset allocation, diversification, market timing, and security selection). The course also introduces the capital asset pricing model, arbitrage pricing theory, and the efficient market hypothesis. Students calculate investment fees and expenses, time weighted verses dollar weighted returns, arithmetic versus geometric returns, risk adjusted returns, and aftertax returns.

FIN 3833 Commercial Bank Management
3 hours--Prereq.: A grade of C or higher in 3113; or departmental approval. This introductory course in bank management provides an overview of commercial bank management. Topics include: bank services, organizations and regulatory environment; asset and liability management; bank capital, cash assets, and the competition for funds; managing the investment portfolio; extending credit to business and individuals, international banking; trust services; and bank mergers and acquisitions. This course normally offered in the fall semester only.

FIN 3913 Insurance Planning and Risk Management
3 hours--Prereq.: Junior standing or departmental approval. This course explores the financial risks that individuals and businesses face and how they can manage these risks, including the utilization of insurance solutions. Students will be exposed to the purpose, structure and coverage options of the following types of insurance: Health, disability, long-term care, life, property and casualty, and more. This course also reviews the taxation of insurance benefits and how taxation should affect a financial planner's decision to recommend insurance solutions under certain circumstances. After completing the course, students will be able to determine a client's risk exposure and develop a comprehensive insurance and risk management plan for his/her client based on the client's goals and objectives.

FIN 4103 Essentials of Banking and Finance
3 hours--Prereq.: A grade of C or higher in 3113 and admission to the Banking and Finance Certificate Program; or departmental approval. The course will cover financial and banking products, banking regulations, personal financial statement analysis and ethical issues specific to the above areas of study. Student learning will be enhanced by working directly with business professionals in the areas of finance and banking. This course normally offered in the spring semester only.

FIN 4113 International Financial Management
3 hours- Prereq.: FIN 3113. Provides the student with the analytical tools needed to evaluate and provide solutions for problems that are commonly encountered in international financial management. Emphasizes basic theoretical models of exchange rate determination and hedging exchange rate risk, international financial transactions, the link between a nation's macroeconomic accounts and its balance of payments accounts, privatization of state-owned enterprises, and international banking.

FIN 4263 Real Estate Development and Investment
3 hours--Prereq.: A grade of C or higher in 3113; or departmental approval. This course introduces students to the commercial and residential real estate development and investment process. Course materials, lectures, discussions and cases focus on issues critical to the success of any new real estate venture, from the inception of an idea to the design, construction and management of income-producing real estate. Emphasis is placed on identifying development opportunities in a rapidly changing real estate environment. This course is normally offered in the spring semester only.

FIN 4623 Applied Finance
3 hours--Prereq.: A grade of C or better in 3113; or departmental approval. This course addresses how a firm effectively raises and invests capital. It examines business valuation and financial performance, financial statement forecasting, and effective working capital management. This course is normally offered in the fall semester only.

FIN 5103 Finance for Managers
3 hours--Prereq.: Departmental approval. This course shows managers how to interface with accounting and finance departments and understand how firms meet their financial objectives utilizing financial decision-making skills. This course explains financial tools and techniques that managers use to maximize the value of their business. Course topics include financial statement analysis, discounted cash flow valuation, stock and bond valuation, term structure of interest rates, capital structure and budgeting under certainty and uncertainty, working capital management, portfolio theory, asset pricing models and efficient markets.

ITM 3423 Web Development
3 hours--Prereq.: A grade of C or higher in CMPSC 1113; or department approval. This course covers a wide array of programming concepts using current software development tools, including data structures, resource management, security, software development, and web development. Students will engage in a community of software developers and present a final project to their peers.

ITM 3473 Data Visualization
3 hours--Prereq.: MIS 3453; BSEC 2603 or departmental approval. Provides an understanding of the role of analytics, visualization, dashboarding, and business intelligence in support of managerial decision making.

ITM 3613 Data Communications and Computer Networks
3 hours--Prereq.: Junior standing or departmental approval. Data communications and teleprocessing systems principles are examined in detail. Major topics include hardware, networks (LANs and WANs), protocols and architectures, and the planning and management of data communications and teleprocessing systems. The material covered in this course will include material to prepare a student to seek A+ and Network + certifications. This course normally offered in the spring semester only.

ITM 3823 Cybersecurity
3 hours--Prereq.: A grade of C or higher in MIS 3433; or departmental approval. This course looks at philosophical, theoretical, and applied scenarios and infrastructures supporting the foundations of current cyber security measures and security policies. This course will look at complex legal, regulatory, and policy-based issues and their effect on social, government, and economic implications. You will explore issues and im-

■ Denotes a Liberal Arts course.

pacts of privacy, eCommerce, information security, social equity, cirme, free speech, and telecommunications and how they relate to the policies of cyber security.

ITM 3843 Cloud Management
3 hours--ITM 3613, ITM 3823 or departmental approval. Teaches students to implement and maintain cloud technologies. Reviews the theory and application of configurations residing in a platform utilizing cloud solutions in a Windows Azure environment. Students will learn how to manage Azure resources; configure and manage storage; configure and manage virtual machines and networks; and manage identities using tools within the Azure platform.

ITM 4653 Database Theory and Applications ■
3 hours--Prereq.: A grade of C or higher in MIS 3433 and CMPSC 1113; or departmental approval. Database concepts and structures. File and data management principles underlying database construction. Fundamental types of database models with emphasis on relational databases and the use of Microsoft SQL Server. Practice in analysis, design, development, and optimization of working database applications with regard to a variety of problems. This course normally offered in the fall semester only.

ITM 4753 Software Development and Team Dynamics
3 hours--Prereq.: ITM 4653 Course must be taken in last semester; or departmental approval. This course addresses software development methodologies, team dynamics, and effective communication and documentation. Students will utilize knowledge and skill obtained from Database Theory and Applications and Programming courses to work with a team to analyze problems and create a software solution. This capstone course will also include college-to-career business communications.

MGMT 3013 Principles of Management ■
3 hours--Prereq.: Sophomore standing or departmental approval. A study of the modern organization, and the fundamental processes which operate to move the organization and its members toward objective accomplishment. Emphasis is given to the basic administrative aspects, including establishing of policy and objectives, communication, leadership, motivation, organizational structure, decision making, and control.

MGMT 3023 Project Management I
3 hours--Prereq.: Coreq.: 3013 or departmental approval. The course introduces students to the tools commonly used in project management and the project management standards developed by the Project Management Institute (PMI®). The course also covers the following project management areas of knowledge: (1) the project lifecycle and the organization; (2) project management processes for a project; (3) project integration management; (4) project scope management; (5) project time management; and, (6) project management systems using Microsoft Project. This course is normally offered in the fall semester only.

MGMT 3043 Human Resources Management ■
3 hours--Prereq.: A grade of C or higher in 3013; or departmental approval. An introduction to the development, application and evaluation of policies, procedures, and programs for the recruitment, selection, development, and utilization of human resources in an organization.

MGMT 3063 Production/Operations Management ■
3 hours--Prereq.: A grade of C or higher in 3013 and BSEC 2603, or departmental approval. An introduction to the basic business function of production and operations management. This course includes computer applications in project management, forecasting, and resource allocation. The student will study a synthesis of concepts and techniques that relate directly to productive systems and enhance their management. This management activity is aimed at the direct resources required to produce the goods and/or services provided by an organization.

MGMT 3103 Organizational Behavior
3 hours--Prereq.: A grade of C or higher in 3013; or departmental approval. A study of the human aspects of the organization and its relation with other organization components. Topics including leadership motivation, job satisfaction, group dynamics, and organization climate will be examined. This course normally offered in the fall semester only.

MGMT 3213 Labor Relations Management
3 hours--Prereq.: 3013 or departmental approval. Emphasizes labor-management cooperation. Includes the history, application, and interpretation of labor laws; certification, contract negotiation, and administration; and behavioral issues in labor-management relations. This course normally offered in the spring semester only.

MGMT 3433 Introduction to Leadership
3 hours--Prereq.: Sophomore standing. This course will introduce students to various leadership principles and encourage them to develop self-awareness of their own leadership potential and the skills necessary to become an effective leader. Topics include leadership styles, developing and communicating a vision, managing conflict, embracing diversity and inclusion, and establishing a constructive climate – with a specific emphasis on developing the unique strengths of self and others.

MGMT 4013 Project Management II
3 hours--Prereq.: 3023 or departmental approval. The course covers the following Project Management Areas of Knowledge: 1) Project Quality Management, 2) Project Risk Management, 3) Project Human Resources Management, 4) Project Communication Management, 5) Project Stakeholder Management, 6) Project Cost Management, 7) Project Procurement Management, and, 8) Project Knowledge Management. This course is normally offered in the spring semester only.

MGMT 4023 Project Management III
3 hours--Prereq.: 4013 or departmental approval. The course covers the advanced project management systems used in industry and integrates prior project management knowledge through the use of a comprehensive case study and project planning curriculum. Students will present their comprehensive case study project plans and provide feedback on lessons learned. This course is normally offered in the fall semester only.

MGMT 4313 Compensation and Benefits
3 hours--Prereq.: 3013 and admission to the Human Resources Management Certificate Program; or departmental approval. This course examines how to develop, select, implement, administer, and evaluate compensation and benefits programs for all employee groups in order to support the organization's goals, objectives, and values. This course covers the compensation and benefits topics found on the SHRM Assurance of Learning Assessment exam. This course normally offered in the fall semester only.

MGMT 4323 Human Resources Training and Development
3 hours--This course focuses on the design and implementation of learning and development programs that contribute to individual, group, and organizational effectiveness. Topics include needs assessment, learning and transfer of training, program design, training evaluation, and career development. This course covers the human resources training and development topics found on the SHRM Assurance of Learning Assessment exam. This course normally offered in the spring semester only.

MGMT 4623 Leadership
3 hours--Prereq.: 2603 and 3013 or departmental approval. This course begins with a personal exploration of individual leadership abilities

building an awareness of previous held beliefs that support or hinder the development of the students' leadership potential. The course includes significant leadership skills including communication, negotiation, conflict resolution, motivation, relationship creation, collaboration techniques, and culture development. The course outcome includes synthesizing the above topics into a values based authentic leadership statement appropriate for a dynamic and diverse environment. This course normally offered in the spring semester only.

MGMT 4813 PM - Project Management Professional (PMP) Certification Prep Course
3 hours--Prereq.: Departmental approval. The course reviews the project management standards developed by the Project Management Institute (PMI®) and knowledge areas outlined in A Guide to the Project Management Body of Knowledge (PMBOK® Guide).

MGMT 5043 - Special Topics in Management (Subject named in title listing)
3 hours--Prereq.: Departmental approval. In depth study of a selected management topic. Course may be repeated for credit when topics vary.

MGMT 5103 - Introduction to Graduate Business Studies
3 hours--This course is an introduction to graduate business studies. This class provides non-business students with a fundamental understanding of business concepts related to accounting, economics, finance, and marketing needed to be successful in a graduate business program.

MGMT 5203 - Foundations of Management
3 hours--Fundamental concepts in business management including planning, organizing, leading, and controlling are explored through both theoretical and applied lenses. Students will learn how to apply management theory and behavioral research to inform operational decisions. Course topics include organizational strategy and structure, motivation, leadership, and organizational control mechanisms.

MGMT 5503 - Leadership and Organizational Behavior
3 hours--MGMT 5203; or Departmental approval. This course focuses on how managers and leaders develop human capital in organizations. This course covers the methods that managers use to lead high performance employees and teams while also promoting positive job attitudes, job satisfaction, and organizational commitment in complex business environments. Course topics include personality and values, perception and decision making, motivation concepts and applications, group and team behavior, leadership, and organizational culture.

MGMT 5603 - Managing in the Global Economy
3 hours--Prereq.: Departmental approval. This class prepares students to understand and manage the challenges organizations face as participants in today's global economy. Topics include an overview of the pros and cons of globalization; the unique problems faced by global first; the global economic, social, political, cultural, natural and legal environments; global institutions and their roles; global business strategies including importing and exporting; joint venture, franchising, and subsidiaries; global management, marketing and accounting; the special problems of multi-national corporations; recent problems of multinational corporations; the international economic system; and country-risk analysis.

MGMT 5703 - Strategic Management
3 hours--Prereq.: MGMT 5103, FIN 5103; course to be taken in the last semester prior to graduation; or Departmental Approval. This course uses the strategic management process to teach students how to analyze an organization's vision, mission, core values, and strategic goals and objectives; conduct an internal and external analysis of the organization, its industry, and its macroenvironment; formulate business-level, corporate-level, and international strategies; and implement those strategies with the overall goal of achieving a sustainable competitive advantage.

MGMT 5953 - Internship in Management
3 hours--Prereq.: Departmental approval. Specified by employer with consent of Instructor and Department Chair. Provides experiential learning during which the student works under the supervision of a management practitioner. This work experience may be in a supervisory, managerial or leadership role within business. The student is immersed in a variety of intensive work assignments with increased level of responsibility. Limited to students admitted to the Master of Science in Management program.

MGMT 5981-4 - Seminar in Management (Subject named in title listing)
3 hours--Prereq.: Departmental approval. Directed intensive study on selected problems or special topic. Work may be done in any area of management.

MGMT 5991-4 - Individual Study in Management (Subject named in title listing)
3 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports. Work may be done in any area of management.

MIS 1903 Computer Business Applications ■
3 hours--Introduction to the microcomputer and the most widely used personal computer applications software. The student will learn essential computer concepts and the rudiments of operating systems, using a LAN network, writing with a word processor, designing and building spreadsheets and effectively using database management systems. The hands-on approach is used extensively throughout the course.

MIS 3433 Management Information Systems
3 hours--Prereq.: A grade of C or higher in 1903 completed within the last five (5) years; or departmental approval. This course is designed to help the student attain information system literacy, a basic understanding of the value and use of information systems for business organization operations, management decision making, and strategic advantage. The course uses advanced Microsoft Excel to apply MIS concepts.

MIS 3453 Advanced Computer Business Applications
3 hours--Prereq.: A grade of C or higher in 3433, ACCT 2203, and BSEC 2603; or departmental approval. Study of advanced techniques for addressing complex accounting and business problems using microcomputer software packages. Software packages used include advanced Microsoft Excel, Visual Basic, and QuickBooks. Additional database management, project scheduler, and statistical packages may also be used.

MKTG 3313 Principles of Marketing
3 hours--Prereq.: Sophomore standing or departmental approval. A managerial approach to the study of marketing concepts. Emphasis given to planning, pricing, promotion, and physical distribution of a product or service.

MKTG 3333 Digital Marketing
3 hours--Prereq.: A grade of C or higher in 3313; or departmental approval. Through relevant and applicable business examples, this course provides learners the ability to formulate and enact intelligent, data-driven marketing strategies. Core content will focus on identifying and understanding digital marketing metrics to gauge success of both social media and traditional digital marketing efforts. Through an examination of accessible data provided by current technologies, students will further their understanding of the online value chain and how to capitalize on

■ Denotes a Liberal Arts course.

emerging market trends.

MKTG 3353 Retailing and eBusiness Management
3 hours--Prereq.: 3313 or departmental approval. A practical study and comparison of traditional retailing and retailing on the internet, including products and services, buying/procurement, promotion, merchandising/ distribution, payments, customer relationship management, ethics and security with an emphasis on logistics and how the internet has changed retailing. Some attention will also be paid to business marketing. This course normally offered in the spring semester only.

MKTG 3423 Integrated Marketing Communications
3 hours--Prereq.: A grade of C or higher in 3313; or departmental approval. Analysis of advertising and promotional policies with emphasis on Integrated Marketing Communications and development of actionable promotion programs and strategies. This course normally offered in the spring semester only.

MKTG 3813 Professional Selling
3 hours--Prereq.: Junior standing or departmental approval. Skills to understanding the professional personal selling process and the management of a sales organization. Strong emphasis on the communications function of personal selling. Lecture sessions combined with experiential exercises and role playing. This course normally offered in the fall semester only.

MKTG 4413 Marketing Research
3 hours--Prereq.: A grade of C or higher in BSEC 2603, MIS 1903, and 3313; or departmental approval. A study of modern marketing research techniques and their applications by management to problems of marketing strategy, development, implementation, and control. This course normally offered in the fall semester only.

MKTG 4423 Marketing Management
3 hours--Prereq.: A grade of C or higher in BSEC 2603, MIS 1903, and 3313; or departmental approval. A study of marketing from the view of the marketing executive and the firm. Major emphasis is on effective marketing planning, decision making and implementing marketing plans. Contemporary marketing issues and problems are addressed with focus on development of solutions to marketing problems. This course normally offered in the spring semester only.

MKTG 4623 Marketing Analytics and Strategy
3 hours--Prereq.: A grade of C or higher in 3113, BSEC 2603, and MIS 1903; or departmental approval. Capstone course with focus on quantitative decision tools to analyze, plan and implement marketing strategies, programs and tactics. Topics include customer acquisition and retention, market share analysis, segmentation, customer loyalty, return on marketing investment, product performance, customer profitability, pricing strategy, sales force and channel management, and marketing promotion, advertising, and web metrics. This course normally offered in the spring semester.

MKTG 5103 - Advanced Marketing Management
3 hours--Prereq.: Departmental approval. A study of marketing theory as it relates to understanding and managing the marketing function and marketing's role in organizational efforts to produce and deliver value. Topics include the mechanics of marketing management; logistics; marketing planning and strategies; understanding markets; segmenting markets; targeting markets; and developing, communicating and delivering value and building relationships through appropriate marketing mixes.

MKTG 5173 Marketing Analysis
3 hours--Prereq.: Departmental approval. Translates conceptual understanding into specific operational plans. Topics include market analytics and metrics, segmentation targeting and positioning, pricing strategies, product development and selection, sales force utilization, advertising and promotion planning, and the development of the marketing plan.

Courses in Business Communication

(See Courses in Business Administration)

Courses in Business Law

(See Courses in Business Administration)

Courses in Cartography/ GIS

GIS 2253 Initial Concepts in GIS
3 hours--An introduction to the concepts, principles, and theories of GIS, with emphasis on the nature and communication of geographic information. Data collection, storage, manipulation and basic spatial analysis methods are covered.

CARTO 2713 Elements of Data Collection and Field Studies
3 hours--Prereq.: 2253 or departmental approval. Introduction to geographic data collection. Proper organization of field problems, formulation of hypotheses, data identification and acquisition, and analysis will be taught. Base map interpretation (topographic maps, aerial photography, remotely-sensed imagery) and field skills (preparation, field design issues, surveying and instrument use such as GPS and compass) will also be stressed.

GIS 3613 Digital Mapping
3 hours--Prereq.: 2253. Application of cartographic principles for complex and efficient mapping tasks including atlas production, creation of Online and interactive maps, animated mapping, terrain mapping, and perspective graphics.

CARTO 3753 Aerial Photography and Remote Sensing
3 hours--Prereq.: 2253, GEOG 1214, or departmental approval. Interpretation of maps, aerial photographs, and remotely sensed images for geographic research.

GIS 3953 Spatial Analysis ■
3 hours--Prereq.: 2253, 3613 or departmental approval. Methods to spatial problems with an emphasis on geospatial dataset management and control. Exploration of how to identify change, distance, density, and distribution, of geospatial data.

GIS 4753 Spatial Programming ■
3 hours--Prereq.: 3753 or departmental approval. An introduction to common programming and database languages. Topics include data types, control flow, object-oriented programming, relational databases, the definition, manipulation, and retrieval of data, and graphical user interface-driven applications.

CARTO 4941-10 Internship (Field named in title listing)
1 to 10 hours--Prereq.: Sophomore standing or higher, acceptance in approved "Cooperative Education Program" and departmental approval. A supervised work experience in cartography that provides for practical applications in mapping.

GIS 4953 Automating GIS Workflows■
3 hours--Prereq.: 3953. Presentation on advanced digital data structures and the use of software applications for maintaining and utilizing

geographic information. Each student will develop and implement a GIS and analysis model.

CARTO 4981-4 Seminar in Cartography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CARTO 4991-4 Individual Study in Cartography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

GECAR 3233 Geospatial Research Design and Analysis ■
3 hours--Prereq.: CARTO 2253 and a statistics course. Basic techniques and methods of investigation and presentation of data related to spatial research.

GECAR 4653 Senior Capstone Projects
3 hours--Prereq.: 3233 and senior standing. This course requires students to develop, implement and present the results of a substantive individualized project in cartography, GIS, remote sensing and/or geography.

Courses in Chemistry

B/C/P 4113 Methods of Teaching Biological and Physical Sciences
3 hours--Prereq.: EDUC 4042 or 4632. Philosophy, methodology and resources for teaching high school (7th - 12th grade) biology, chemistry, and physics.

CHEM 1114 General Chemistry I ■
4 hours--Prereq. or Coreq.: MATH 1513, MATH 1613 or higher, or departmental approval. This course deals with some of the fundamental laws, theories, definitions, and organizing schemes relating to matter and energy and the changes that take place in them. It is a broad overview of the principles of chemistry and chemical reactivity. Previous exposure to chemistry is not assumed. Three hours lecture and two hours lab weekly.

CHEM 1214 General Chemistry II ■
4 hours--Prereq.: 1114. A continuation of 1114. Solution chemistry, acids and bases, electrochemistry, oxidation-reduction and molecular and ionic equilibria. The laboratory will include an introduction to qualitative analysis. Three hours lecture and three hours lab weekly.

CHEM 1314 General Organic and Biochemistry ■
4 hours--Prereq.: 1114. Three hours of lecture and two hours of lab per week. A continuation of 1114 for students whose majors do not require other chemistry courses. Will complete a thorough, but rounded, foundation in introductory chemistry through focus on selected topics in inorganic, organic, and biochemistry.

CHEM 1324 Chemical Principles
4 hours--Prereq.: Coreq MATH 1513 or equivalent. An introduction to general, organic and biological chemistry for allied health majors with three hours of lecture and two hours of lab per week. This course covers selected topics in general chemistry, organic chemistry, and biological chemistry. Topics covered in lecture and lab include measurements, atomic structure, bonding, kinetics, acids/bases, gases, nomenclature, states of matter, solutions, stoichiometry and reactions, oxidation-reduction, hydrocarbons, functional groups, carbohydrates, lipids, proteins, enzymes, and metabolic pathways. May not be applied to a major or minor in chemistry, family and consumer science, kinesiology, physics, biology, or environmental health science. This course is not a substitute for CHEM 1114.

CHEM 2881-4 Special Studies in Chemistry (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CHEM 3114 Organic Chemistry I ■
4 hours--Prereq.: 1214. Theory includes structure, nomenclature, physical properties, and reaction mechanisms pertinent to the chemistry of hydrocarbons of both the aliphatic and aromatic series. Lab work provides an introduction to syntheses and reactions of hydrocarbons including common purification techniques. Proper record keeping of experimental work also is stressed. Three hours lecture and three hours lab weekly.

CHEM 3124 Chemistry of Food ■
4 hours--Prereq.: 3114 and a grade C or better in BIOL 1114. Overview of the chemical, physical and biological properties of food components with lab emphasizing chemical, physical and biological changes in foods during processing and storage

CHEM 3214 Quantitative Analysis I ■
4 hours--Prereq.: 1214. A course in the fundamentals of gravimetric and volumetric analysis with emphasis on chemical equilibrium, calculations, separation techniques, and analysis of complex substances. Three lecture and three laboratory hours weekly.

CHEM 3314 Quantitative Analysis II ■
4 hours--Prereq.: 3214. Continuation of 3214.

CHEM 3484 Instrumental Analysis ■
4 hours--Prereq.: 3214. A study of emission and absorption spectrophotometry, separation techniques, and electrical analytical methods. Laboratory determinations will be performed using atomic absorption, gas chromatography, mass spectrometry, IR, UV, and visible spectrophotometry, flame emission, and other modern methods of analysis. Two hours lecture and four hours laboratory weekly. Formal laboratory reports will be required.

CHEM 4114 Organic Chemistry II ■
4 hours--Prereq.: 3114. Structure, nomenclature, physical properties, and reaction mechanisms pertinent to the chemistry of hydrocarbon derivatives (alkyl halides, alcohols, aldehydes, ketones, carboxylic acids, amines, etc.) are covered. Lab work includes syntheses, purification, identification (stress on I.R. spectroscopy), and lab record keeping. Three hours lecture and three hours lab weekly.

CHEM 4213 Biochemistry ■
3 hours--Prereq.: 3114. An introduction to the chemistry of living systems. The structure, nomenclature, and chemical properties of the major groups of biomolecules (carbohydrates, lipids, proteins, nucleic acids) are covered. The biochemical nature of enzymes, coenzymes, hormones, and selected metabolic pathways also are presented.

CHEM 4221 Biochemistry Laboratory ■
1 hour--Prereq. or Coreq.: 4213. Three hours of lab per week. Techniques (chromatography, electrophoresis, spectroscopy, etc.) for the preparation, identification, and quantification of representative biomolecules are covered. Attention also is given to the properties of enzymes and to the kinetics of enzyme catalyzed reactions.

CHEM 4312 Teachers' Course in Chemistry
2 hours--Prereq.: Departmental approval. Problems and methods in the teaching of chemistry.

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CHEM 4413 Advanced Inorganic Chemistry ■
3 hours--Prereq.: 1214 and MATH 2825. A study of periodic arrangement of the elements, the chemistry of the representative and transition elements, and aspects of theoretical inorganic chemistry including chemical bonding, molecular symmetry, coordination chemistry, acid-base concepts, and organometallic compounds. Three hours of lecture weekly.

CHEM 4421 Advanced Inorganic Chemistry Laboratory ■
1 hours--Prereq.: 4413 or concurrent enrollment. Three hours of laboratory per week. Techniques (solid-state synthesis, x-ray diffractometry, Fourier Transform Infrared Spectroscopy, including diffuse reflectance spectroscopy, etc.) for the synthesis, identification, and characterization of representative inorganic compounds are covered.

CHEM 4514 Physical Chemistry I ■
4 hours--Prereq.: 1214, MATH 2825, and PHYS 1214. A fundamental course in the principles and applications of physical chemistry, including the gas laws, thermodynamics, thermochemistry, solution chemistry, phase equilibria, chemical equilibrium, kinetics, and electrochemistry. Three hours lecture and four hours laboratory weekly.

CHEM 4523 Advanced Biochemistry
3 hours--Prereq.: 4114 and 4213. A continuation of 4213, the metabolic pathways of the major groups of biomolecules including the synthesis of lipids (fatty acids and hormones and vitamins), proteins (and amino acids), and nucleic acids will be discussed. Photosynthesis and an emphasis on how these processes are controlled and integrated throughout the cell will also be presented.

CHEM 4531 Advanced Biochemistry Laboratory
1 hour--Prereq.: 4114 and 4213. Prereq. or Coreq.: 4523. Three hours of lab per week. Current techniques in the purification and characterization of enzyme to demonstrate fundamental principles that are utilized in modern biochemistry and molecular biology research laboratories. Practical skills taught include micropipetting, basic solution preparation, conducting pH measurements, isolating crude enzyme extracts, and performing standard activity assays. Problem-solving methodology in biochemistry; discussion of recent advances in areas related to the subject matter will also be covered.

CHEM 4614 Physical Chemistry II ■
4 hours--Prereq.: 4514. A continuation of 4514 emphasizing quantum theory, atomic structure, symmetry, molecular spectroscopy, statistical mechanics, and nuclear chemistry. Three hours lecture and four hours laboratory weekly.

CHEM 4981-4 Seminar in Chemistry (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CHEM 4991-4 Individual Study in Chemistry (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

CHEM 5981-4 Seminar in Chemistry (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

CHEM 5991-4 Individual Study in Chemistry (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours chemistry. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Chickasaw

CHI 1113 Chickasaw I ■
3 hours--Introduction to elements of grammar, pronunciation, vocabulary-building skills, conversation, and easy reading activities of the Chickasaw language. The history and culture of the Chickasaw Nation will also be emphasized.

CHI 2113 Chickasaw II ■
3 hours--Prereq.: 1113. Continuation of the elements of grammar, pronunciation, and vocabulary-building skills, conversation, and reading activities of the Chickasaw language within its everyday contexts. The history and culture of the Chickasaw Nation will continue to be emphasized.

CHI 3113 Chickasaw III ■
3 hours--Prereq.: 2113. Continuation of the structure of the Chickasaw language with increased attention to its phonology, morphology and syntax. Vocabulary expansion and conversational practice will continue to be emphasized as well as the history and culture of the native speech community.

CHI 4113 Chickasaw IV ■
3 hours--Prereq.: 3113. A systematic review of the Chickasaw language. Vocabulary expansion and conversational practice will be emphasized as well as the history and culture of the native speech community.

Courses in Choctaw

CHO 1113 Choctaw I ■
3 hours--Introduction to elements of grammar, pronunciation, vocabulary-building skills, conversation, and easy reading activities of the Choctaw language. The history and culture of the Choctaw Nation will also be emphasized.

CHO 2113 Choctaw II ■
3 hours--Prereq.: 1113. Continuation of the elements of grammar, pronunciation, and vocabulary-building skills, conversation, and reading activities of the Choctaw language within its everyday contexts. The history and culture of the Choctaw Nation will continue to be emphasized.

CHO 3113 Choctaw III ■
3 hours--Prereq.: 2113. Continuation of the structure of the Choctaw language with increased attention to its phonology, morphology and syntax. Vocabulary expansion and conversational practice will continue to be emphasized as well as the history and culture of the native speech community.

CHO 4113 Choctaw IV ■
3 hours--Prereq.: 3113. A systematic review of the Choctaw language. Vocabulary expansion and conversational practice will be emphasized as well as the history and culture of the native speech community.

Courses in Communication and Performance Studies

COMM 1113 Fundamentals of Human Communication ■
3 hours--Overview of the human communication process as it occurs

in interpersonal, group, and public speaking contexts. Principles and techniques of preparing for, participating in, and evaluating communication behavior at the interpersonal, group, and public speaking levels.

COMM 1632 Movement for the Stage ■
2 hours – A study in the organic connections among action, concept, and emotion to promote the development of specific movement and/or spatial theories, techniques and qualities for the actor.

COMM 2111 Showtimw
1 hour -- Prereq.: Enrollment by audition. Practical application of musical theatre literature and vocal techniques through public performance, showcases, outreach opportunities, and touring. May be repeated for credit. Enrollment by audition.

COMM 2153 Interpersonal Communication ■
3 hours--A study of the processes and effects of interpersonal communication. Provides practical experiences so students can evaluate interpersonal successes and failures, and improve interpersonal relationships.

COMM 2253 Communication in the Workplace ■
3 hours--Fundamental communication skills for students planning to enter business and professional settings. Focus on interpersonal and group communication, interviewing and public speaking.

COMM 3133 Organizational Communication ■
3 hours--Study of the functions of communication in human organizations. Focus on the juncture of organizational and communication theories.

COMM 3213 Persuasion ■
3 hours--A study of factors involved in attitude change, and their application in oral communication situations.

COMM 3223 Gender Communication ■
3 hours--A study of gender communication and how perceived differences in gender affect communication. The course acknowledges cultural gender construction and how it supports or obstructs the ability to communicate across the gender continuum. Students will learn to analyze the power structures that constitute gender differences in communication.

COMM 3243 Presentational Communication ■
3 hours--Study of team and individual oral presentations. Practice in both group presentation and public address.

COMM 3311 Musical Theatre Ensemble
1 hour -- Prereq.: 1413, Voice (2 semesters); and Piano (1 semester) or MUS 1113. Study of scenes and songs from major classical musicals culminating in a prepared public performance. Emphasis on exploring practical techniques of interpretation and expression in order to integrate singing and acting skills into the vocal, physical, and mental aspects of performing. May be repeated for credit.

COMM 3321 Musical Theatre Voice
1 hour -- Prereq.: Voice (MUS 4 semesters). Advanced vocal techniques for musical theatre including mixing and belting. Emphasis on the study of advanced musical theatre repertoire appropriate to the student's vocal range. May be taken three times for credit.

COMM 3463 Audition for Theatre
3 hours -- Prereq.: 1413 and departmental approval. Theatre audition techniques.

COMM 3613 Group Dynamics ■
3 hours--A study of the communication dynamics of groups. The course includes study of roles and relationships, cohesion, conflict and power, leadership, decision making and problem-solving, group climate, resource allocation, and group evaluation.

COMM 4013 Crisis Communication ■
3 hours--Crisis Communication involves discussing/researching major concepts relevant to understanding organizational crises and disasters, including culture, and social media/technology. Students will participate in crisis/disaster simulated crisis scenarios.

COMM 4183 Theories of Human Communication ■
3 hours--Prereq.: 1113 or 2253. Survey of theories designed to explain how humans interact. Includes verbal, nonverbal, interpersonal, group, organizational, political, intercultural, and mass communication.

COMM 4423 Intercultural Communication ■
3 hours--An overview of the study of cultures and their effects on communication. The focus of study is to provide students with a familiarity with a variety of cultures and how language (both verbal and nonverbal) influence how we respond to other people. Through the study, students become more aware of other cultures' similarities and differences, increase their knowledge of ethnical issues and how they impinge on our culture, and find means of communicating better with people from other cultural and ethnic backgrounds.

COMM 4473 Children's Theatre
3 hours--Approaches to creative play-making for and with children. Dramatization of children's literature; play selection and production techniques for children's theatre performances and involvement dramas. Materials, techniques, and procedures for conducting sessions in creative dramatics.

COMM 4521 Senior Project in Dance
1 hour--Prereq.: Departmental approval. A study in student directed repertory for the presentation and management of new choreographic works, through auditions, rehearsals, productions, and performances in university settings.

COMM 4922 Methods of Teaching Speech and Debate
2 hours--Prereq.: 15 hours COMM and admission to Teacher Education. A study of the methods of teaching speech and debate in the secondary schools, including such topics as lesson-planning, philosophies, book selection, discipline, directing extra-curricular activities (debate team, forensics competitions), and instructional strategies.

COMM 4942 Methods of Teaching Theatre
2 hours--Prereq.: 15 hours COMM and admission to Teacher Education. A study of the methods of teaching theatre in the secondary schools, including such topics as lesson-planning, philosophies, book selection, discipline, directing extra-curricular activities (play directing, one-act competition), and instructional strategies.

COMM 4954 Methods of Teaching Speech/Drama/Debate
4 hours--Prereq.: 15 hours Speech, admission to Teacher Education. A study of the methods of teaching speech in the secondary schools, including such topics as lesson-planning, philosophies, book selection, discipline, directing extra-curricular activities, and instructional strategies.

COMM 5981-4 Seminar in Communication (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

COMM 5991-4 Individual Study in Communication (Subject named

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in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours speech. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports.

MUS 3503 History of Musical Theatre ■
3 hours --A comprehensive introduction and critical study of the history of American musical theatre and its place in relation to art, literature, politics, custom, and society. Recognition of styles and forms from studying and listening to examples from representative repertoire.
PSCOM 3863 Mass Media and U.S. Politics ■
3 hours--Prereq.: PS 1113 or departmental approval. An examination and assessment of the power and influence of the mass media in U.S. politics; emphasis will be centered on the medium of television.

Courses in Computer Science

CMPSC 1113 Computer Programming I ■
3 hours--Prereq. MATH 1513, MATH 1613, or departmental approval. Introduction to the theory and techniques of programming using high level languages. Equivalent to course CS1 of the Association for Computing Machinery recommended curriculum.

CMPSC 1133 Computer Programming II ■
3 hours--Prereq.: 1113 or departmental approval. Modern programming techniques, including top-down design, bottom-up design, and structured techniques are studied. The language of instruction is a modern, structured programming language. This course is equivalent to course CS2 in the Association for Computing Machinery recommended curriculum.

CMPSC 1513 Computer Literacy ■
3 hours--A multidisciplinary study of concepts, terms, and trends in computing, augmented with database, spreadsheet, word processing and internet skills. This course equips the student to function in the information age.

CMPSC 2213 Computer Languages (Language named in title listing) ■
3 hours--Prereq.: 1133 or departmental approval. Programming applications and techniques using the specified language. Equivalent to course CS5 of the Association for Computing Machinery recommended curriculum.

CMPSC 3323 Internet Programming ■
3 hours--Prereq.: 1133. Technical issues concerning the Internet and programming on the Internet, including hypertext document creation and delivery, client-server systems, graphics, server interface programs, and appropriate languages.

CMPSC 2881-4 Special Studies in Computer Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CMPSC 3113 Operating Systems ■
3 hours--Prereq. or Coreq.: 3613, CPSMA 2103. The functions of an operating system including the file system, the resident monitor, interrupt processing, multiprocessing, and timesharing systems. Equivalent to course CS6 of the Association for Computing Machinery recommended curriculum.

CMPSC 3213 Organization of Programming Languages ■
3 hours--Prereq.: 1133. The syntax, organization, and run-time behavior of several high-level programming languages is explored. Block structured languages, data types, control structures and data flow, and management of storage are examined. This course is equivalent to course CS8 in the Association for Computing Machinery recommended curriculum.

CMPSC 3233 Linux Tools ■
3 hours--Prereq.: 1113. Using the tools available under the Linux system, including software development tools.

CMPSC 3313 Advanced Computer Languages (Subject name in title listing)
3 hours--Prereq.: CMPSC 1133, CPSMA 2103. Advanced study of a programming language which may include topics such as object-oriented programming, client-server communications, database interface, cryptography, web programming, and other language specific features. This course may be repeated with different language for credit.

CMPSC 3543 Object Oriented Programming ■
3 hours--Prereq. or Coreq.: CPSMA 2103. Object oriented soft-ware development is studied using C++ or other modern object oriented language. Topics covered include classes, inheritance and polymorphism.

CMPSC 3613 Computer Architecture ■
3 hours--Prereq.: 1133. Architecture including number systems, CPA, arithmetic, primary and secondary memory. Instruction sets and assembler level programming. Equivalent to course CS3 in the Association for Computing Machinery recommended curriculum.

CMPSC 3943 Software Design and Development ■
3 hours--Prereq.: CPSMA 2103. The software development life cycle and concepts of large-scale software development are explored. Significant software project work will also be accomplished. The team programming concept is utilized. This course is equivalent to course CS14 in the Association for Computing Machinery recommended curriculum.

CMPSC 4213 Data Base Design ■
3 hours--Prereq.: CPSMA 2103. Several data models are examined, with emphasis on relational models. Data base design is studied, and applications are implemented. Equivalent to course CS11 of the Association for Computing Machinery recommended curriculum.

CMPSC 4223 Unix System Administration ■
3 hours--Prereq.: CPSMA 2103 or departmental approval. Administration of Unix timesharing systems, including spooling, installation, maintenance, and intercomputer communications.

CMPSC 4273 Modeling and Simulation Using Parallel Computing
3 hours--Prereq.: 1113 or departmental approval. Methods, science, algorithms, and practice of modeling and simulation processing using small to large scale parallel computing. Topics include: electromagnetics, climate/weather, aircraft modeling, DNA-related bioinformatics, medical imaging, gaming, artificial intelligence (AI), and natural language processing areas.

CMPSC 4473 Theory of Programming Languages ■
3 hours--Prereq.: 3943 or departmental approval. The design and construction of compilers. The theory of parsing, language theory, and general parsing methods are covered. Context free and context dependent languages and deterministic parsing methods are studied. This course is equivalent to course CS15 in the Association for Computing Machinery recommended curriculum.

CMPSC 4881-4 Practicum in Computer Science
1 to 4 hours--Prereq.: Twelve hours computer science and departmental approval. Supervised practical experience in a computer center working

with an application which is in production or one which will be put into production.

CMPSC 4981-4 Seminar in Computer Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CMPSC 4991-4 Individual Study in Computer Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

CMPSC 5981-4 Seminar in Computer Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

CMPSC 5991-4 Individual Study in Computer Science (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours in computer science or nine hours in computer science and a course in statistics. Directed intensive study on definite problem or special subject; based on approved outline or plan; conferences, oral and written reports.

CPSMA 2103 Data Structures ■
3 hours-- Prereq. CMPSC 1133. Basic concepts of data structures, stacks, queues, trees, tables, hashing, lists, strings, arrays, files, and applications to various areas of computer science.

CPSMA 2923 Data Structures and Algorithm Analysis ■
3 hours--Prereq.: CMPSC 1133; Prereq. or Coreq.: MATH 2613 or 2825. Basic concepts of data structures, stacks, queues, trees, tables, hashing, lists, strings, arrays, files, and applications to various areas of computer science. Equivalent to course CS7 in the Association for Computing Machinery recommended curriculum.

CPSMA 3103 Algorithm Analysis ■
3 hours-- Prereq.: MATH 2825 or MATH 2613. This course provides an introduction to the analysis of algorithms. Topics include: common algorithms used in programming, sorting, searching, graph traversal, hashing, divide-and-conquer, dynamic programming, greedy algorithms, algorithmic complexity (worst/average/best case analysis for time/space), NP complexity, and NP-complete problems

CPSMA 3813 Data Mining ■
3 hours--Prereq.: CPSMA 2103 and MATH 1223. Introduction in knowledge discovery and data mining, including basic concepts of data analysis in databases, discovering patterns in data, knowledge interpretation, and extraction. Topics include machine learning techniques such as association rule mining, classification, clustering, predication, text mining, and Web mining.

CPSMA 3913 Discrete Mathematics ■
3 hours--Prereq.: CMPSC 1113; and MATH 2825 or MATH 2613 or departmental approval. An introduction to areas of mathematics with direct applications to computer science. Topics covered include sets, functions, elementary propositional and graph theory, matrices, proof techniques, combinatorics, probability, and random numbers.

CPSMA 3933 Operations Research ■
3 hours--Prereq.: 2613 or 2825. A survey of operations research techniques as applied to quantitative decision making. Topics include the linear programming model and other optimization techniques applied to inventory, transportation, assignment, network models, project scheduling, and simulations.

CPSMA 4313 Data Processing and Visualization ■
3 hours--Prereq.: CPSMA 2103 and MATH 1223
Addresses fundamental concepts and techniques in summarizing data, managing, and presenting pictorial representations of complex data for effective data-driven decision making. Topics include state-of-the-art modeling, data cleansing, analysis and visualization techniques of complex high dimensional data as well as plotting and data graphics systems using various tools.

CPSMA 4373 Network Science
3 hours--Prereq.: 1113 or departmental approval. Provides an introduction to network science. Modeling of systems as networks, using graph theory, from a variety of disciplines is explored. Analysis algorithms for networks and the challenges associated with applying them to large scale networks are presented. Related software for network analysis is studied. The course will focus on the applications of complex network analysis to fields such as biology, cyber-security, and social networks.

CPSMA 4413 Numerical Methods ■
3 hours--Prereq.: MATH 3025, CMPSC 1113, or departmental approval. An introduction to basic numerical analysis with emphasis upon numerical methods and error analysis in the study of such topics as power series, solutions of equations and systems of equations, integration and differentiation, convergence, and solutions of ordinary differential equations.

CPSMA 4513 Data Applications in Business
3 hours--Prereq.: MATH 3025. Applications of data techniques with an emphasis on real-world problem solving utilizing problems from business, industry and government. Topics include regression analysis, Markov chains, error analysis, Monte Carlo simulations, and big data. Emphasis will be made to professional coding and presentations.

Courses in Criminal Justice

CJSOC 4313 Criminology ■
3 hours--Prereq.: SOC 1113. The cause, prevention and treatment of crime.

CRJS 2233 Introduction to Criminal Justice
3 hours--An overview of the criminal justice system, to include police, courts, and corrections as they pertain to both adults and juveniles. An understanding of the participants, and their roles, in accomplishing the missions of the criminal justice system.

CRJS 2253 Adult Correctional Systems
3 hours--This course is designed to provide an understanding of the Adult Correctional system, both in Oklahoma and on a nationwide basis. The course will provide the student with information regarding the entire field of Adult Corrections.

CRJS 2353 Juvenile Justice System
3 hours--This course is designed to provide an understanding of the Juvenile Justice System, both in Oklahoma and on a national basis. The major areas explored will be diversion and treatment goals.

CRJS 2453 The Police Function
3 hours--Police systems established in America and abroad; functions and activities; division and subdivisions with responsibilities of each. Special emphasis is placed on constitutional rights, rules, principles and concepts governing arrest, search, and seizure.

CRJS 2881-4 Special Studies in Criminal Justice (Subject named in

title listing)
1-4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CRJS 3013 Introduction to Narcotics Enforcement ■
3 hours--This course provides an intriduction to topics in narcotics. Topics include, but are not limited to, narcotics investigation, current drug trends, patrol level surveillance, and introductory narcotics identification.

CRJS 3203 Victimology ■
The purpose of this course is to introduce the field of victimology. An interdisciplinary and contextual approach will be used to explore criminal victimization, and consider the role of intrapersonal, interpersonal, familial, peer, community, and mass media influences. Students will be introduced to the development of the field, the criminal justice system's responses to victimization, subareas of victimology, and policy development.

CRJS 3333 Criminal Behavior
3 hours--Prereq.: 2233. A review of historical and current theories regarding the causes of criminal behavior. Study of the major types of criminal offenders.

CRJS 3423 Introduction to Law Enforcement
3 hours--Prereq. or Coreq.: 2233. An in-depth study of Oklahoma's substantive and procedural criminal laws related to the regulation of the criminal justice system.

CRJS 3503 Rural Criminology ■
Rural criminology is a field within criminology that acknowledges the impact of rurality andcommunity size on the incidence of crime, type of crime, and resources to respond to crime.In this course, criminological theory will be applied to rural areas to explain how social,cultural, and economic forces influence crime in rural areas of the United States.

CRJS 3643 Criminal Justice Issues
3 hours--Focus on contemporary issues concerning the philosophy, management and operations of criminal justice agencies. The scope and direction of this course is determined by the instructor.

CRJS 3653 Alternatives to Incarceration
3 hours--All public and private resources are reviewed pertaining to effectively treating the offenders' unacceptable behavior in the community rather than in prison. The impact of community treatment centers, group homes, and halfway houses on the individual and the community, the effectiveness of individual, group, and family therapies on the offender are examined.

CRJS 4003 Advanced Search and Seizure ■
3 hours--This course provides and in-depth overview, analysis, and practice of the Fourth Amendment and current search and seizure law. In this course students will learn techniques to write strong warrant affidavits, techniques of search warrant execution, and improve upon any existing skills in search and seizure.

CRJS 4293 Police Administration
3 hours--A comparative survey and analysis of administrative philosophy, problems, procedures, organizations, contemporary human resources trends (i.e., recruitment selection, A.D.A., E.E.O.C., Affirmative Action, diversity) for effective agency organization. Considers administrative skills relating to operations and personnel.

CRJS 4333 Criminal Investigation I
3 hours--Prereq. or Coreq: 2423. Introduction to the fundamentals of criminal investigation, including theory and history, conduct at crime scenes, collection and preservation of evidence.

CRJS 4343 Criminal Investigation II
3 hours--Prereq.: 4333. Advanced techniques in criminal investigations including forensic examinations of crime scenes and trace evidence. Police responses to crime will include fingerprint lifting and preservation of evidence, as well as methods of identifying perpetrators.

CRJS 4503 Criminal Justice in Indian Country ■
This course focuses on tribal crime data collection, crime trends, and other critical justice issues in Indian Country. Topics covered in this course include the historical development and complexities of law enforcement and legal jurisdiction, victimization, and law enforcement in Indian Country.

CRJS 4473 Legal Aspects of Criminal Justice Process
3 hours-- An in depth study of the constitutional basis for law in the U.S. The course will examine the relationship of the judicial process and constitutional law to criminal justice practice. Special emphasis will be placed on case decisions.

CRJS 4623 Interrogation Techniques
3 hours--Prereq. or Coreq.: 2423. This course is in compliance with the Council on Law Enforcement Education and Training (CLEET) requirements, and is constructed specifically for law enforcement officers. The focus of this course is to prepare for and to conduct interviews and interrogations incorporating non-verbal kinetics (body language) techniques, grammatical clues to indicate deception, verbal behavior analysis, and evasive verbal responses during interviews and interrogations.

CRJS 4941-12 Internship (Field named in title listing)
1-12 hours--Prereq.: Retention grade point average of 2.5 and departmental approval. Each student is required to complete a total of twelve hours (usually one semester) of field training consisting of full-time work in an approved setting. Under special circumstances, alternative arrangements may be approved.

CRJS 4981-4 Seminar in Criminal Justice (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

CRJS 5013 Administration in the Criminal Justice System
3 hours--An overview of criminal justice administration concentrating primarily on issues which are unique to the various criminal justice areas. The class will focus on interdepartmental and interdepartmental functions within the criminal justice system.

CRJS 5113 Political and Legal Aspects of the Criminal Justice System
3 hours--This course is designed to help the student understand the impact of political and legal decisions on the criminal justice system. Emphasis will be placed on the student's understanding of how agencies within the criminal justice system can function within a legal political climate.

CRJS 5213 Litigation in the Criminal Justice System
3 hours--The primary focus of this course will be on individual and agency liability. The course will include issues in the scope and breadth of liability, confinement, and discussion of ways to provide individual and agency protection from liability.

CRJS 5313 Interrogation/Report Writing
3 hours--The focus of this course is to provide students with an

understanding of effective interrogation techniques. The student will be familiarized with various types of reports and documentation necessary in the criminal justice system.

CRJS 5323 Foundations of the Criminal Justice Profession
3 hours--To provide students with a thorough knowledge of the criminal justice system. All major aspects of criminal justice will be covered. The course will provide the framework for all other required courses.

CRJS 5333 Crime Reduction Strategies
3 hours--This course examines crime prevention as an alternative to a reactive criminal justice operations. It reviews current theories of, and leading research on, the main approaches to preventing crime, including developmental, situational, and community prevention. A special focus is placed on assessing the effectiveness of prevention programs and policies.

CRJS 5433 Advanced Criminological Theory
3 hours--Examination of classic and contemporary theoretical explanations of crime from multiple criminological perspectives including classical, biological, psychological, and sociological theories. Analysis of crime patterns and crime correlates and substantive focus on the application of such theories to criminal justice agencies, community, and society.

CRJS 5553 Practicum in Criminal Justice
3 hours--Prereq.: Departmental approval. This course provides structured experiences in different areas of criminal justice administration. The student will be directed towards the integration and application of decision making, evaluation and supervisory skills.

CRJS 5981-4 Seminar in Criminal Justice (Subject named in title listing)
1-4 hours--Directed intensive study on selected problem or special topic.

Courses in Economics

(See Courses in Business Administration)

Courses in Education and Library Science

EDLBS 4913 Children's Literature
3 hours--Introduction of a variety of literary materials to utilize and support teaching pre-kindergarten and elementary-age learners. Resources represents diverse developmental levels, cultural contexts, information needs, literary merit, and concepts that support learner engagement, interest and inquiry.

EDLBS 5333 Administration and Use of Instructional Media
3 hours--Familiarizes students with a broad range of instructional media for designing instruction in physical and virtual school library learning environments and with principles and techniques related to the selection, administration, and evaluation of instructional media and technology, as well as designing a school community learning facility.

EDLBS 5913 Advanced Children's Literature
3 hours--Types of materials used with pre-kindergarten and elementary-age children; evaluation of materials according to literary value and age placement.

EDMA 5243 Assessment and Treatment of Mathematics Difficulties
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course will examine difficulties students have with acquisition of typical arithmetic skills. The focus will be on diagnosing and determining interventions for at risk students (i.e., students with dyscalculia and/or other mathematics-related deficits) in processing, memory, mathematics language skills, sequencing, and attitudinal/emotional factors. Individual assessment and error analysis will be used to determine interventions.

EDMA 5663 Mathematics Leadership and Mentoring
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course will provide students with the most current understanding of mathematics consultation and mentoring. Topics will include leadership for school mathematics programs, collaboration with teachers and other professionals, data analysis, curriculum issues, knowledge of mathematics standards, and facilitation of professional development. These foundations will provide students with experience in working with teachers to improve instructional practice as well as student achievement. An emphasis will be placed on mastering the complexities of observing and modeling in classrooms and providing feedback to teachers.

EDMA 5713 Number Concepts and Operations - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of number concepts and operations as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in number concepts and operations. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5723 Geometry and Measurement - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of geometric ideas as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in geometrical reasoning. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5733 Data Analysis and Probability - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of data analysis and probability as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in data analysis and probability. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5743 Algebra and Functions - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of algebraic ideas as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in algebraic reasoning. Special attention

will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDPSY 3513 Educational Psychology
Prereq.: Admission to Teacher Education; Coreq.: EDUC 3001. Candidates will apply psychological theories to classroom practice. Primary course topics include child developmental needs, methods of varied assessment and means to create a productive learning environment within the classroom. Candidates in this course will also learn effective classroom management strategies and varied motivational strategies to ensure developmental needs of students are effectively met

EDPSY 5143 Introduction to School Psychological Services
3 hours--Prereq.: Departmental approval. Explores the role and function of School Psychometrists and School Psychologists, including responsibilities, credentialing, professional ethics, legal implications, referral sources, assessment and placement, consultation, intervention strategies, professional affiliations, and the role of School Psychometrists and School Psychologists in the administration of public education. Special emphasis given to the role of School Psychometrists and School Psychologists with respect to special needs children. This is not an approved elective for Counseling Psychology (0860) students.

EDPSY 5163 Cognitive Behavioral Theories and Methods of Counseling and Psychotherapy
3 hours--Exploration and examination of theories and techniques utilized when functioning as a counselor or therapist within a cognitive and/or behavioral conceptual framework. Personality and behavior change is considered within the framework of a cognitive and/or behavioral perspective. Included are theories and techniques such as Rational-Emotive Therapy, Beck's Cognitive Therapy, Cognitive-Behavior Modification, Social Learning Theory and Milieu Therapy, and various approaches based upon operant and classical conditioning including systematic desensitization.

EDPSY 5353 Standardized Group Tests
3 hours--Theoretical rationale underlying the use of educational and psychological tests for the description, evaluation, prediction, and guidance of behavior: emphasizing those tests used in schools for the evaluation of academic areas, as well as those used in such settings as guidance centers and employment agencies.

EDPSY 5363 Career Development
3 hours--A variety of training experiences designed to prepare guidance personnel with competencies to provide their counselees with career development skills.

EDPSY 5373 Personality Assessment for Children
3 hours--Prereq.: EDPSY 5353 or PSYCH 4213. The study of methods and techniques for assessing children's behavior and their social and emotional development. The course will include formal and informal methods of assessing both internalizing and externalizing problems. Objective and projective methods will be studied. Students will be prepared to work in both educational and clinical settings.

EDPSY 5403 Non-Traditional Assessment
3 hours--Prereq.: 5353. A study of alternative methods of child assessment including functional behavior assessment, standardized curriculum-based measurements, such as the Dynamic Indicators of Basic Early Literacy Skills (DIBELS), and response to intervention models of assessment. The primary focus of this course is learning assessment techniques that directly inform intervention. The course will include discussions about using such techniques to meet Federal requirements for Special Education eligibility.

EDPSY 5433 Affective Theories and Techniques of Counseling and Psychotherapy
3 hours--Prereq.: 5163. Exploration and examination of theories and techniques utilized when functioning as a counselor or therapist within an affective conceptual framework. Personality and behavior change is considered within the framework at an affective perspective. Included are theories and techniques such as client-centered therapy, Gestalt therapy, Existential therapy, Psycho-analytic therapy, and Reality therapy.

EDPSY 5493 Practicum in School Psychology
3 hours--Prereq.: 5163, 5693, PSYCH 5313 and 5473. The student will spend a minimum of 150 clock hours in an appropriate setting under the supervision of a Credentialed School Psychologist or a Licensed Psychologist.

EDPSY 5553 Practicum in Counseling ■
3 hours--Prereq.: 5433, EDUC 5413, PSYCH 5183, 5373, and 5403. The student will spend a minimum of 150 clock hours in supervised practical experience in professionally appropriate counseling and psychological activities at a facility engaged in furnishing psychological, medical, rehabilitative, counseling, or other socially relevant human services to a client population. Students will develop and refine competencies in the application of psychological principles and skills in order to function effectively as providers of counseling and psychological services. May be repeated for a maximum of 6 hours with department approval.

EDPSY 5593 Internship in School Psychology I
3 hours--Prereq.: 5493. The intern will spend a minimum of 600 clock hours under the supervision of a Credentialed School Psychologist or a Licensed Psychologist. The internship is a 2 semester experience which earns 3 credit hours a semester. Student will enroll in EDPSY 5613 Internship II after EDPSY 5593 Internship I has been completed for the remainder of the internship experience.

EDPSY 5613 Internship in School Psychology II
3 hours--Prereq.: 5593. The intern will spend a minimum of 600 clock hours under the supervision of a Credentialed School Psychologist or a Licensed Psychologist. This course is the second part of a two-semester experience. The student will have completed EDPSY 5593 Internship I before enrolling in EDPSY 5613 Internship II.

EDPSY 5693 Practicum in School Psychometry
3 hours--Prereq.: 5143, 5353, 5403, PSYCH 5403 and 5433. The student will spend a minimum of 150 clock hours in an appropriate setting under the supervision of a Credentialed School Psychometrist or a Licensed Psychologist.

EDPSY 5961-2 (Subject named in title listing)
1 to 2 hours--Prereq.: Departmental approval. Directed group study on a special topic, normally of short duration. Grading is "P" or "F".

EDUC 0111 Developmental Reading
1 hour--Through diagnostic procedures an individualized reading improvement program will be developed. The individualized diagnostic profile will focus upon vocabulary and reading comprehension improvement. Grading is "P" or "F".

EDUC 1113 Reading Improvement I
3 hours--This course is designed to assist the student in the acquisition of a larger sight vocabulary and more functional word attack techniques. There will be diagnostic procedures followed by an individualized program in order to maximize the improvement of various weaknesses. Comprehension will be stressed as suggestions are made to improve speed.

EDUC 2012 Diversity in American Education
2 hours--Prereq: 36 hours of completed coursework; Coreq.: 2211 and

2631. Historical and philosophical foundations of multiculturalism and diversity, with practical application of culturally responsive pedagogy in American education. Elements of overall professionalism and the teaching profession.

EDUC 2211 Field Experience I
1 hour--Coreq.: 2012. A 25 clock-hour laboratory experience in which potential teacher candidates observe in elementary, middle/junior high, and high schools to acquire a more mature perspective of the stages of development of students and the roles of teachers and other professionals.

EDUC 2312 Special Education Practicum and Procedures (Area named in title listing)
2 hours--Prereq.: Departmental approval. A course designed to provide supervised opportunities for observation and contact with exceptional children so that the student might have an overall view of activities encompassed in the teaching of special education.

EDUC 2402 Survey of Exceptional Children ■
2 hours--An introduction to intellectual, behavioral, sensory, physical, and learning development of special needs students within the general education classroom. Students will gain understanding of the impact developmental needs of learners in a diverse classroom environment. Students will gain understanding of both state and federal regulations which impact students with exceptionalities. A minimum of five hours interaction with individuals who have disabilities is required in this course.

EDUC 2631 Foundations of Educational Technology
1 hour--Prerequisites:36 hours of completed coursework. Coreq.: 2012 and 2211. This course is designed to prepare teacher candidates with hands-on opportunities to use productivity tools for enhancement of digital literacy communication in their future classroom. There will be a focus on introducing a variety of educational applications of technology.

EDUC 2881-4 Special Studies in Education (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

EDUC 3001 Field Experience II
1 hour--Prereq.: Admission to Teacher Education; Coreq.: EDPSY 3513. Twenty-five hours of public school classroom and teaching laboratory experiences related to teacher preparation in general and specifically to those topics covered in EDPSY 3513 Educational Psychology.

EDUC 3013 Methods of Emergent Literacy
3 hours--Prerequisites: Admission to Teacher Education; EDUC 3463. Teacher candidates will demonstrate and apply knowledge learned about foundational reading and writing theories to incorporate foundational communication and reading skills necessary to promote early literacy development. Candidates will develop competency and apply knowledge of components of emergent literacy, including oral language development, decoding, fluency development and writing and spelling strategies to plan focused, intensive instruction to meet the diverse reading and oral communication learning needs of early childhood and elementary students.

EDUC 3033 Socialization and Guidance of Young Children
Prereq: Admission to Teacher Education. Study of theory, principles, and methods used to provide guidance and support in the interactions, communications,and relationships with young children and their families,and to develop knowledge of advocacyand collaborationforyoung children in the early childhood fieldwith community resourcesincluding families with an understanding and demonstration of positive, caring, supportive relationships and interactionsand value of a child as an individual.Utilizeprofessionalresourcesand guidelines to develop daily practicewith young childrenas connected with continuous learning, collaboration,and professional development.

EDUC 3043 Education, Development, and Observation of the Young Child
Prereq: PSYCH 3463 and admission to Teacher Education. Study of cognitive, literacy, language, psycho/social, and physical/motor development of young children and howthey learn in multiple contextsincluding play and executive function skills. Examination of the role of the early childhood educator in applying and using that knowledge to teaching practices and providing curriculum that support the learning of young childrenthrough intentional and reflective practices including pedagogical content through assessments that are ethically grounded and developmentally appropriate in ability, cultural and linguistical considerations.Observation of children in a learning environment is required.

EDUC 3333 Methods in Creative Arts for Young Children
Study and applicationof developmentally appropriate synthesized creative arts experiences through the integration of instructional content and methods associated withplay,movement,music/rhythmic, and visual arts exploration that allows for individual variations of expression for early childhood and elementary-age learnersas well as development of executive function skills.

EDUC 3413 Methods in Elementary Language Arts
3 hours--Prereq.: Admission to Teacher Education. Methods and techniques of teaching development of skills in listening, speaking, writing and spelling in the elementary grades.

EDUC 3463 Foundations of Reading
3 hours--Candidates will demonstrate and apply knowledge learned from foundational reading theories including reading development through processes of emergent reading including print awareness, phonological and phonemic awareness and phonics leading to fluent reading. Study also includes learning and application of foundational emergent writing stages of preliterate, emergent, transitional to fluent.

EDUC 3483 Methods of Reading
3 hours--Prerequisites: Admission to Teacher Education; EDUC 3463. Methods and techniques for preparing teacher candidates to teach the elementary transition from learning to read to reading to learn. This course covers all elementary grades, but will focus on students in grades 3-6. Instructional strategies and learning activities center on using reading strategies across the curriculum to enhance learning, the reciprocal process of reading and writing instruction, vocabulary development, fluency, and comprehension instruction.

EDUC 3493 Reading Assessment for Instruction
3 hours--Prerequisites: Admission to Teacher Education; EDUC 3463; EDUC 3483. Teacher candidates will administer formative and summative assessments to both determine and enhance the diverse reading developmental needs of early childhood and elementary students. Candidates will utilize assessment data to inform, monitor, and plan differentiated focused and intensive reading instruction for both small group and individual learning to enhance the diverse needs of struggling readers in the early childhood and elementary classrooms.

EDUC 3503 Methods in Elementary Mathematics-Primary
3 hours--Prerequisites: Admission to Teacher Education. Apply major mathematics practices and processes through planning instructional strategies and engaging learning activities to create connections between mathematical practices and appropriate math content/concepts to meet the mathematical learning needs of PK through 3rd grade student populations. Teacher candidates will also apply summative and formative assessment techniques to monitor student learning and to guide instructional practices

■ Denotes a Liberal Arts course.

that are developmentally appropriate, culturally and linguistically relevant including differentiated instruction and play.

EDUC 3513 Methods in Elementary Mathematics-Intermediate
3 hours--Prerequisites: Admission to Teacher Education. Apply major mathematics practices and processes through planning instructional strategies and engaging learning activities to create connections between mathematical practices and appropriate math content/concepts to meet the mathematical learning needs of 4th through 8th grade elementary student populations. Teacher candidates will also apply summative and formative assessment techniques to monitor student learning and to guide instructional practices that are developmentally appropriate, culturally and linguistically relevant including differentiated instruction.

EDUC 3603 Science and Social Studies for Early Childhood
Prereq.: Admission to Teacher Education. Focuses on developingappropriate experiences in science and social studies for young childrenthat inspire inquiry and engagement.Emphasizes practices and strategies that are developmentally appropriate, culturally relevant, and allow for a variety of experiences basedonindividual needs and ability.

EDUC 3613 Methods in Elementary Natural Science
3 hours--Prerequisites: Admission to Teacher Education. Demonstration and application in developing teaching methods within physical science, life science, earth and space science, and engineering design using the three dimensions: 1) science and engineering practices, 2) cross-cutting concepts, and 3) disciplinary core ideas. Students plan instruction ncluding goals, materials, learning activities and assessments for diverse student populations, including various instructional practices and differentiation. Class activities utilize professional learning communities for collaboration.

EDUC 3713 Methods in Elementary Social Studies
3 hours--Prerequisites: Admission to Teacher Education. Methods and techniques for preparing teacher candidates to use materials and understand the procedures for teaching history, civics, geography skills, current events, early economics and anthropology concepts. Special emphasis will be placed on using literacy strategies in order to convey social studies content ans using the inquiry process and hands-on activities to facilitate diverse elementary student learning.

EDUC 3753 Methods in Early Childhood Education
3 hours--Prerequisites: Admission to Teacher Education. Teacher candidates will plan learning activities to demonstrate their understanding of the diverse factors concerning the growth, development and learning of children in early childhood education Curriculum focus will be centered upon age and developmentally appropriate curricular content and teaching materials for young children. Teacher candidates will apply knowledge of building relationships with families to gain insight to the various learning and developmental needs of children.

EDUC 3812 Policy and Procedures in Special Education
2 hours--Prereq.: Admission to Teacher Education. This course will examine federal and state special education legislation, regulations, policy, and procedure. Emphasis will be given to rights of individuals with disabilities and their families.

EDUC 3823 Introduction to Students with Mild Disabilities
3 hours--Prereq.: Admission to Teacher Education. This course will explore the philosophical and historical foundations of special education for students with mild disabilities, characteristics of students with mild disabilities, and professional ethical practices in the field of special education.

EDUC 3833 Introduction to Students with Moderate Disabilities
3 hours--Prereq.: Admission to Teacher Education. This course will explore the philosophical and historical foundations of special education for students with moderate disabilities, characteristics of students with moderate disabilities, and professional ethical practices in the field of special education.

EDUC 4013 Practical Strategies and IDEA for Behavior Disorders
3 hours -- This course will explore characteristics and IDEA procedures for identifying students with behavior disorders in educational settings. This course will also prepare those working with students to manage behavior in special and general education classrooms. Practical strategies and interventions for increasing appropriate behaviors and decreasing inappropriate behaviors will be discussed. Discipline regulations of IDEA including manifestation determination, alternative placement, and IEP's will be covered. Specific m ethods f or i dentifying a nd documenting behavior concerns required by IDEA (i.e., functional behavioral assessments and behavior intervention plans) will be introduced.

EDUC 4033 Microcomputers in Education
3 hours--Designed for educators with minimal experience using computers. Students will participate in guided evaluation of software, and plan for implementation of computer assisted learning activities in the classroom.

EDUC 4042 Strategies for Effective Teaching in Elementary and Early Childhood Education
2 hours--Prereq.: EDCU 2012, 2211, 2631,and 3001, EDPSY 3513, and admission to Teacher Education; Coreq.: EDUC 4611 and 4632. Teacher candidates develop lesson plans, instructional objectives, and evaluation techniques to meet the learning needs of diverse classroom populations

EDUC 4052 Effective Teaching in Secondary Education
2 hours--Prereq.: Prereq.: EDUC 2012, 2211, 2631, and 3001, EDPSY 3513, and admission to Teacher Education; Coreq.: EDUC 4611 and 4632. Secondary teacher candidates develop lesson plans, instructional objectives, and evaluation techniques to meet the learning needs of diverse secondary classroom populations.

EDUC 4112 Guidance of Exceptional Children
2 hours--This course will examine family systems theory for students with mild/moderate disabilities from birth to 21 years of age. Collaborative strategies, teaming, consultation, and resources will be emphasized.

EDUC 4133 Methods in Teaching the Mentally Retarded and Physically Disabled
3 hours--Prereq.: 4513, 4813. A study of policy and procedures in special education and curricular content, teaching methods and learning characteristics of children with mental retardation and physical disabilities.

EDUC 4233 Teaching in the Middle School/Junior High School
3 hours--Prereq.: Admission to Teacher Education. An orientation to instructional programs and processes in middle schools and junior high schools.

EDUC 4262 Student Teaching Seminar I Assessment and Professional Learning
2 hours--Prereq.: EDUC 4611, EDUC 4042, and EDUC 4632. Coreq.: Current enrollment in Student Teaching and EDUC 4282. During this seminar course the teacher work sample will be completed.

EDUC 4282 Student Teaching Seminar II Classroom Management
2 hours--Prereq.: EDUC 4611, EDUC 4632, and EDUC 4042.Coreq.: Current enrollment in Student Teaching and 4262. Theory and practice related to classroom management, teacher evaluations, and problems and issues encountered in student teaching.

■ Denotes a Liberal Arts course.

EDUC 4413 Clinical Practices in Remedial Reading I
3 hours--Prereq.: 3463 or 3483 or departmental approval. Educational diagnosis, remedial teaching, and individual counseling in cases involving reading deficiency. Direct laboratory work with pupils in public schools.

EDUC 4513 Children with Physical Disabilities
3 hours--Prereq.: 2402 and admission to Teacher Education. A survey of various physically disabling conditions that affect children's placement and programming. Emphasis will be given to physical and educational techniques which may be used in meeting the needs of children with such conditions.

EDUC 4611 Field Experience III
1 hour--Prereq.: 2012, 2211, 3001, 4632, EDPSY 3513 and admission to Teacher Education; Coreq.: 4042. Twenty-five hours of public school classroom experience with the teacher candidate observing regular classroom events in general and specifically those related to topics covered in EDUC 4042 Strategies for Effective Teaching.

EDUC 4632 Educational Technology Integration Strategies
2 hours--Prereq.: Admission to Teacher Education, EDUC 3001, EDPSY 3513; Coreq.: EDUC 4042 and EDUC 4611. This course includes incorporation of technology instruction, digital communication and online classroom materials giving teacher candidates opportunities to incorporate both digital and online resources as instructional tools. Teacher candidates will demonstrate and apply understandings of both digital and online resources in using technology for enhancement and differentiation of instructional strategies for diverse student learning populations.

EDUC 4642 Methods of Teaching Transitional Skills
3 hours--Prereq.: Admission to Teacher Education, 3823, 3833. This course will explore methods and strategies used to prepare students with mild/moderate disabilities for transition from school to community life. Emphasis will be given to research-based instruction, model programs, and effective methods.

EDUC 4713 Assessment and Program Development
2 hours--Prereq.: Admission to Teacher Education. Students will gain a basic understanding of assessment, diagnosis and evaluation procedures used in special education. Emphasis will be given to appropriate utilization of assessment, legal issues surrounding assessment, and using assessment results to plan individualized education programs.

EDUC 4723 Methods of Teaching Children with Mild/Moderate Disabilities
3 hours--Prereq.: Admission to Teacher Education. This course will explore methods and strategies used to educate students with mild/moderate disabilities birth through 21 across educational environments. Emphasis will be given to research-based instructional and remedial methods, techniques, and curriculum materials and classroom management theory.

EDUC 4813 Nature and Characteristics of Children with Mental Retardation
3 hours--Prereq.: 2402 and admission to Teacher Education. Comprehensive study of mental retardation including the history, classification systems, etiologies and syndromes, theoretical approaches to and educational programs for children with mental retardation.

EDUC 4912 Special Education Practicum and Procedures (Area named in title listing)
2 hours--Prereq.: Six hours of Education Methods courses or departmental approval. Campus seminars and supervised education field experiences with exceptional children in the classroom or therapeutic setting.

■ Denotes a Liberal Arts course.

EDUC 4921 Practicum and Procedures for Mild/Moderate Disabilities
1 hour--Prereq.: Admission to Teacher Education. Campus seminars and supervised education field experiences with students with mild/moderate disabilities in the classroom. Students will explore and observe common educational practices for students with mild/moderate disabilities.

EDUC 4951-10 Supervised Student Teaching in Elementary Schools
1 to 10 hours--Prereq.: Admission to the professional semester; Coreq.: EDUC 4262 and EDUC 4282. A supervised professional internship in teaching in an elementary school under the guidance of one or more experienced teachers.

EDUC 4961-10 Supervised Student Teaching in Grades PK Through Twelve
1 to 10 hours--Prereq.: Admission to the professional semester; Coreq.: 4262. A supervised professional internship in teaching at both elementary and secondary levels for art, music, health and physical education, and special education majors under the guidance of one or more experienced teachers.

EDUC 4971-10 Supervised Student Teaching in Secondary Schools
1 to 10 hours--Prereq.: Admission to the professional semester; Coreq.: 4262. A supervised professional internship in teaching in a secondary school under the guidance of one or more experienced teachers.

EDUC 4981-4 Seminar in Education (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

EDUC 4991-4 Individual Study in Education (Subject named in title listing)
1 to 4 hours--Directed individual study on special subject or problem. Open only to selected undergraduates.

EDUC 5003 Multimedia Technology
3 hours--Prereq.: Graduate Standing. The course will cover theory and application of digital media in the public school classroom. Design and production of materials including sound recording/editing, video recording/editing, graphic scanning/editing, web page development, and distribution of digital materials.

EDUC 5013 Advanced Educational Technology Strategies
3 hours--This course focuses on knowledge and skills in the selection and integration of current technologies to support teaching and learning. An emphasis is placed on 21st Century education and the development of digital learning environments.

EDUC 5023 Educational Aspects of Exceptional Children
3 hours--An in depth study of children who have educational, intellectual, behavioral or physical characteristics which adversely affect their educational performance. Emphasis will be given to educational methods and legal issues in working with these children.

EDUC 5033 Nature and Curriculum Needs of Middle Level Learners
3 hours--Prereq.: One hundred semester hours or graduate status. An introduction to the middle school concept that emphasizes the developmental needs of early adolescents in the context of patterns of school organization, curriculum and pedagogy that are responsive to the intellectual, social, emotional, and physical needs of pre-adolescents (10-14 years old). Exemplary practice supportive of adolescent needs and changes will be identified including case studies and clinical/laboratory experiences.

EDUC 5042 Parenting Issues in Special Education

2 hours--Prereq.: 3463 or 3483, 3503 or 3513. This course will explore the structure and characteristics of families of students with disabilities. Emphasis will be placed on parent-educator cooperation, consultation, and resources.

EDUC 5053 The Middle School: Philosophy and Organization
3 hours--A study of middle level philosophical tenets and exemplary components and programs utilized in creating a total learning environment effective for the preadolescent learner (10-14).

EDUC 5062 Superintendent Administration Practicum I
2 hours--Prereq.: Graduate standing. An instructional mentorship program requiring the superintendent candidate to develop experientialbased skills, presented by the instructor as designed by the program director under the guidance from practicing school superintendent (with no less than three (3) years' experience in that job description.) A Capstone experience based on NELP Standards for District-Level Educational Leadership is required along with documented Intern hours and corresponding Knowledge and Skills-based reflection artifacts as a component of this course.

EDUC 5072 Superintendent Administration Practicum II
2 hours--Prereq.: An instructional mentorship program requiring the superintendent candidate to develop experientialbased skills, presented by the instructor as designed by the program director under the guidance from practicing school superintendent (with no less than three (3) years' experience in that job description.) A Capstone experience based on NELP Standards for District-Level Educational Leadership is required along with documented Intern hours and corresponding Knowledge and Skills-based reflection artifacts as a component of this course.

EDUC 5082 Special Education Assistive Techniques
2 hours--Prereq. or Coreq.: 3463 or 3483, 3503 or 3513. This course will focus on providing teacher instruction in the pedagogy of Assistive technology. The course will enable teachers to be aware of the needs of their students with disabilities and how technology advances can assist them to better reach their potential. Teachers will acquire skills in selecting software and integrating Assistive technology into instructional models.

EDUC 5093 Identification of and Strategies for Students with Behavioral Disorders
3 hours--Prereq.: Graduate standing. This course will explore characteristics and IDEA procedures for identifying students with behavior disorders in educational settings. This course will also prepare those working with students to manage behavior in special and general education classrooms. Various theoretical approaches for managing group and individual behaviors and their relevant management strategies will be discussed. Specific methods for identifying and documenting behavioral concerns (i.e. FBA's) and interventions for increasing appropriate behaviors and decreasing inappropriate behaviors (i.e. BIPS) will be discussed.

EDUC 5103 Students With Mild and Moderate Disorders
3 hours--Prereq.: Graduate standing. This course is an in depth study of the history and philosophy of teaching students who have mild and moderate disabilities and their characteristics. Students will also explore issues of ethical considerations in the area of mild and moderate disabilities.

EDUC 5113 Techniques of Research
3 hours--Introduces students to the theory of educational research by developing competencies in literature review, library research, data analysis, research writing, and developing plans for applied or action research. This course will consider the ethics of research with human subjects.

EDUC 5133 Modern Philosophies of Education
3 hours--Current educational philosophies with special emphasis on those of the United States; provides for understanding of modern education practices.

EDUC 5143 Clinical and Classroom Practices in Reading
3 hours--Study of clinical and classroom management techniques for diagnosing and remediating reading problems. Involves identifying and using computer technology in field experiences with different learners for different purposes.

EDUC 5163 Advanced Methods for Mild and Moderate Disorders
3 hours--Prereq.: Graduate standing. This course will explore the approaches to planning and designing educational programs for students with mild/moderate disabilities. Course includes strategies for classroom modifications, individualized program implementation, and behavior management techniques.

EDUC 5173 Fundamentals of Curriculum
3 hours--Prereq.: Graduate status or departmental approval. Curriculum evaluation, development, current issues, and trends related to elementary, middle/junior high, and high schools.

EDUC 5183 Contemporary Issues in Education
3 hours--Prereq.: Graduate status or departmental approval. An investigation of current social, political, economic, and cultural issues related to education; their impact on the school; and their implications for teaching.

EDUC 5223 Advanced Teaching of Transitional Skills
3 hours--Prereq. or Coreq.: 3463 or 3483, 3493, 3503 or 3513. This course will explore methods of transition planning appropriate for students with mild/moderate disabilities. Emphasis will be given to effective practices, current research, and model programs.

EDUC 5233 Survey of Teaching Reading
3 hours--Prereq.: Graduate Standing. This course surveys the reading process with an emphasis given to language development, word recognition skills, comprehension skills, and study skills. Psychological reading theory and various approaches to teaching reading are discussed with opportunities to manipulate reading materials.

EDUC 5243 Diagnosis of Reading Difficulties
3 hours--Administration, interpretation, and application of standardized and informal diagnostic instruments. Preparation of case study reports and techniques dealing with interviews and reading conference procedures. Theory and demonstration of tests intended to appraise levels of competence in group and individual settings.

EDUC 5253 Research and Instruction: Mathematics
3 hours--Prereq.: 3513. This course is designed to explore topics related to mathematics instruction including: current content standards, research, differentiated instruction, lesson planning, mathematics instructional technology, learning aids and inquiry based learning. An action research project is required.

EDUC 5263 Research and Instruction: Language Arts
3 hours--Review of language arts research and experimentation with various models and materials to aid in teaching language arts skills to children.

EDUC 5273 Research and Instruction: Elementary Social Studies
3 hours--Prereq.: 3713. An examination of social studies programs and a review of research of content materials and teaching techniques.

EDUC 5283 Practicum and Portfolio in Reading
3 hours--Prereq.: Instructor approval. Diagnosing reading difficulties and

treatment of reading problems as experienced in clinical and classroom situations. The supervised practical experiences are controlled in certain instances in order to afford the students exposure to research methods and procedures. Emphasis will be directed to provide ample opportunities for interaction with students experiencing reading difficulties. A program portfolio will also be submitted and reviewed according to departmental guidelines.

EDUC 5303 Reading Instruction in the Content Areas
3 hours--Emphasis is placed on materials, methodology and vocabulary unique to content areas. Suggestions for techniques by which reading skills may be developed and improved in the individual content subjects for students experiencing various levels of achievement. Attention given to the influence of reading upon the student's continuing academic program regardless of content area.

EDUC 5313 Research and Instruction: Elementary Science
3 hours--Prereq: 3613. Examinations and evaluation of science goals; teaching methods and design of programs in light of contemporary research in science education.

EDUC 5323 Treatment of Reading Difficulties
3 hours--Prereq. or Coreq.: 5243. An analysis of formal and informal diagnostic data with treatment procedures focused upon individual needs. Instructional strategies, time management, and current technology, resources, and materials will be discussed in order to assure the most effective educational practices.

EDUC 5333 Legal Aspects of Special Education
3 hours--Prereq.: Graduate standing. This course will explore the legal aspects of Special Education including formulation of policies and procedures and program development. Emphasis will be given to individual rights, school responsibility and development of individualized education plans.

EDUC 5342 Supervised Portfolio Research
2 hours--Prereq.: 5113. The purpose of this course is to assist students in the formulation and development of a professional portfolio according to the departmental guidelines. Continuous enrollment in program coursework or EDUC 5681 Practicum and Portfolio in Education is required until a portfolio acceptable to the portfolio committee is presented. Only one hour of EDUC 5681 Practicum and Portfolio in Education may be counted toward the degree.

EDUC 5353 Advanced Assessment and Program Development
3 hours--Prereq.: Graduate standing. Students will gain a basic understanding of assessment, diagnosis and evaluation procedures used in special education. Emphasis will be given to appropriate utilization of assessment, legal issues surrounding assessment, and using assessment results to plan individualized education programs.

EDUC 5363 Principles of Instructional Design
3 hours--This course presents the concepts, principles, and methods for designing effective instruction. Topics studied include aligning instruction to standards, developing instructional objectives, planning instructional activities, designing instructional materials, assessing learning outcomes, and evaluating instructional effectiveness.

EDUC 5373 Nature of Individuals With Low Incidence Disabilities
3 hours--Prereq.: 2402, 3463 or 3483, 3493, 3503 or 3513. This course will explore the philosophical and historical foundations of special education for students with severe disabilities, characteristics of students with severe disabilities, and professional ethical practices in the field of special education.

EDUC 5383 Interactive Learning Methods in Distance Education
3 hours--Prereq.: Graduate standing. This course presents a conceptual framework for learning and teaching at a distance. The course topics of study include the characteristics of distance education, principles of course design, the role of the teacher as facilitator, the role of the learner as active participant, and guidelines for improving the quality of distance learning.

EDUC 5393 Educational Statistics
3 hours--Basic principles of organization and treatment of statistical data.

EDUC 5403 The Workstation Operating System in Education
3 hours--Prereq.: Graduate standing. This course meets the standards for desktop and network recognized industry certification in current operating systems. The course presents materials and curriculum for the Certified Professional program. Students will use the workstation operating system in teaching and learning environments.

EDUC 5413 Introduction to Counseling
3 hours--Prereq.: Departmental approval. Study of principles, philosophies, and services basic to the organization and administration of guidance programs. Examination and evaluation of methods and devices for obtaining information necessary to guidance services.

EDUC 5453 Developmental Guidance
3 hours--Prereq.: 5413. Explore the developmental role of guidance at the public school level and the role, competencies, and skills needed by the guidance specialist.

EDUC 5483 Counseling Intervention Strategies
3 hours--Prereq.: All other coursework completed and concurrent enrollment with 5493. The course is designed to assist counselors, teachers, administrators, and other pupil personnel specialists in the development and implementation of counseling intervention strategies. This course should be completed concurrently with EDUC 5493.

EDUC 5493 Practicum and Capstone in School Counseling
3 hours--Prereq.: Successful completion of all other courses and concurrently enrolled in EDUC 5483. Placement is in an elementary or secondary (middle or high) school setting where the practicum and capstone will be completed while supervised by a certified School Counselor. Hours: 150 clock hours during the 16-week semester, including at least 75 direct service hours (e.g., individual student planning, student assessment, individual and group counseling, classroom guidance and/or psycho-educational activities, etc.). The remaining 75 non-direct service hours include observations, maintaining case notes, consultation with other counselors/outside agencies, collaboration with teachers/faculty, etc.

EDUC 5503 Public School Organization
3 hours--Study of the organization, structure, and politics of American public education.

EDUC 5513 Supervision of Instruction
3 hours--Application of leadership theory to clinical supervision; examination of the administrator's role as an instructional leader; evaluation of instructional approaches and programs; practices and procedures of clinical supervision.

EDUC 5523 School Plant Management
3 hours--Prereq.: Master's degree, principal certification or departmental approval. Study of management of public school facilities, including planning and development, operation and maintenance, and, fiscal system principles.

EDUC 5533 Fundamentals of Public School Administration
3 hours--Basic principles and practices in modern school administration

■ Denotes a Liberal Arts course.

including: how to lead collaboratively a school through mission, vision and school improvement; advocating for ethical decisions and cultivate professional norms; using data to drive decisions that are equitable, inclusive and culturally responsive; engaging all stakeholders in the school and community; and providing for a collaborative professional culture. Assignments in course provided for clinical experiences related to the duties and responsibilities of current public school administrators and authentic leadership activities.

EDUC 5553 School Public Relations
3 hours--A detailed and comprehensive presentation of the methods and media for building and sustaining good public relations for public educational institutions.

EDUC 5573 Public School Finance
3 hours--A study in the sources of school finance and general principals of financial administration including school-level governance and operation systems to improve management, communication, technology at the building level. The student will study the development and implementation of data-informed and school resource plans that are equitable and apply laws, policies, and regulations. Assignments in course provide for clinical experiences related authentic leadership activities.

EDUC 5583 Legal Aspects of Education
3 hours--An examination of federal and state constitutional provisions, statues, judicial decisions, and agency regulations that affect education. Special emphasis on ethics, profession norms, equity, operations, management, and building professional capacity through staff supervision, support, and evaluation as well as application of school related laws, policies, and regulations. Assignments in course provide for clinical experiences related authentic leadership activities.

EDUC 5603 Survey of Intellectual Property
3 hours--Prereq.: Graduate standing. The Survey of Intellectual Property addresses the concepts and trends related to ownership and technology in navigating the web; respect and integrity; distribution of works; alternatives to intellectual property; domain names; business methods patents online; and jurisdiction.

EDUC 5623 The Principalship
3 hours--A study of principal and building level leadership skills, knowledge, and application of P-12 school administration with an emphasis on organizational structure and the leadership role of the principal including: how to lead collaboratively a school through mission, vision, and school improvement with a set core of values which include data, technology, digital citizen, diversity, and continuous school improvement; advocating for ethical decisions and cultivate professional norms; using data and research to drive decisions that are equitable, inclusive culturally responsive, and promote an inclusive school culture; evaluating, developing, and implementing systems that support learning and instruction using data and assessments; engaging all stakeholders to strengthen and advocate for the needs of stakeholders in the school and community. Assignments in course provide for clinical experiences related authentic leadership activities.

EDUC 5631-4 Advanced Student Teaching
1 to 4 hours--Prereq.: Bachelor's degree and six semester hours of directed observation and student teaching. This work is offered in the fall and spring semesters--not in the summer session.

EDUC 5643 Methods of Teaching Students with Severe Disabilities
3 hours--Prereq.: 2402, 3463 or 3483, 3493, 3503 or 3513. This course will explore methods and strategies used to educate students with severe disabilities birth through 21 across educational environments. Emphasis will be given to research-based evaluation techniques, IEP development, instructional methods, techniques and curriculum materials, and classroom management theory.

EDUC 5653 Diagnosis of Learning Disabilities
3 hours. The study of various tests and evaluation instruments used in non-discriminatory multidisciplinary evaluations and the interpretation of test data along with pre-referral information in diagnosing children who have learning disabilities.

EDUC 5663 Literacy Leadership and Coaching
3 hours--Prereq.: Majors: Reading Specialist, Elementary, Secondary Education, Secondary Education Academic Discipline, Secondary Education Educational Technology, School Counselor, Library Media and Special Education. This course will provide students with the most current understanding of literacy consultation and coaching. Topics will include leadership for a school literacy program, collaboration with teachers and other professionals, data analysis, curriculum issues, knowledge of literacy standards, and facilitation of professional development. These foundations will provide students with experience in working with teachers to improve their instructional practice as well as student achievement. An emphasis will be placed on mastering the complexities of observing and modeling in classrooms and providing feedback to teachers.

EDUC 5673 Education Planning and Remediation of Learning Disabilities
3 hours--Prereq.: 5653 or PSYCH 4213 or EDPSY 5353. Procedures for planning and implementing a program for the educational intervention for children who have been diagnosed with learning disabilities. Includes strategies for classroom modifications, individualized programming, and behavior management plans.

EDUC 5681 Practicum and Portfolio in Education
1 hour--Prereq.: 5113, and admission to MEd, and prereq. or coreq. 5342. Development of an acceptable portfolio according to departmental guidelines. The acceptability of the portfolio will be determined by a 3 member faculty committee. This course also requires direct work in an educational setting related to your degree field.

EDUC 5691-3 Thesis
1-3 hours--Prereq.: 5113. Development of an acceptable thesis, according to the departmental guidelines. A maximum of three hours may be counted toward the degree. Continuous enrollment is required until a thesis acceptable to the thesis committee and the Graduate Dean is presented.

EDUC 5703 Instructional Design and Technology Capstone
3 hours--Prereq.: Enrollment in final semester of M.Ed. This course engages completers of the M.Ed. Instructional Design and Technology program in a culminating experience to extend learning in a topic of relevance and interest to each individual student. Capstone projects are flexible in nature but are expected to demonstrate a synthesis and application of concepts learned throughout the program. The capstone project will be presented to a faculty committee and possibly other audiences.

EDUC 5713 Administration of Federal Programs in Education
3 hours--Prereq.: Master's degree, principal certification or departmental approval. Study of federal programs affecting public education, in-cluding special education, disadvantaged education, Indian education, Impact Aid, National School Lunch Act, bilingual education, and federal enforcement of rights of handicapped children.

EDUC 5723 Advanced Legal Aspects of Education
3 hours--Prereq.: Master's degree, principal certification or departmental approval, EDUC 5583 or the equivalent, or permission of the professor. Advanced study of ethics, legal aspects of education with an emphasis on recent developments in school laws including those relevant to the field

of special education.

EDUC 5733 Organizational Theory and School Administration
3 hours--Prereq.: Master's degree, principal certification or departmental approval, EDUC 5533 or the equivalent, or permission of the professor. Advanced study of principles and practices of administrative leadership theory and organizational change, with special emphasis on organizational climate and culture.

EDUC 5743 Collaborative Learning Communities in Special Education
3 hours--Prereq.: Admission to graduate school. This course will examine collaborative learning communities also designated as wrap around services, for students with mild/moderate disabilities from birth to 21 years of age. Family systems theory and strategies used to prepare students with mild/moderate disabilities for transition from school to community life will also be emphasized.

EDUC 5753 Differentiated Instruction for Special Education
3 hours--Prereq.: Admission to graduate school. This course will examine Response To Intervention (RTI), using IEP assessment results to design curriculum, aligning curriculum with PASS skills, and strategies for modifying curriculum for students with mild/moderate disabilities in academic content areas (i.e., reading, math, language arts, and science). Specific emphasis will be on providing accommodations and modifications for students with mild/moderate disabilities.

EDUC 5762 Practicum and Portfolio in Special Education
2 hours--Prereq.: Graduate standing. This course will provide actual classroom experiences with students with mild/moderate disabilities. Students will attend seminars to reflect on the classroom experience, demonstrate effective practices and discuss relevant issues. The course may be repeated with students with severe/profound disabilities.

EDUC 5773 Politics and Governance of American Education
3 hours--Prereq.: Master's degree, principal certification or departmental approval. Advanced study of principles and practices of visionary leadership, theory and organizational change. Includes the study of the structure, organization, politics, power groups, and multiculturalism of public schools.

EDUC 5783 Personnel Administration in Public Schools
3 hours--Prereq.: Master's degree, principal certification or departmental approval. Study of basic principles and practices of personnel administration in public schools, current issues involving both certified and non-certified personnel.

EDUC 5793 The Superintendency
3 hours--Prereq.: Master's degree, principal certification or departmental approval. Principles of public school central office administration, with emphasis on the leadership role of the superintendent in improving school climate and culture.

EDUC 5832 Practicum and Capstone in Public School Administration
2 hours--Supervised authentic internship/practicum and capstone experiences in an approved public school administration environment under the supervision of a knowledgeable expert in educational leadership at the building level. Students will complete authentic, coherent, and sustained activities and hours aligned to current program standards.

EDUC 5843 Advanced Classroom Management
3 hours--Prereq.: Graduate Standing. This course will examine research based strategies used to improve the classroom learning environment. Models of Classroom Management related to student development will be examined as well. This course meets the state requirement for alternative and emergency certification candidates.

EDUC 5853 Advanced Strategies for Effective Teaching
3 hours--Prereq.: Graduate Standing. A variety of the aspects of educational pedagogy will be addressed including, the development of lesson plans, instructional objectives, and evaluation techniques. The creation of effective learning activities, engagement strategies, and various theories about teaching and learning will also be covered. This course meets the state requirements for alternative and emergency certification.

EDUC 5933 Survey of Emerging Technologies
3 hours--This course will explore the latest trends in technology that are now, or soon will be, impacting K-12 education. Students will examine the possibilities and challenges of the currently most prominent emerging technologies as applied to a variety of learning spaces.

EDUC 5943 Educational Technology Leadership
3 hours--This course prepares educational leaders to effectively plan, evaluate, and manage technology initiatives to support teaching, learning and operations in educational settings.

EDUC 5961-2 (Subject named in title listing)
1 to 2 hours--Prereq.: Departmental approval. Directed group study on a special topic, normally of short duration. Grading is usually "P" or "F".

EDUC 5981-4 Seminar in Education (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

EDUC 5991-4 Individual Study in Education (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and departmental approval. Directed intensive study on definite problem or special subject based on approved outline or plan; conferences, oral and written reports.

H/P/E 5343 Marriage, Family and Group Counseling
3 hours--Prereq.: EDPSY 5433. Departmental approval. A survey of the major theories, methods and techniques used in the treatment of marital and family problems with particular emphasis on the legal and ethical issues in group, marriage and family counseling. Emphasis is also given to the special needs of multi-cultural groups and people with disabilities.

H/P/E 5443 Advanced Group Counseling
3 hours--Prereq.: EDPSY 5433 or HURES 5613. Major contributions to group counseling theories are studied. The role of group work as a developmental or preventive approach is emphasized. Multi-cultural concerns and the needs of people with disabilities are also stressed.

LIBSC 3003 Foundations of Librarianship
3 hours--Survey of the history and current trends in libraries and modern librarianship; philosophy and ethics of library and information sciences.

LIBSC 4981-4 Seminar in Library Science (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

LIBSC 4991-4 Individual Study in Library Science (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

LIBSC 5113 School Library Administration I
3 hours--Introduction to practical problems of school libraries addressed

through leadership such as setting goals, advocacy, professional development, public relations, budgeting, creating and managing learning environments, equipment, and technology to improve the role of the school library program as well as student learning.

LIBSC 5123 School Library Administration II
3 hours--Prereq.: 5113 or departmental approval. Study of the administration of school libraries. Policy making; relations with faculty, students, parents, administrative staff, a nd c ommunity; management techniques.

LIBSC 5133 Materials Selection
3 hours--Principles and practice in selecting diverse print and non-print resources for all levels and abilities of learners in school libraries. Creation, evaluation and sharing of practices, policies and professional position statements (e.g., Library Bill of Rights) that guide selection, access, and services leading to a relevant collection of information resources, including those for leisure reading and research.

LIBSC 5213 Cataloging and Classification
3 hours--An introduction to automated catalogs and the principles and theories of cataloging and classification as it applies to school library programs. An emphasis on the application and use of LOC, OCLC, WorldCat, Sears List of Subject Headings, the DDC, and other resources to create accurate and consistent library records that impact access of the collection for PK-12 learners. Shelving and labeling practices will be presented as it pertains to ALA/AASL position statements, state guidelines, and best practices

LIBSC 5233 Information Resources
3 hours--Selection and evaluation of information resources to develop, curate, and organize a collection. Focus on the use of instructional strategies, information needs, and the development of information skills in the P-12 environment.

LIBSC 5353 Literacy in the School Library
3 hours--Prereq.: Graduate Standing. Principles of print, information, and media literacy will be addressed with an inclusion of motivational strategies, ethical use of information, and evaluation of sources to address National School Library Standards. Students will make use of research data and model strategies in using information to create instructional learning experiences for P-12 learners.

LIBSC 5373 Media Production and Planning
3 hours--Design and production of materials including video, multimedia production and web page design. Study of principles of visual design as it relates to production of materials. Library utilization of materials for individualized or small group instruction, training of volunteers and public relations.

LIBSC 5383 The Library and the Special Student
3 hours--Techniques of analyzing student body composition for special groups; rationale for focus on special groups; characteristics, needs, attitudes of and towards special groups. Library services, programs, and materials relevant to special students, including gifted and talented, minority, physically disabled, learning-disabled, and emotionally disturbed. Avoidance of stereotyping in library materials and bibliographic tools.

LIBSC 5923 Young Adult Literature
3 hours--Examination of current issues in young adult literature including the reading habits of teen readers, creation of engaging physical and virtual activities to motivate and encourage social interaction and reading for pleasure, and exposure to a wide variety (i.e., genres, formats) of young adult literature.

LIBSC 5952 Practicum and Capstone in Library Media
2 hours--Supervised practicum and capstone experience in an approved school library media learning environment. Students will complete prescribed activities and hours aligned to current program standards.

LIBSC 5963 Library Technology
3 hours--Impact of technology on library materials and processes. Planning, implementing, maintaining, and evaluating automated library systems. Use of automation, including cataloging networks and computerized information retrieval.

LIBSC 5973 Curriculum and the School Library
3 hours--Prereq.: EDLBS 5913, or LIBSC 5923, or departmental approval. The school librarian's role and responsibility in supporting teachers and guiding students by teaching, collaborating, and designing developmentally and culturally responsive resource-based learning experiences that integrate the National School Library Standards' shared foundations. Development of instruction that includes a variety of strategies in both physical and virtual learning environments that addresses multiple intellectual and physical abilities of learners.

LIBSC 5981-4 Seminar in Library Science (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

LIBSC 5991-4 Individual Study in Library Science (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conference, oral and written reports.

SCIED 3513 Science Methods and Materials for the Senior High School
3 hours--Prereq.: Twenty hours science. Current philosophy, goals and methods of science teaching in the senior high school; familiarizing the student with recently developed programs in each of the science areas.

SOSTU 4873 Methods in Secondary Social Studies
3 hours--Prereq.: Twenty hours in history and EDUC 2012, 2211, 2631, or departmental approval. This course will focus on the development of citizenship skills, the acquisition of professional skills, development of materials, and the use of resources for secondary instruction in the social studies. Specific activities within the course will address local and global representative cultures for the purposes of effective citizenship engagement.

Courses in Engineering

ENGR 1111 Introduction to Engineering
1 hour lecture/1 hour lab. Study skills, orientation and enrollment in engineering. Computer-based productivity tools. Engineering ethics and careers.

Courses in English

ENG 0111 Developmental Reading ■
3 hours--Through diagnostic procedures an individualized reading improvement program will be developed. The individualized diagnostic profile will focus upon vocabulary and reading comprehension improvement. Grading is "P" or "F".

ENG 0123 Fundamentals of English ■
3 hours--Using a holistic writing approach, students write paragraphs and essays, focusing on process, audience, sentence structure, organization, content, and fluency, in a variety of modes. Study of grammar, usage, and mechanics are determined by need. Does not count in lieu of English 1113 and 1213 and does not count for degree credit. Grading is "P" or "F".

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ENG 0211 Freshman Composition I Writing Lab
Writing lab to serve as a co-requisite for Freshman Composition I for students who scored below the recommended ACT score for placement into Freshman Composition I. Course must be taken as a co-requisite with Freshman Composition I. Enrollment by approval only.

ENG 1113 Freshman Composition I ■
3 hours--Students write coherent, organized, and mechanically-proficient short essays, using a variety of rhetorical strategies, including basic concepts of persuasion, support, and documentation.

ENG 1213 Freshman Composition II ■
3 hours--Prereq.: 1113. Students apply skills developed in English 1113 with emphasis on longer essays, extensive source-based research, and argumentation. It is recommended students take this course the semester following ENG 1113.

ENG 2243 Introduction to Creative Writing ■
3 hours--An introduction to the process of creating original fiction, poetry, and other literary forms.

ENG 2423 American Literature to 1865 ■
3 hours--Extensive reading in American literature from beginnings to 1865.

ENG 2433 American Literature Since 1865 ■
3 hours--Extensive reading in American literature from 1865 to the present.

ENG 2513 Introduction to Literary Study ■
3 hours--Prereq.: 1213 or HNRS 2313. An introduction to the use of library resources and approaches to contemporary literary criticism.

ENG 2643 British Literature to 1800 ■
3 hours--A survey of British literature and British literary movements between 449 and 1800.

ENG 2653 British Literature Since 1800 ■
3 hours--A survey of British literature and British literary movements from 1800 to the present.

ENG 2713 Publications Practicum-Originals ■
3 hours--Prereq.: 1213 or HNRS 2313. Work on Originals, the campus literary and art magazine, sponsored by the Department of English and Languages, and on Write On, the department's publication of outstanding composition essays. Can be taken twice for credit, but only three hours count towards the major.

ENG 2881-4 Special Studies in English (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

ENG 3113 Advance Writing ■
3 hours--Prereq.: 1213 or HNRS 2313. Practice in narrative, descriptive, and persuasive modes of discourse.

ENG 3143 Introduction to Film ■
3 hours--A broad survey of the genre, including its history, and a survey of related forms of nonprint media.

ENG 3183 Technical and Professional Writing ■
3 hours--Prereq.: 1213 or HNRS 2313. Study and practice of technical and professional writing in both in-house and published documents. Developing and collecting information and incorporating it into technical and professional papers, reports, proposals, memoranda.

ENG 3193 Persuasive Writing and Logic ■
3 hours--Prereq.: 1213 or HNRS 2313. Emphasizes principles of logic and persuasion in rhetorical analysis and argumentative writing for a variety of audiences. Includes analysis and composition of print and non-print texts.

ENG 3213 Shakespeare ■
3 hours--Origin and development of the drama, life and times of Shakespeare, the Shakespearean theatre, reading of selected plays.

ENG 3343 Composing Theories and Practice ■
3 hours--Prereq.: 1213 or HRNS 2313. In-depth study of various theories and research regarding the process writers follow as they compose. Relates composing process models to classroom practice.

ENG 3363 Critical Approaches ■
3 hours--Prereq.: 2513 and 3913 or 3923 or 2423 or 2433 or 2643 or 2653. Explores various methodologies in literary criticism.

ENG 3373 Creative Writing: Genre (Subject named in title listing) ■
3 hours--Original composition specializing in poetry, fiction, or other genres of creative writing. May be repeated for credit.

ENG 3733 Teaching of Literature in Secondary School
3 hours--Studies how to use a variety of print, nonprint, and digital resources and technologies to plan coherent, relevant, standards-aligned, antiracist/antibias, and differentiated literacy instruction that incorporates theories, research, and knowledge of ELA to support and engage all learners in meeting learning goals. Evaluates strategies for choosing and teaching and assessing a variety of literature, with a particular focus on teaching young adult literature.

ENG 3913 World Literature to 1700 ■
3 hours--A study of world literature from antiquity through the 17th Century.

ENG 3923 World Literature Since 1700 ■
3 hours--A study of world literature from 1700 to the present.

ENG 4013 Grammar and Linguistics ■
3 hours--Examines grammar, syntax and semantics; language acquisition, development, functions, and variance; emphasis on the theories of grammar, history and development of modern English, and linguistics.

ENG 4523 American Literature (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. Focuses study on a particular aspect of American literature. Content varies in different semesters. May be repeated for credit.

ENG 4543 British Literature (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. Focuses study on a particular aspect of British literature. Content varies in different semesters. May be repeated for credit.

ENG 4553 World Literature (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. Focuses study on a particular aspect of World literature. Content varies in different semesters. May be repeated for credit.

ENG 4613 Literary Genre (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. Focuses study on a particular literary genre. Content varies in different semesters. May be repeated for credit.

ENG 4641-4 Internship (Subject named in title listing) ■
1-3 hours--Prereq.: Departmental approval. Professional experience under

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supervision of a faculty member and a professional in the field. Work may be done in professional writing, library services, digital humanities, or other approved work related to the discipline of English.

ENG 4723 Teaching of Grammar and Composition in Secondary School
3 hours--Studies theoretical perspectives of language and languaging, including language acquisition, conventions, dialect, grammar systems, and the impact of languages on society as they relate to various rhetorical situations (e.g., journalism, social media, popular culture) and audiences. Evaluates strategies for teaching writing processes for a variety of modalities and purposes that include collaborative approaches and contemporary technologies; and research-based formative and summative assessment of secondary student writing.

ENG 4813 Special Topics in Literature (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. An advanced study of selected aspects of literature. Content varies in different semesters. May be repeated for credit.

ENG 4823 Special Topics in Language Arts (Subject named in title listing) ■
3 hours--Prereq.: Junior standing or departmental approval. An advanced study of selected aspects of the English language. Content varies in different semesters. May be repeated for credit.

ENG 4883 Publications and Portfolio Capstone ■
3 hours--Prereq.: Senior standing or departmental approval. A capstone course required for all ENG majors. A critical study of the roles that language and literature play with emphasis on professionalism, publication, and presentations. Focuses on academic research and writing, encourages publication, and requires a comprehensive portfolio.

ENG 4981-4 Seminar in English (Subject named in title listing)
1 to 4 hours--Prereq.: Junior standing or departmental approval. Directed group study on special subject or problem.

ENG 4991-4 Individual Study in English (Subject named in title listing)
1 to 4 hours--Prereq.: Junior standing or departmental approval. Directed study on special subject or problem. Open only to selected undergraduates.

ENG 5981-4 Seminar in English (Subject named in title listing)
1 to 4 hours--Prereq.: 2513 and departmental approval. Directed intensive study on selected problem or special topic.

ENG 5991-4 Individual Study in English (Subject named in title listing)
1 to 4 hours--Prereq.: 2513, graduate standing, twelve hours English, and departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Entrepreneurship

(See Courses in Business Administration)

Courses in Environmental Health Science

EHS 1114 Introduction to Environmental Health Science
4 hours--Study of the interactions between humans and their environment and the administrative and physical measures used to protect human health and the natural environment. Emphasis given to environmental and public health topics of current concern.

EHS 2223 Watershed Management ■
3 hours--A basic introduction to watershed management. The course covers the most important watershed management topics about which watershed managers, local officials, involved citizens, decision makers, natural resources managers and others should have at least an introductory level of knowledge. The course is an expanded version of the US EPA's Watershed Academy and students who successfully complete the course will receive certification.

EHS 2313 Solid and Hazardous Waste Management
3 hours--A comprehensive study of the solid waste problem with emphasis on RCRA and hazardous waste management.

EHS 2413 Radiologic Health
3 hours--An introduction in radiological health including sources of radiation, types of radiation, detection and control measures, and personnel protection from radiation sources.

EHS 2613 Occupational Health and Safety
3 hours--Prereq.: MATH 1513. An introduction to the Occupational Health and Safety Act of 1970. The course includes the recognition, evaluation, and control of health and safety hazards in the work environment.

EHS 2713 Environmental Economics ■
3 hours--A study of the basic principles of economics, and their implications and applications to environmental policy, regulation and environmental health science.

EHS 2881-4 Special Studies in Environmental Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

EHS 3114 Epidemiology ■
4 hours--Prereq.: MATH 1513. A study of the etiology and characteristics of the principal diseases of man and the control of infected individuals and environments. Methods of presenting and interpreting epidemicity and endemicity are presented. Laboratory and field experiences are provided.

EHS 3153 Environmental and Public Health Administration
3 hours--The structure and operation of environmental and public health administrative agencies. The legal and financial basis of regulatory programs and management practices utilized to protect individuals, communities and the natural environment.

EHS 3543 Water Resources ■
3 hours--Prereq.: 1114 and prereq. or coreq.: CHEM 1214 A comprehensive study of water resources with special emphasis on protection of water quality and remediation of contaminated water resources.

EHS 3553 Water Quality and Treatment
3 hours--Prereq.: CHEM 1114. A comprehensive study of the properties, distribution and utilization of water in natural and man-made systems; conventional water and wastewater treatment practices are presented.

EHS 3603 Air Quality
3 hours--Prereq.: CHEM 1114. The fundamentals of air pollution phenomena, effects, and applicable control measures.

EHS 3703 Biostatistics
3 hours--Prereq.: MATH 1513. A study of statistical methods commonly used in environmental and life science. Topics include descriptive and inferential statistics and other related calculations.

EHS 3803 Environmental Toxicology
3 hours--Prereq.: CHEM 1114. A study of the poisonous or toxic properties of substances and the regulations and management practices for these

chemicals.

EHS 4013 Native American Environmental and Health Issues
3 hours--Prereq.: 1114. A study of the range of environmental and health issues impacting Native Americans past and present. Included in the study is a history of these issues from first contact, the reservation period, creation of the Indian Health Service to self-governance.

EHS 4113 Institutional Environmental Health
3 hours--Prereq.: 1114, 3553, 3603, BIOL 2344. Recognition, evaluation, and control measures of variables affecting the environmental health aspects of work habits, schools, camps, hospitals, nursing homes, day care centers, and other public facilities are presented.

EHS 4143 Food Hygiene and Consumer Protection
3 hours--Prereq.: 1114, BIOL 2344, CHEM 1114. A study of the health effects of food and milkborne diseases, including a discussion of food and milk as vehicles of infection, essentials of milk and food quality, and standards for food service equipment.

EHS 4203 Community Health
3 hours--Prereq.: 1114, 2313, 3553, 3603, BIOL 2344, CHEM 1214. A study of community health's history, progression, and promotion of preventive methods. Current issues in environmental/community health are reviewed. Topics include food and milk protection; health program aspects of air, water, and solid waste; measures for the abatement and control of disease vectors; code enforcement for septic systems, swimming pools, and private water wells; injury prevention; public/community/occupational health risk assessments.

EHS 4503 Chronic Disease and Global Health
3 hours--Prereq.: 1114 and 3114. A study of the chronic diseases facing the United States such as heart disease, diabetes, and cancer. Health issues of a global nature such as chronic diseases, infectious diseases, and mental health are reviewed.

EHS 4553 Environmental and Organic Chemistry ■
3 hours--Prereq.: CHEM 1114 and 1214. Introduction to the chemistry of the natural environment and fate, transport and significance of organic and inorganic chemical contaminants.

EHS 4703 Environmental and Risk Assessment
3 hours--Prereq.: 1114, 2313, 3553, 3603, or departmental approval. A study of the factors required for the preparation and evaluation of an environmental assessment; also an introduction to risk assessment and management, including accident prevention.

EHS 4802 Environmental Health Laboratory
2 hours--Prereq.: 1114, 3553, 3603, CHEM 1114. A study of modern equipment used in the assessment of Environmental Quality. Topics include calibration and sampling methods used in measurements of air, water, and soil contaminants.

EHS 4943 Field Experience in Environmental/Public Health
3 hours--Each student is required to complete at least one 3 semester hour field training within a one semester time period consisting of a minimum of 180 hours of employment or volunteer service in an approved setting. The course may be repeated once for the purpose of receiving 6 total semester credit hours either during separate portions of the same semester or during a different semester.

EHS 4981-4 Seminar in Environmental Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

■ Denotes a Liberal Arts course.

EHS 4991-4 Individual Study in Environmental Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

EHS 5981-4 Seminar in Environmental Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

EHS 5991-4 Individual Study in Environmental Science (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours environmental health science. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Human Development, Hospitality and Food Science

HHFS 1113 Apparel Design and Construction
3 hours--This course is designed to teach the beginning sewist/sewer how to construct clothing. One of the goals is to provide the student with the understanding of good vs. bad construction principles, which translate to the buying, and selling of wholesale/retail textiles. This class allows the student to develop their fiber artist eye in the production of garments. One hour lecture and four hours lab weekly.

HHFS 1213 Fibers, Yarns and Textiles in an Emerging Economy
3 hours--Ever wondered what is really in the clothing you wear, the sheets you sleep on or your car seat? This class is an inclusive look at how fibers, yarns and fabrics play a vital role in our emerging economy. Explore various fibers, end uses, eco-friendly manufacturing, and fair trade.

HHFS 1523 Careers/Foundations in Human Development, Hospitality & Food Science
3 hours--Professional orientation and opportunities in various Human Development, Hospitality and Food Science career fields. Emphasis on academic preparation, credentialing, and networking within Career and Technical Education, Hospitality, Dietetics, Cooperative Extension, and more.

HHFS 2193 Retail Merchandising
3 hours--Learn about professional sales through case studies, current trends, and techniques of solving retail merchandising problems.

HHFS 2463 Human Development I: Lifespan Human Development
3 hours--Lifespan Human Development. Study of human development from a life span perspective using Ecological Systems and other theories.

HHFS 2881-4 Special Study in Human Development, Hospitality and Food Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study a on special subject or problem.

HHFS 3013 Consumerism ■
3 hours--An analysis of market segmentation, target marketing, technologies, and consumer satisfaction. Emphasis on the consumer role concerning political, social, and cultural implications.

HHFS 3114 Food Science: Service, Safety & Sanitation
4 hours--Chemical, physical, sensory, and nutritional properties of food related to processes used in food preparation. Coursework prepares

students for national ServSafe Manager certification. This course includes a foods lab.

HHFS 3133 Foundations of Interior Design
3 hours--Introduction to the interior design profession and practice including socially and environmentally responsible design ideology. Design styles range from antiquities to contemporary to meet the growing needs in interiors through restaurants, event centers, trade shows, retail stores, as well as commercial and residential real estate.

HHFS 3223 Meeting & Event Management ■
3 hours--Overview of various event management industries. Techniques, procedures and technologies required for producing successful and sustainable global events. Students will demonstrate skills and processes through case studies and experiential learning modalities.

HHFS 3233 Introduction to the Hospitality Industry ■
3 hours--The hospitality industry is one of the world's largest industries. This course covers its growth and progress. Topics include tourism, lodging, resorts, gaming, restaurants, foodservice and clubs.

HHFS 3313 Merchandise Buying
3 hours--Analysis of markets and merchandising. A quantitative procedure for planning and analyzing sales, profit and inventory. Field experience required.

HHFS 3413 Aesthetic Design & Analysis in Visual Marketing
3 hours--This course is an in-depth look at the effects colors play in a company or individual's success in the businesses work. Learn what it takes to get the customers or target market to pay attention to images that are presented to them in order to enhance profits.

HHFS 3514 Food Production Management
4 hours--Principles of food production. Students will apply skills in procurement, quantity and quality production. Hazard Analysis Critical Control Point (HACCP) systems, and work simplications. Coursework prepares students for national ServSafe certification. This course also includes a foods lab.

HHFS 3623 Event Promotion
3 hours--Prereq.: 3223. Production and evaluation of event planning and promotion.

HHFS 3733 Hospitality Management ■
3 hours--Explore management in the environment of the hospitality industry. Learn how to plan staffing, examine laws, train employees, and to maintain a positive environment.

HHFS 3813 Internship
3 hours--Prereq.: Junior standing and departmental approval. Directed practical experiences in an approved work situation related to the industry of choice.

HHFS 3912 Life Span Nutrition
2 hours--Investigate how nutrition requirements change throughout the human lifecycle and how changing nutritional intake impacts human health.

HHFS 4113 Advanced Clothing Design, Fit & Tailoring
3 hours--This class links wholesale, retail, small, and large scale company sewing and design. Students receive a hands-on approach to better understand how to manufacture, purchase and market clothing or any product that is produced out of fabric.

HHFS 4213 Human Development II: Prenatal to Emerging Adulthood ■
3 hours--Prereq.: 2463 or PSYCH 1113. Topics in Human Development: Prenatal to Emerging Adulthood. Major theories and research on development and ecological influences. Examination of change in physical, cognitive/language, socio-emotional development in children under age 9. Emphasis on the search for identify, sexuality, vocation choice and interpersonal relations in adolescents.

HHFS 4313 Issues in Housing ■
3 hours--Analysis of housing issues such as socio-economic levels, design styles, family structures, cultural influences, and environmental sustainability. Students create solutions to modern housing problems.

HHFS 4443 Human Development III: Adult Spectrum ■
3 hours--Prereq.: 2463 or PSYCH 1113. Relationship Development in the Adult Spectrum. Theory and research on the formation and development of interpersonal relationships in dating, friendship, and the workplace. Applying family theories of diverse family systems across the middle and later years in life.

HHFS 4523 Strategies in Resource & Personnel Leadership ■
3 hours--A study of strategic and operational planning, problem solving, and decision making, leadership and motivation in the workplace, use of resources, and various best practices of successful management. Key topics include management concepts, diversity, ethics, technology, and globalization.

HHFS 4981-4 Seminar in Human Development, Hospitality and Food Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subjects or problems.

HHFS 4991-4 Individual Study in Human Development, Hospitality and Food Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

HHFS 5981-4 Seminar in Human Development, Hospitality, and Food Science (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

HHFS 5991-4 Individual Study in Human Development, Hospitality, and Food Science (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Finance

(See Courses in Business Administration)

Courses in French

FREN 1113 Elementary French I ■
3 hours--Pronunciation, elements of grammar, easy reading, conversation.

FREN 1223 Elementary French II ■
3 hours--Prereq.: 1113 or equivalent in high school. Continuation of 1113, fundamentals of grammar, translations of increased difficulty.

FREN 2113 Intermediate French I ■
3 hours--Prereq.: 1223. French composition, review of grammar, reading.

FREN 2223 Intermediate French II ■
3 hours--Prereq.: 2113. French reading; adapted novels or short stories.

FREN 4981-4 Seminar in French (Subject name in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

Courses in Geography

GEOG 1113 Elements of Human Geography ■
3 hours--The major organizing concepts of social, economic, population, and cultural geography. People's geographic behavior in terms of their spatial organization of the earth's surface and their development of regional and political systems.

GEOG 1214 Earth Science ■
4 hours--Surface features of the earth; landforms, waters, rocks, minerals, weather, climate, and soils; laboratory and field study included.

GEOG 2513 World Regional Geography ■
3 hours--The world's major cultural regions, with emphasis on geographic aspects of contemporary economic, social and political relationships with the physical environment.

GEOG 2881-4 Special Studies in Geography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

GEOG 3213 Conservation of Natural Resources ■
3 hours--Prereq.: 1113, 1214. A study of current problems in conservation of natural resources with an emphasis on solutions. Topics include population, deforestation, water issues, and climatic change.

GEOG 3223 Geography of Oklahoma ■
3 hours--A study of the physical regions, culture, population, distribution, economic development, and recreational resources of Oklahoma.

GEOG 3323 Economic Geography ■
3 hours--Processes significant to the spatial structure of economic systems. Economic activities such as production, consumption and site selection are examined from locational, distributional, and spatial interaction perspectives. Computer lab component consists of the use of business geographics software applications.

GEOG 3413 Weather and Climate ■
3 hours--The elements of weather and climate with daily meteorological observations; weather regions and origins. Weather conditions as they affect man, animal life and vegetation. Climatic regions.

GEOG 3613-5 Field Studies in Regional Geography
3 to 5 hours--Intensive study of the geographic features of a region or regions through direct observations and travel using appropriate field study methods. This course is offered in the summer for undergraduate students.

GEOG 4981-4 Seminar in Geography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

GEOG 4991-4 Individual Study in Geography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

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GEOG 5613-5 Geographic Field Studies of Regions
3 to 5 hours--Geographic and historic studies of regions, including both physical and cultural features, through directed educational travel, with emphasis on observation and interpretation.

GEOG 5981-4 Seminar in Geography (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

GEOG 5991-4 Individual Study in Geography (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and sixteen hours social studies including eight hours geography. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports.

GECAR 3233 Geospatial Research Design and Analysis ■
3 hours--Prereq.: CARTO 2253 and a statistics course. Basic techniques and methods of investigation and presentation of data related to spatial research.

GECAR 4653 Senior Capstone Projects
3 hours--Prereq.: 3233 and senior standing. This course requires students to develop, implement and present the results of a substantive individualized project in cartography, GIS, remote sensing and/or geography.

GESOC 4413 Demography ■
3 hours--Prereq.: GEOG 1113 or SOC 1113. Study of the social processes related to differentials in fertility, mortality, and selective population movements.

GESOC 4853 Comparative Cultures ■
3 hours--Prereq.: One course each in Sociology and Geography. A comparison of the cultures, social organizations, behavior patterns, and geographical environments of selected societies. In this course the reciprocal relationship between man and his or her natural environment is stressed.

SOSTU 4873 Methods in Secondary Social Studies
3 hours--Prereq.: Twenty hours in history and EDUC 2012, 2211, 3001, 4632, EDPSY 3513 or departmental approval. This course will focus on the acquisition of professional skills, development of materials, and use of resources for secondary instruction in the social studies.

Courses in Geology

GEOL 1114 Introduction to Geology ■
4 hours--Introduction to the fundamental concepts of geology including their application to groundwater, hydrogeology, land forms, mineral and fossil fuel exploration.

Courses in German

GER 1113 Elementary German I ■
3 hours--Pronunciation, elements of grammar, easy reading, conversation.

GER 1223 Elementary German II ■
3 hours--Prereq.: 1113. Continuation of course 1113, fundamentals of grammar, reading of increased difficulty.

GER 4981-4 Seminar in German (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

Courses in History

HIST 1113 Foundations of Western Civilization ■
3 hours--A multicultural perspective on the study of humankind from prehistoric times to the 1600's. Included are the social and political contributions of Greece and Rome, along with their contributions in science, literature, and philosophy; the Eastern Roman and Islamic worlds; feudalism and medieval thought; ancient religions; the medieval church; the rise of representative governments and modern nation-states; the artistic and literary achievements of the Renaissance, and the Reformation.

HIST 1123 Modern Western Civilization ■
3 hours--A study of European and world civilization 1660 to the present, including the development of individual nations, principal international conflicts, and cultural movements. This course surveys the Scientific Revolution; the literature and philosophy of the Enlightenment; literature, music, and art in the Classical and Romantic Periods; the manner in which people lived; the French Revolution, the Industrial Revolution, Socialism, Marxism, and the rise of democracy.

HIST 2003 Introduction to Historic Preservation
3 hours--Prereq.: This course is an introduction to the preservation of the built environment. Students will examine the history and philosophy of historic preservation in the United States and learn how it is practiced today.

HIST 2213 Oklahoma History ■
3 hours--An introductory over-view of Oklahoma history from pre-history to the present.

HIST 2483 United States History Survey to 1877 ■
3 hours--An introductory over-view of United States history from beginnings through Reconstruction following the Civil War.

HIST 2493 United States History Survey Since 1877 ■
3 hours--An introductory over-view of United States history from Reconstruction to the present.

HIST 2513 Survey of African American History ■
3 hours--Students will gain an understanding of African American history from slavery to the present. The first half of the course will focus on the origins and growth of slavery in the United States. The second half will discuss the adaptation of African Americans to freedom.

HIST 2613 Explorations in World History and Culture ■
3 hours--This course covers a high point in the civilization of Africa, the Near East, the Far East, Europe and the Americas. Through readings, film, lecture and discussion students will come to appreciate the remarkable achievements of humankind.

HIST 2881-4 Special Studies in History (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

HIST 3003 Renaissance ■
3 hours--A history of the classical revival, the rise of humanism, and the artistic motivations of Europe.

HIST 3013 Reformation ■
3 hours--A history of the causes, consequences, and responses to the Reformation.

HIST 3023 Age of Kings ■
3 hours--A history of the political, social, economic, and cultural transformation of Europe during the seventeenth and eighteenth centuries.

HIST 3033 World War II ■
3 hours--A history of the people, events, and forces that brought upon one of the most important events and destructive war in human history. This course primarily focuses on the major participants of the war, highlighting their diplomatic, economic, social, and military policies and practices that not only decided the war's outcome but set in motion profound consequences for the transformed post-war world. This will give students a better understanding of how the Second World War determined much of the contemporary world.

HIST 3043 The Cold War ■
3 hours--A history of the major themes and personalities in the era known as the Cold War. It is to familiarize you with the persons, policies, and events, which marked the nearly half-century following World War II when the world's only two superpowers, the U. S. and the Soviet Union, vied for global influence and hegemony. How could war-time allies, who vanquished Nazi Germany for the world, become mortal enemies, taking the world to the brink of destruction? What profound consequences were unleased through this global struggle of ideological enemies? Does the Cold War still have relevance in a contemporary world?

HIST 3053 History of the 21st Century ■
An examination of the major people, places, ideas, and events that have shaped the history of the 21st Century.

HIST 3063 Ancient Civilizations ■
This course will explore the emergence of world civilizations with a special emphasis on the societies of ancient Egypt, Canaan, Mesopotamia, and Persia. In addition to exploring their distinct cultural contributions, students will also consider how these societies related to one another, through trade, conflict, and interchange of ideas.

HIST 3113 Contemporary American History ■
3 hours--A study of contemporary issues of the United States, including their immediate historical background; problems drawn from the political, economic, social, and intellectual experience of America since 1945.

HIST 3313 Ancient Greece ■
3 hours--Detailed study of the social, political, and intellectual life of the Greeks; influences of Greek philosophy and culture upon modern civilization.

HIST 3333 Vistas in World History ■
3 hours--The class will offer a sweeping overview of human history, exploring developments that have affected societies on a global scale such as the rise of agriculture, the emergence of universal religions, the expansion of empires and colonialism, the formation of the modern nation state, the evolution of capitalism and globalization. Students will achieve familiarity with the basic historical narrative of major world civilizations and regions including the "Western World," Latin America, Russia, the Islamic World, Sub-Saharan Africa, India, China, Japan and Oceania. The goal will be to achieve mastery of the essentials of world history and lay a foundation for further exploration of specific topics.

HIST 3343 Vistas in U.S. History ■
3 hours--The class will offer a sweeping overview of United States history, exploring major developments that have affected society on a national scale. Students will acquire a familiarity with the basic narrative of major political, social, economic, and military events in United States history. The goal will be to achieve a mastery of the essentials of United States history and build a foundation for further exploration of specific topics.

HIST 3453 The Middle Ages ■

3 hours--Institutions and ideals in the middle ages; feudalism, feudal monarchy, Holy Roman Empire, papacy, monasteries, towns, guilds, and universities. The classical revival, the rise of humanism, and the artistic innovations of Renaissance Europe will be emphasized.

HIST 3613 Europe, 1815-1914 ■
3 hours--Course covers the period after Napoleon, during which successive revolutions erupted against the Old Regime, the Industrial Revolution brought on great changes, modern Italy and Germany were formed, and nationalism, militarism, and imperial rivalries moved Europe toward World War I. (Note--students who have already taken and received credit for either History 3613 formerly Europe, 1815-1870, or History 3913, formerly Europe, 1870-1919, may not take this course for credit.)

HIST 3883 Writing in History (Subject named in title listing) ■
3 hours--Prereq.: Department Approval. A research and writing seminar on various topics in United States, European and World History. It will be credited to one of those fields on the history major.

HIST 3923 World History, 1914-1939 ■
3 hours--A study of the principal European and Asiatic nations, and the international relations of these countries with each other and the U.S.; the rise and aims of the totalitarian states, particularly Hitler's Germany and Soviet Russia; conflicts between the democratic, fascist and communist states which serve as the background for World War II. (Note--students who have already taken and received credit for History 4113, formerly World History since 1919, may not take this course for credit.)

HIST 4003 History of Japan ■
3 hours--An exploration of topics in Japanese history from prehistory to the present.

HIST 4013 Holocaust ■
3 hours--A history of the how and why of the Holocaust. It includes an examination of why a modern, Westernized country such as Germany would perpetuate such an act of barbarity? Other question to be answered are Was the Holocaust a planned attempt to destroy the Jewish people, or rather one borne from opportunity? Did the world know about the Holocaust, and if so, why did they not do anything to stop it.

HIST 4023 Spain and the Indians ■
3 hours--Course examines the relationship between the Spanish colonial venture in the Americas and native peoples.

HIST 4033 History of the Incas ■
3 hours--An overview of the Incan history, from the founding of the Incan state, through its collapse in the 1530's. Course will also include an examination of the persistence of Incan traditions during the Spanish colonial period.

HIST 4043 History of the Aztecs ■
3 hours--A survey of Aztec history from prehistory until the Spanish conquest. Course will also include an examination of the persistence of Aztec traditions during the Spanish colonial period.

HIST 4053 Southern Plains Indians ■
3 hours--A history of the major indigenous peoples in the Southern Plains, primarily Oklahoma, Arkansas, Louisiana, and Texas and the relations not only with one another but European and American migrants. Focusing on their culture and society, one will get an understanding how these people adapted to a changing world of outsiders, disease, technologies, and ideologies that threatened their very existence.

HIST 4063 Indian Wars and Warfare ■
3 hours--Chronicles the westward colonization of the continental United States through the confrontation between European colonizers and indigenous peoples from the early 17th century to 19th century. Focusing of indigenous warfare and how it evolved with contact from European and later Americans, this course highlights the major conflicts that occurred when drastically different cultures met. In the 20th century, the course highlights the martial contributions to the United States military by Indian peoples both World Wars, Korea, and Vietnam.

HIST 4073 American Revolution ■
3 hours--An in-depth, interpretive study of the American Revolution from the French and Indian War through the American War for Independence. Coverage will include causes of the Revolution, the military campaigns, and interpretations of the era.

HIST 4083 Ancient Egypt ■
3 hours--An examination of Egyptian history and culture including prehistory, the Old Kingdom, Middle Kingdom, and New Kingdom.

HIST 4093 Modern Middle East ■
3 hours--An overview of the history of the Middle East from the last century of the Ottoman Empire through the present.

HIST 4113 World History, 1939 to the Present ■
3 hours--A study of World War II and world developments since World War II. Special emphasis is placed on the reconstruction of Europe, the spreading communist empire, the emergence of the Third World and special problems facing the super powers. (Note--students who have already taken and received credit for History 4113, formerly World History since 1919, may not take this course for credit.)

HIST 4233 History and Historians ■
3 hours--This course deals with definitions, reasons, and methods for historical study, historiography; philosophy of history; and, the historical profession.

HIST 4353 The American West ■
3 hours--An examination of the political, social, cultural, economic, and environmental forces that shaped, and continue to shape, the American West.

HIST 4533 The United States, 1783-1828 ■
3 hours--An in-depth, interpretive study of American history from the Revolution to the election of Andrew Jackson.

HIST 4553 United States 1828-1860 ■
3 hours--An in-depth, interpretive study of American history from the election of Andrew Jackson to the eve of the Civil War.

HIST 4573 American Leaders 1607-1865 ■
3 hours--A chronicling of U.S. history through careful examination of the lives of prominent individuals from the Colonial Era to the end of the Civil War.

HIST 4593 American Leaders 1865 to the Present ■
3 hours--A chronicling of U.S. history through careful examination of the lives of prominent individuals from the end of the Civil War to the Present.

HIST 4713 Civil War and Reconstruction in the United States ■
3 hours--Causes of the Civil War, the military campaigns, and Reconstruction, 1860-1877.

HIST 4733 The United States 1877-1919 ■
3 hours--Industrial growth and social change in the United States, acquisition of the nation's empire, and the U.S. in World War I.

HIST 4753 The United States 1919-1945 ■
3 hours--Emphasis on political and social developments from the end of World War I through World War II.

HIST 4981-4 Seminar in History (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

HIST 4991-4 Individual Study in History (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

HIST 5981-4 Seminar in History (Subject named in title listing)
1 to 4 hours-- Directed intensive study on selected problem or special topic.

HIST 5991-4 Individual Study in History (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours history, except with departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

SOSTU 4873 Methods in Secondary Social Studies
3 hours--Prereq.: Twenty hours in history and EDUC 2012, 2211, 3001, 4632, EDPSY 3513 or departmental approval. This course will focus on the acquisition of professional skills, development of materials, and use of resources for secondary instruction in the social studies.

Courses in Interdisciplinary Studies

IDS 3113 Interdisciplinary Studies ■
3 hours--An introduction to the theory and practice of interdisciplinary study and adult learning theory, with emphasis on the student's academic and career goals.

IDS 3123 Professional Field Experience I ■
3 hours--Prereq.: 3113 or departmental approval. This course is an introduction to the student's academic and/or career goal area and will provide the student with a practical learning experience. The course may include an internship or practicum, or an independent learning project which encompasses work projects or learning outside the student's current work assignment.

IDS 4123 Professional Field Experience II ■
3 hours--Prereq.: 3123 or departmental approval. Advanced study in the student's academic and/or career goal area providing the student with a practical learning experience. This course may include an internship or practicum, or an independent learning project that encompasses work projects or learning outside the student's current work assignment.

IDS 4723 Senior Project ■
3 hours--Prereq.: 4123 or departmental approval. The capstone course for the Interdisciplinary Studies program. The student will complete an interdisciplinary project integrating their coursework and professional field experience with their professional and/or occupational interests.

Courses in Honors

HNRS 1111 Honors Freshman Colloquium
1 hour--Prereq.: Admission to the Honors Program. Students newly admitted to the ECU Honors Program are oriented to campus life, opportunities for study and skill development; presented with fundamentals of critical thinking and research skills and are encouraged to explore our western cultural traditions of liberal arts education. Students may participate in group discussions and presentations.

HNRS 1213 Enduring Questions: Perspectives from the Humanities ■
3 hours--Prereq.: Admission to the Honors Program. This course is a freshman-level seminar for honors students. It is the first in a four-course sequence, unified in content around significant enduring questions central to the liberal arts. Some options include: What does it mean to be human? What is justice? What is goodness? How can we live responsibly on the planet? A true interdisciplinary approach focusing on at least two disciplines and emphasizing primary source material drawn from the humanities will inform the course structure. Students will examine works from disciplines including philosophy, literature, history, theology, and the visual arts, and ranging from the Ancient period to the present day. At least twenty-five percent of the course will engage literary texts. The course will develop students' analytic and expressive abilities as well as enhance their cultural awareness. The course fulfills the university's general education requirements for Humanities-Western Civilization (G1) courses.

HNRS 1313 Enduring Questions: Global Perspectives ■
3 hours--Prereq.: Admission to the Honors Program; 1213 or Honors Director approval. This course is a freshman-level seminar for honors students. It is the second in a four-course sequence, unified in content around significant enduring questions central to the liberal arts. Some options include: What does it mean to be human? What is justice? What is goodness? How can we live responsibly on the planet? A true interdisciplinary approach focusing on at least two disciplines and emphasizing primary source material drawn from the global humanities will inform the course structure. Students will examine works from disciplines including philosophy, literature, history, theology, and the visual arts, ranging from the Ancient period to the present day. At least twenty-five percent of the course will engage literary texts. The course will develop students' analytic and expressive abilities as well as enhance their cultural awareness. The course fulfills the university's general education requirements for Humanities-Non-Western Civilization (G2) courses.

HNRS 2213 Enduring Questions: Perspectives from Science ■
3 hours--Prereq.: Admission to the Honors Program; 1213, 1313 or Honors Director approval. This course is a sophomore-level seminar for honors students. It is the third in a four-course sequence, unified in content around significant enduring questions central to the liberal arts. Some options include: What does it mean to be human? What is Justice? What is Goodness? How can we live responsibly on the planet? A true interdisciplinary approach focusing on at least two disciplines and emphasizing primary source material drawn from the sciences will inform the course structure. Attention will be paid to how the primary sources address the fundamental question. The course will develop student's analytic and expressive abilities as well as enhancing their cultural awareness. The course fulfills the university's general education requirements for G4 courses.

HNRS 2313 Enduring Questions: Perspectives from Rhetoric and Research ■
3 hours--Prereq.: Admission to the Honors Program; 1213, 1313, 2213 or Honors Director approval; ENG 1113. This course is a sophomore-level seminar for honors students. It is the fourth in a four-course sequence, unified in content around significant enduring questions central to the liberal arts. Some options include: What does it mean to be human? What is Justice? What is Goodness? How can we live responsibly on the planet? A true interdisciplinary approach focusing on at least two disciplines, emphasizing rhetoric and research, will inform the course structure. Attention will be paid to how the primary sources address the fundamental

question. The course will develop student's analytic and expressive abilities and students will craft a researched, written document illustrating their cohesive understanding of the entire four-course sequence. The course fulfills the university's general education requirements for English Composition II.

HNRS 2881-4 Special Studies in Honors (Subject named in title listing) ■
1 to 4 hours--Prereq.: Admission to the Honors Program and Program Director approval. Directed group study on special subject or problem.

HNRS 4981-4 Seminar in Honors (Subject named in title listing) ■
1 to 4 hours--Prereq.: Admission to the Honors Program and Program Director approval. Directed group study on special subject or problem.

HNRS 4991-4 Individual Study in Honors (Subject named in title listing)
1 to 4 hours--Prereq.: Admission to the Honors Program and Program Director approval. Directed study on special subject or problem.

Courses in Human Resources

ASLHR 2613 American Sign Language I ■
3 hours--Course consists of principles, methods, and techniques of communicating manually with the deaf. Emphasis will be on developing manual communication skills and a basic vocabulary in American Sign Language and an understanding of basic grammatical principles of American Sign Language. Also included will be a brief orientation to the various systems of Signed English.

ASLHR 3063 American Sign Language II ■
3 hours--Prereq.: 2613. Course provides continued development of American Sign Language vocabulary and ASL grammar. Emphasis will be on developing expressive and receptive signing skills in ASL.

ASLHR 3163 Fingerspelling and Conversational American Sign Language ■
3 hours--Prereq.: Departmental approval. A course designed to develop expressive and receptive fingerspelling skills, as well as developing the students' understanding and use of conversational ASL.

ASLHR 4703 American Sign Language III ■
3 hours--Prereq.: 3063. An in-depth study of American Sign Language grammar, syntax, idioms, and colloquialisms. Includes body language, mime, and other forms of non-verbal communication.

ASLHR 4733 American Sign Language IV ■
3 hours--Prereq.: 4703. A continued study of American Sign Language with emphasis on increasing sign language skills. Also included will be the principles of artistic interpreting.

HRPSY 3253 Psychology of Aging ■
3 hours--Prereq.: PSYCH 1113. A survey introduction to the psychological aspects of later life with particular emphasis on the behavioral changes associated with the emotional, motivational, personality, social and environmental conditions of the elderly.

HURES 2063 Survey of Human Resources3 hours--Orientation to the human resource perspective; study of human service delivery systems developed for the promotion and maintenance of human welfare; helping service philosophy and methods; helping professional values and skills; human service occupational information; a view of social forces influencing the provision of human services.

HURES 2073 Introduction to Prevention Science ■
3 hours--This course provides an overview of theory, research, and practice in prevention science and health promotion, including foundational concepts, intervention, methodology, and application and implementation of effective approaches. Emphasis is given to the strategic prevention framework and substance issues.

HURES 2083 Human Behavior and Social Environment I
3 hours--Prereq.: For Social Work Majors, SOC 1113, PSYCH 1113 and BIOL 1114. Theoretical frameworks drawn from the biological, social, and behavioral sciences for understanding across the life span and the range of social systems in which people live; and the ways social systems promote or deter achievement of health and well-being. Explored is the impact of factors including ethnicity, race, class, age, gender, sexual orientation, disability, and culture on human development and behavior.

HURES 2103 Interviewing Techniques
3 hours--Introductory course in Human Resources. This course is designed to aid the student in developing basic communication interviewing skills used in the various Human Service fields. The course will familiarize the student with communication theory as well as the stages, planning, and styles of interviewing.

HURES 2153 Deaf Culture
3 hours--This course covers the treatment of Deaf individuals, their education, and legal status in Western cultures from early civilizations to the present day, including the political and philosophical forces which influence this treatment.

HURES 2183 Fundamentals of Counseling
3 hours--This course provides a philosophical orientation to the counseling function, and the counseling model of community services, and explores the various theoretical approaches to the provision of these services.

HURES 2213 Introduction to Rehabilitation Counseling
3 hours--A study of rehabilitation concepts, process, philosophy, and its legislative-historical progression. Emphasis will be placed on the role and function of the counselor and the methods and techniques utilized in the rehabilitation process.

HURES 2293 Introduction to Aging
3 hours--Orientation to concepts, philosophy and legislation on aging. Topics include: implications of aging, legislative and community services. The course is designed so that the student may gain basic knowledge, values, and skills in this area.

HURES 2511-2 Field Work Studies (Field study named in title listing)
1 to 2 hours--Prereq.: Departmental approval. This course is designed to provide the student with a supervised field experience in a human service delivery setting. This approach allows the student to validate classroom theory in a realistic setting.

HURES 2881-4 Special Studies in Human Resources (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

HURES 3083 Medical, Social and Psychological Aspects of Disability
3 hours--A study of the relationship between disability and behavior throughout the life process with primary emphasis upon adaptive psychological and social processes. Concepts pertinent to the medical and occupational assessment and persons with disabilities will be considered as they relate to self-concept, environmental demands, and management of disability effects.

HURES 3103 Psychological-Social Aspects of Deafness

■ Denotes a Liberal Arts course.

3 hours--Considers effects of prelingual and postlingual deafness or hearing impairment on the psychological and emotional development and adaptation of the individual to deafness. Presents a study of cognitive and linguistic development, personality, interpersonal behavior, social reactions, personal adjustment, and deaf culture. Also includes an introduction to counseling with deaf people.

HURES 3133 Introduction to Audiology
3 hours--A study of the anatomy of the ear, types and causes of hearing loss, hearing testing, and remediation techniques of persons with hearing impairments. The course also includes an introduction to hearing aids, their function, and limitations.

HURES 3183 Case Management Practice
3 hours--Prereq or Coreq.: 2103 or departmental approval. A study and practice of case management and knowledge and skills for effective case management. Areas of emphasis include: identification and assessment of client situations, use of formal and informal assessment techniques, case recording skills, and development of individualized assessments and case plans.

HURES 3203 Vocational Testing and Evaluation
3 hours--A study of the vocational testing and evaluation principles and procedures used in various helping services. Instruction and practice in the administration, scoring, and interpretation of instruments used in the assessment of intelligence, aptitude, interest, and personality.

HURES 3213 Employment and Placement Techniques ■
3 hours--A course designed to assist the student in learning the methods and procedures of placing individuals in productive employment. Topics include: theories of vocational development, occupational classification, job satisfaction, job seeking skills, job performance, and job analysis.

HURES 3283 Addictions & Society
3 hours--A study of the relationship between addictive behavior and its impact on individuals, families, and society, as well as the presence of co-occurring/co-existing diagnoses. Various assessment instruments will also be explained. Pharmacological, psychological and social aspects of addictions will be discussed.

HURES 3383 Introduction to Addictions
3 hours--A study of the various addictions in society, including alcohol, chemical dependency, gambling and co-occurring abuse. Emphasis will be placed on the various techniques and philosophies utilized in addiction counseling and service delivery. Ethics, best practices, as well as various programs and settings will be discussed.

HURES 3763 Group Processes and Practice
3 hours--Prereq.: 2103. A study of the nature and purpose of various types of groups, techniques of group facilitation and direction, and the roles of participant and leader in various practice settings. Includes experiential component designed to expose students to group process.

HURES 3813 Family Systems, Codependency and Addictions
3 hours--A study of the family as a basic social unit and the effect that addictions, including alcohol, chemical, gambling, and others, have on the family system. Family intervention and treatment modalities will be explored.

HURES 4003 Theory and Practice of Prevention Science ■
3 hours--Prereq.: HURES 2073. This course is a follow-up to the Introduction to Prevention Science course. Students will explore and address emerging issues in the field, prevention ethics, and implementation science, theories, and their application to community-based research.

HURES 4263 Gerontological Program Management
3 hours--A study of the various community programs designed to serve the elderly and an analysis of management procedures necessary for administration of these programs. Topics include: program development, coordination of services, use of volunteers, and special problems of the target population.

HURES 4443 Counseling Services
3 hours--Prereq.: 2183 and junior standing. This course is the application of counseling knowledge and techniques to various client groups and specialized settings.

HURES 4453 Intervention Techniques
3 hours--Prereq.: 2183 and junior standing. This course provides the knowledge of crisis intervention as a treatment modality including its history, theoretical base, and application of techniques in crisis situations.

HURES 4763 Interpreting I
3 hours--Prereq.: ASLHR 3063. A survey of the basic theories, guidelines, principles and practices of interpreting, including the interpreter code of ethics and role of the interpreter. Techniques of interpreting in vocational rehabilitation, mental health, social services, educational, medical, and legal situations will be discussed in terms of responsibilities of the interpreter, the physical setting, vocabulary, ethics and related topics. Role playing and simulated interpreting experiences will be included in the course. Students will also observe interpreters in a variety of settings.

HURES 4794 Interpreting II
4 hours--Prereq.: 4763, ASLHR 4703. Continued study of the principles and practices of interpreting. Emphasis will be placed on the techniques used for interpreting the manual and oral communications of deaf persons into spoken English equivalents. All types of situations requiring reverse interpreting will be presented using the various forms of communication used by deaf individuals. Special techniques and requirements for oral interpreting and deaf-blind interpreting will also be included. Students will observe interpreters in various settings. Students will also do interpreting in a variety of settings under the supervision of the instructor.

HURES 4931-4 Human Resources Practicum
1 to 4 hours--Prereq.: Departmental approval. This course provides structured experiences in the major competency areas necessary for effective helping services. Supervision is provided for the integration and application of knowledge and skills which are compatible with career goals.

HURES 4946 Internship
1 to 12 hours--Prereq.: Retention grade point average of 2.5 and departmental approval. Each student is required to complete a total of twelve hours (usually one semester) of field t raining c onsisting o f full-time work in an approved setting. Under special circumstances, alternative arrangements may be approved.

HURES 4981-4 Seminar in Human Resources (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem area.

HURES 4991-4 Individual Study (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

HURES 5043 Human Services Administration and Supervision
3 hours--A study of the application of administrative concepts to the delivery of human services, including the supervision of counselors utilizing the model of counselor supervision and consumers, organizational leadership and behavior, and program evaluation. Issues such as the emphasis on

profit, production, and efficiency will be discussed.

HURES 5053 Community Service Theory and Practice
3 hours--This course is a theoretical approach to the study of the dynamics of the counseling practitioner and clinical rehabilitation and clinical mental health counseling services systems, including private-for-profit and private-not-for-profit organizations. The principles of clinical mental health and clinical rehabilitation, including but not limited to prevention, intervention, consultation, education, and advocacy are presented. Students will explore the impact of disabilities, addictions, and mental health issues on individuals and families. Students will utilize effective counseling techniques, strategies, and theories as they apply to various rehabilitation and mental health settings within the community.

HURES 5073 Assessment of Psychological, Social, and Relational Aspects of Disability
3 hours--This course explores the relationship between disability and individual behavior. Course looks at the appraisal and assessment of individuals with disabilities through various approaches which may include testing and non-testing methods. Primary emphasis will be on the assessment of the adjustment process in life development. Major theories of adjustment will be discussed and experiential exercises will be utilized. The impact of disability will be evaluated in terms of its effects on family, relationships, work, transition from school to work, and independent living.

HURES 5083 Concepts in Addiction Counseling Practice ■
3 hours--This course is an exploration of concepts of chemical dependency, including: the nature of addiction; gender and substance use disorders; substance use and abuse by children and adolescents; codependency and enabling; dual-diagnosis; medical model; psychosocial model; disease of the human spirit; assessment; intervention; and treatment modalities.

HURES 5103 Human Services Research
3 hours--Development of skills in reading, interpreting, using research. Evaluation of research for practice application will be required to prepare a research proposal consistent with current social science research methodology to include a research question or hypothesis.

HURES 5113 Personal, Social and Work Adjustment Counseling
3 hours--The course is designed to help students acquire knowledge and experience in individualized work adjustment plan development, treatment/training strategies, and progress monitoring procedures related to the development of appropriate work behavior and functional community skills for persons with mental and psycho-social disabilities. Addresses the different types of habilitation and rehabilitation facilities, community integration, independent living, and transition from school to work of persons with special needs.

HURES 5123 Grant Proposal Writing
3 hours--Prereq.: 5103 and Graduate standing. Development of skills required to write and manage grants for human services and related organizations. The student will learn to develop grant ideas, complete narrative information, submit required forms, and develop budgets necessary to compete for funding through a variety of federal, state and private organizations.

HURES 5133 Human Sexuality
This course is an introduction to the clinical, scientific, and philosophical study of human sexuality. It examines sexuality in the context of current research, culture, and opposing perspectives with the goal of fostering healthy attitudes toward sexuality. It is intended primarily for helping professionals who work with clients or plan to in the future. Various definitions, experiences, and expressions of sexuality will be explored and debated to assist students in developing individual perspectives on human sexuality. Willingness to openly discuss topics of sexuality and relationships is critical for this course. Topics surveyed include sexual and psychosexual development, sexual health and disease, romantic love and sexual desire, sexual variations, sexual dysfunction and therapy.

HURES 5153 Operations Management
3 hours--A study of the design, operations and control of the human service delivery system. Topics of study include strategic planning and programming; budgeting, operating, and accounting systems; cost outcome/cost effectiveness techniques; project scheduling and control; and facility/office layout.

HURES 5163 Appraisal and Assessment of Individuals, Groups, and Families
3 hours--This course will present the use of assessment procedures to determine characteristics of individuals. Emphasis will be placed on assessment of persons with disabilities, addictions and families. Instruction and practice in the administration, scoring, and interpretation of results will be a primary function. Includes using the measures of vocational interest, achievement, aptitude, and personality tests, work samples, situational assessment, and curriculum-based vocational assessment. Stresses assessment procedures for persons with significant disabilities and addresses vocational education of secondary special need students and transition from school to work.

HURES 5173 Rehabilitation in the Private Sector
3 hours--This course explores the rehabilitation process in private-for-profit and private-non-profit organizations. Private sector models will be presented. Issues such as the emphasis on profit, production, and efficiency will be discussed. Ethics for practice will be included.

HURES 5183 Addictions Theory ■
3 hours--This course is an exploration of the historical and contemporary substance abuse counseling theories. In-depth attention will be given to the following models: strengths perspective, motivational interviewing, harm reduction, and stage-of-change. Ethics and best practices will be discussed. A consumer-centered approach is taken in the class.

HURES 5193 Adaptations and Accommodations in Assessment and Work Settings
3 hours--This course identifies necessary accommodations for persons with disabilities to successfully complete vocational evaluation, work adjustment, and employment tasks. Students will learn to adapt and modify vocational assessment procedures and the work adjustment setting. In addition the student will be prepared to make similar recommendations to employment settings.

HURES 5213 Diagnosis and Treatment of Psychiatric and Co-occuring Disorders
3 hours--This course is designed to provide information concerning major categories of psychiatric impairment. An overview of psychiatric impairments, diagnostic categories and co-occurring disorders will be presented. Implications for treatment, work and independence will be communicated through the use of case studies. Students will learn the application and use of the DSM for diagnosis and treatment.

HURES 5243 Clinical Rehabilitation and Clinical Mental Health Foundations
3 hours--This course focuses on development of skills and knowledge related to rehabilitation and mental health counseling. Emphasis is placed on the role and function of the counselor and the methods and techniques utilized in rehabilitation and mental health processes. Rehabilitation and mental health legislation, history, philosophy, case management, and trends in rehabilitative and mental health services are presented. Professional

identity, professional organizations, standards, relevant credentials, and the importance of professional relationships related to the field are also discussed. Performance of duties in various rehabilitation and mental health settings such as public, private, community-based rehabilitation and mental health facilities, as well as specialized areas of practice will be addressed.

HURES 5253 Legal and Ethical Aspects of Case Management
3 hours--A course designed to assist the students in learning the methods and procedures of data management, case coordination, and writing of individual client programs. Legal and ethical practice requirements will be integrated with each topic presented in the class. Ethical decision making models will be presented.

HURES 5263 Management Information Systems
3 hours--A study of the information processing system needed for planning and controlling a human service organization. Topics include design and operation of management information systems and administrative use of computers.

HURES 5283 Psychopharmacology and Substance Abuse ■
3 hours--This course is an introduction to psychoactive drugs and their mechanisms of action, effect on the human body, common abuse, and clinical use. Specific areas covered include the physical, cognitive, emotional, and behavioral effects of psychoactive drugs.

HURES 5303 Program Evaluation
3 hours--This course provides an introduction to program evaluation for the human service administrator. Basic techniques needed for determining the effectiveness and efficiency of various human service programs will be covered, including: needs assessment, program outcomes and management information, cost-effectiveness analysis, and evaluation of indirect services.

HURES 5333 Vocational Assessment of Persons With Disabilities
3 hours--The course is designed to help students acquire knowledge and experience in vocational assessment and counseling of persons with disabilities. Includes using the measures of vocational interest, achievement, aptitude, and personality tests, work samples, situational assessment, curriculum-based vocational assessment. Stresses assessment procedures for persons with severe disabilities and addresses vocational education of secondary special need students and transition from school to work.

HURES 5343 Personnel Supervision
3 hours--A study of the personnel aspects of the human service organization and its relation with other organizational components. Emphasis is given to increasing the students' knowledge and understanding of factors affecting effective human resource utilization. Topics covered include leadership and motivation theories, manpower planning, recruitment and selection, civil service systems, collective bargaining/unionization, career development/training, performance evaluation, discipline, equal opportunity programs, and organizational change.

HURES 5363 Theories of Marriage and Family Counseling
3 hours--A survey of the major theories, methods, and techniques of marriage and family counseling with an emphasis on legal and ethical issues. Counseling concerns of multi-cultural families and persons with disabilities will also be addressed.

HURES 5383 Family Systems and Addictions ■
3 hours--An advanced study of the family as a homogenous social unit and the interaction of addictive processes (including alcohol, chemical, gambling, and other) has on the family system. Family intervention and treatment modalities will be explored.

HURES 5433 Organizational Leadership and Decision Making
3 hours--An integrative approach to the study of major leadership and decision making theories. This course will explore strategies and options for integrating values into leadership decision making. Applying those strategies to real world case studies and developing tools to navigate those situations where there is pressure to compromise values or disengage from our ethics or moral compass.

HURES 5463 Medical Aspects of Disability
3 hours--The course is designed to help students acquire knowledge and understanding of the body systems and related disabilities. A holistic approach to assessment of functional capacity of persons with disabilities is presented. Emphasis is placed on the functional limitations and effect of medical disability on employment, training, and independent living. Psychological implications including psycho-social and adjustment aspects of disability is also emphasized.

HURES 5473 Framework for Job Placement Development
3 hours--The course is designed to help students acquire knowledge, understanding, and experience in the job placement of persons with significant disabilities and the impact on the individual and family. A holistic approach to job placement is presented. Includes: job seeking training, job development procedures, job analysis, job modification, labor market information, working with business and industry, legislation and placement, selective placement, supported employment, supportive services, independent living, transition from school to work, and follow-up services.

HURES 5483 Family Therapy and Addictions ■
3 hours--A survey of the major theories, methods, and techniques of marriage and family counseling, with an emphasis on the impact of addiction and the treatment of addictive patterns in family frame work. The application of family systems theory and the implementation of family therapy techniques to the patterns of addiction is the foundation of this course. The major camps marriage and family therapy theory will be covered. This may include, but is not limited to experiential, process, behavioral, cognitive, family systems, family of origin, structural, strategic, narrative, and feminist theories. The student will consider the nature of what scientist-practitioners know and how we know it, shift from linear causality and the medical model to circular causality and an eco-systemic model. Problems will be viewed as relational and serving a purpose in any given system.

HURES 5553 Practicum in Human Services
3 hours--Prereq.: Departmental approval. Supervised individual or group counseling and community development field experiences through placement in an appropriate human service setting, and/or supervised counseling and guidance activities in a laboratory setting. Maximum number of allowable hours is determined by program option curriculum.

HURES C5553 Practicum in Counseling
3 hours--Prereq.: Departmental approval. Practicum I and II are to be taken consecutively. Students must be within the last 20 hours of the program and have completed core counseling theory coursework. Instructor permission is required. Maximum number of allowable hours is determined by program option curriculum. Supervised individual or group counseling and community development field experiences through placement in an appropriate human service setting, and/or supervised counseling and guidance activities in a laboratory setting.

HURES R5553 Practicum in Clinical Rehabilitation and Clinical Mental Health Counseling
3 hours--Departmental approval. To be taken the semester before internship. Supervised individual and/or group rehabilitation and clinical

mental health counseling field experiences through placement in an appropriate rehabilitation and/or clinical mental health counseling setting (may include state agencies, shelter workshops, evaluation centers, group homes, independent living centers, private counseling agencies, etc.) and/or supervised counseling and guidance activities in a laboratory setting.

HURES 5563 Practicum in Counseling Supervision
3 hours--Prereq.: 5553 (taken twice). The student will be provided theoretical and applications models for providing supervision of individual and group counseling in a human service organization. Students will explore appropriate techniques for evaluation of effectiveness. Techniques for provided support and skill building will also be emphasized.

HURES 5603 Human Growth and Development, a Multicultural Approach
3 hours--The course will focus on theory of growth and development as it applies to social and cultural groups. Factors such as life-style adaptation, and life transitions will be explored. The relationship between development and the counseling relationship will be emphasized.

HURES 5613 Counseling Theories
3 hours--This course is an exploration of the historical and contemporary counseling theories. In-depth attention will be given to those theories most applicable to the work of the Human Resources Counselor.

HURES 5623 Counseling Intervention
3 hours--Prereq.: 5213 and 5613 or EDPSY 5163. The focus of the course is a study of crisis situations commonly encountered by counselors. Students will develop practical strategies and techniques for the prevention of or intervention in crisis situations.

HURES 5633 Career and Life-Style Development
3 hours--This course will focus on theories of vocational choice, including such factors as job satisfaction, motivation and work performance, and vocational information systems. In addition, the relationship between life-style and physical and mental health will be explored. Students will acquire knowledge and experience in individualized work adjustment plan development, treatment/training strategies, and progress monitoring procedures related to the development of appropriate work behavior and functional community skills for persons with mental and psycho-social disabilities. Addresses the different types of habilitation and rehabilitation facilities, community integration, independent living, and transition from school to work of persons with special needs.

HURES 5713 Group Counseling Theory and Practice.
3 hours--Prereq. HURES 5613 Counseling Theories: Theoretical foundations of group counseling and group work are examined. Group dynamics and therapeutic factors of group counseling are also studied. Students will learn effective group leadership skills. Relevant strategies for providing group services to culturally and ethnically diverse individuals, in addition to individuals with disabilities, will also be explored. Participation in a ten clock hour small group direct experience is required.

HURES 5943 Internship in Clinical Rehabilitation and Clinical Mental Health Counseling
3 hours--Prereq.: Completion of clinical rehabilitation and clinical mental health counseling course work and departmental approval. Students will spend a minimum of 600 clock hours providing counseling services in a rehabilitation agency and/or clinical mental health setting under the supervision of a Certified Rehabilitation Counselor and Licensed Professional Counselor. Students will acquire experience in rehabilitation, vocational, and mental health counseling, assessment of mental health and functional capacity, rehabilitation, and mental health treatment planning, job development, job placement, and other significant activities of rehabilitation as well as experiences in clinical mental health counseling. Students are expected to engage in the full range of counseling services.

■ Denotes a Liberal Arts course.

HURES 5953 Internship in Counseling
3 hours--Prereq.: HURES C5553, completion of counseling course work and departmental approval. Students will spend a minimum of 600 clock hours providing counseling in an approved human services organization. The internship will be closely supervised by an on-site supervisor and faculty advisor. Students are expected to engage in the full range of services provided by the internship agency. May not be taken with any Practicum.

HURES 5981-4 Seminar in Human Resources (Subject named in title listing)
1 to 4 hours--Directed intensive study on selected problem or special topic.

HURES 5991-4 Individual Study in Human Resources (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and 12 hours human resources or departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Humanities

These courses are taught in respective instructional departments: Art, Communication, English and Languages, and Music.

HUM 2113 General Humanities I ■
3 hours--Study of significant ideas of Western and other cultures as manifest in history, visual arts, architecture, music, literature, and philosophy from prehistoric times to the Renaissance.

HUM 2123 General Humanities II ■
3 hours--Study of significant ideas of Western and other cultures as manifest in history, visual arts, architecture, music, literature, and philosophy from the Renaissance to the present.

HUM 2313 Multicultural American Literature ■
3 hours--A study of the prose, poetry, drama, and film of American writers from diverse cultural perspectives.

HUM 2323 Global Literatures ■
3 hours--A study of global perspectives expressed through literature from multiple continents and in multiple genres.

HUM 2413 Responding to Literature ■
3 hours--Introduces the understanding and interpretation of literature, with emphasis on Western literature from a variety of cultures. Poetry, fiction, drama, film, and non-fiction from a variety of eras are studied. Literary terms are introduced.

HUM 2513 Introduction to Oklahoma Cultural Studies ■
3 hours--Introduces cultural studies by examining the historic, economic and geographic influences on Oklahoma's diverse populations. Topics are explored by showing how literature, music, film, and the arts reflect and shape the state's culture.

HUM 2613 Philosophy: An Introduction ■
3 hours--A study of the significant ideas of Western culture as reflected in philosophical thought from the earliest beginnings to the present.

HUM 2633 World Religion and Thought ■
3 hours--A study of the world's most influential religions and religiously oriented schools of thought, with an emphasis on those flourishing now.

HUM 2713 Language and Culture ■
3 hours--A study of the nature of language and of the relationship of language to society and to the individual. Students will explore both universal and cross-cultural aspects of language and will be introduced to at least three languages from three different language families.

HUM 2813 Interpreting Film ■
3 hours--A study of film from a esthetic, cultural, and historical perspectives.

HUM 2881-4 Special Studies in Humanities (Subject named in title listing) ■
1 to 4 hours--Directed group study on special subject or problem.

HUM 4981-4 Seminar in Humanities (Subject named in title listing) ■
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

Courses in Kinesiology

KIN 1963 Introduction to Kinesiology
3 hours--An orientation course designed to acquaint majors and minors with the origin, scope, development, and purpose of the Kinesiology discipline. The course will provide knowledge concerning future directions and career possibilities.

KIN 2122 Choices in Wellness ■
2 hours--A study of concepts from the biological, social, and behavioral sciences as they relate to lifestyle choices of wellness. Emphasis is on integration of knowledge, attitudes, and appropriate practices related to self-directed positive health behaviors.

KIN 2131 Participation in Intercollegiate Sports
1 hour--Varsity level competition of the sport in season. Meets 5 days a week. Course will be graded P (Pass) or NP (No Pass).

KIN 2183 Basic Nutrition
Principles of nutrition, applied to personal food choice and health.

KIN 2223 Sports Nutrition
3 hours--This course examines the role of nutrition as it relates to athletes and others involved in active lifestyles. Specifically, nutrition is examined as it relates to athletic performance, disease prevention/treatment, and various sport-specific nutritional requirements, and special populations.

KIN 2273 First Aid
3 hours--Immediate and temporary treatment for accidental injuries, sudden illness, traumatic shock and thermal burns. Major emphasis is placed on CPR, artificial respiration, transporting injured persons from one location to another, immobilization of suspected fractures and poison control. Also included, mental health considerations as related to sickness, injury and stress management.

KIN 2413 Applied Anatomy ■
3 hours--Study of the structure of the human body with limited physiological applications for each anatomical system. Special emphasis is placed on the anatomical systems contributing to movement and energy production.

KIN 2433 Theory of Coaching
3 hours--Study of the techniques of coaching modern-day sports.

KIN 2713 Care and Prevention of Athletic Injuries
3 hours--Basic instruction is given in the care, prevention, assessment and management of common injuries and illnesses. Additional medical concerns are addressed as they relate to athletic participation. This includes topics such as illness, disease, legal issues, etc. This course serves as an overview and introduction to basic athletic training principles.

KIN 3103 Technology in Kinesiology
A Kinesiology approach to the concepts, terms, and trends in computing. Hardware and software used in the field of Kinesiology will be interwoven with database, spreadsheet, word processing, network, and internet skills. The course equips students to use various forms of technology in the field of Kinesiology.

KIN 3233 Adapted Physical Education
3 hours--A class to prepare physical education majors in planning activities and physical education programs for handicapped students. It includes characteristics of different handicapping conditions and suggestions for corrective therapy.

KIN 3303 Fundamentals of Sports Administration
3 hours--Introduction to the concepts, aspects, and philosophies of managing sport, fitness and Recreational organizations.

KIN 3353 Research and Evaluation of Kinesiology ■
3 hours--This course is designed to provide an understanding in the processes of selection, administration, and interpretation of assessment instruments as they relate to Kinesiology.

KIN 3552 Methods of Elementary Physical Education
2 hours--Methods and procedures for teaching age appropriate physical education activities to elementary students with consideration for maturation and individual differences. Note: Degree credit not allowed in both 3433 and 3552.

KIN 3563 Health Promotion
3 hours--Basic introduction to the principles of health promotion. Specific topics will include disease prevention, risk reduction, wellness, risk appraisal and risk reduction, behavior change theories, program planning and management, holistic health/wellness, and others.

KIN 3613 Motor Learning ■
3 hours--Prereq. or Coreq.: 2413. An exploration of learning theory as it relates to movement skills; the interaction of cognitive, affective and psychomotor learning domains; the application of learning theories to the skills of physical education, recreation and athletics.

KIN 3623 Community Recreation
3 hours--A study of the organization of community recreation programs with an emphasis on leadership, personnel, facilities, and finance.

KIN 3723 Biomechanics
3 hours--Prereq. or Coreq.: 3613. Scientific study of human movement; analysis of fundamental movements and the mechanical principles that apply to human motion; application to teaching movement skills.

KIN 3733 Physiology of Exercise ■
3 hours--Prereq. or Coreq.: 3723. A general study of the bioenergetics of muscular work; neuromuscular structure function, and control; cardiorespiratory function and control; physical training; and, nutrition and exercise performance.

KIN 3883 Legal Aspects of Kinesiology
3 hours--Explores the law and how it impacts the field of kinesiology. Examination of topics includes the American legal system, individual courses of action, legal issues commonly found within kinesiology,

understanding the concepts of ethics, negligence, and risk management strategies to reduce legal liability.

KIN 4153 Organization and Administration
3 hours--Prereq.: Senior status. An overview to prepare the student for roles and responsibilities of administration including basic management principles, personnel, and budget.

KIN 4223 Strength and Conditioning
3 hours--Students will learn principles of designing and implementing strength and conditioning programs for clients ranging from the physically active to the competitive athlete. Students will gain knowledge, expertise and specific techniques characteristic of safe and effective strength and conditioning programs. Emphasis will be placed on programming needs of individuals across gender, age and physical fitness status.

KIN 4253 Management of Tournaments and Competitive Sports Events
3 hours--A comprehensive study of the organization of tournaments and meets. This course offers the opportunity to become involved in the direct organization and communication with high schools conducting programs germane to this phase of public school education.

KIN 4284 Practicum
4 hours--Prereq.: Senior Status. A structured practical experience in Kinesiology. The assignment will be under the supervision of a Kinesiology department faculty member.

KIN 4543 Advanced Theory of Coaching
3 hours--An intensive study of modern techniques of coaching.

KIN 4593 Psychology of Sports ■
3 hours--This course examines psychological theories and research related to sport and exercise behavior. The course is designed to introduce students to the field of sport and exercise psychology by providing a broad overview of the major topics in the area.

KIN 4623 Exercise Testing and Prescription
3 hours--Prereq. or Coreq.: 3733 and 4223. This course reviews the established link between fitness and health. Skills and concepts are taught that enable the learner to choose and perform appropriate physical assessments for the four primary areas of fitness and prescribe appropriate exercise regimens based on the results and knowledge of the needs of various populations.

KIN 4981-4 Seminar in Kinesiology (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

KIN 4991-4 Individual Study in Kinesiology (Subject named in title listing)
1 to 4 hours--Directed individual study on special subject or problem. Open only to selected undergraduates.

KIN 5303 Sports Administration
3 hours--Introduction to the concepts, aspects, and philosophies of managing sport, fitness and recreational organizations.

KIN 5313 Sport Facility Management
3 hours--Planning, design, management and upkeep of facilities such as gymnasiums, fields, courts, and aquatic centers.

KIN 5323 Legal Aspects of Sport
3 hours-- This course is designed to give each student in sports administration an introduction to legal implications and an understanding of how legal concepts impact decision making.

■ Denotes a Liberal Arts course.

KIN 5353 Ethics in Sports Administration
3 hours--This course will provide the student with a theoretical base and systematic reasoning tools to address ethical dilemmas in a thoughtful, reflective manner. Focus will be placed on specific issues related to sports such as respect, fair play, honesty, sportsmanship, and responsibility.

KIN 5413 Principles of Sport Finance
3 hours--This course is designed to examine financial concepts in sport with emphasis on various types of budgets, cost control measures, planning and monitoring various account types, and creating annual reports.

KIN 5423 Marketing and Event Management
3 hours--Basic concepts of marketing and management of sport and sporting events and venues, promotion, facility maintenance, fund raising and other income sources, licensing, joint venture agreements and corporate sponsorship will be examined.

KIN 5533 Sports in American Society
3 hours--The course examines the influence of the social context on sport, and how sport affects the social world we live in. Special emphasis will be on how sport interacts with gender, race/ethnicity,culture, socioeconomic class, media relations, deviance, and sexuality.

KIN 5513 Leadership and Personnel Management
3 hours--This course examines issues of management and organizational behavior within sports administration, with specific reference to issues of staffing, motivation, and communication. Introduces leadership theory, as well as the tools and techniques for its practical applications, including how to most effectively apply leadership theory on a daily basis within a sports organization.

KIN 5613 Practicum in Sports Administration
3 hours--Prereq.: Departmental approval. Minimum of 100 hours of on-the-job learning experience, related to students career interest. The internship will be specified by the employer/supervisor with consent of the in-structor and program director. Provides experiential learning during which the student works under direct supervision. The student is immersed in a variety of intensive work assignments, including: weekly journals, writ-ten reports, and various presentations. The student will be evaluated by both the employer/supervisor and instructor. The internship requires prior program approval and a formal agreement among the student, department and employer. Student will formulate and develop an acceptable portfolio according to departmental guidelines.

KIN 5981-4 Seminar in Health, Physical Education and Recreation (Subject named in title listing)
1 to 4 hours--Directed intensive study on selected problem or special topic.

KIN 5991-4 Individual Study in Health, Physical Education and Recreation (Subject named in title listing)
1 to 4 hours--Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Latin

LATIN 1113 Elementary Latin I ■
3 hours--Training in the essentials of Latin forms and construction; easy reading.

LATIN 1223 Elementary Latin II ■
3 hours--Prereq.: 1113. Continued study of grammar and composition; reading of stories of mythology and Roman history.

LATIN 2881-4 Special Studies in Latin (Subject named in title listing) 1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

LATIN 4981-4 Seminar in Latin (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on

special subject or problem.

Courses in Legal Studies

LS 3223 Legal Research and Writing I ■
3 hours--Prereq.: LSPS 2153 or departmental approval. Introduction to legal research, writing, research strategies, case briefs, vocabulary, uniform system of citation; digests, statutes and reports; Shepard's; annotated law reports; encyclopedias; and computer databases.

LS 3233 Legal Research and Writing II
3 hours--Prereq.: 3223 or departmental approval. Continuation of LS 3223. Advanced legal research; court rules; restatements; administrative decisions; drafting operative legal documents, memoranda of law to the trial court, appellate briefs; treatises; form books; periodicals.

LS 3243 Native American Legal Clinic ■
3 hours- Practical experience in skills such as client intake, case management, legal research, and document drafting. Special emphasis is given to legal issues facing First American tribal members. May be repeated for a maximum of 6 credit hours.

LS 3383 Legal Systems Applications
3 hours--Prereq.: LSPS 2153 (can be taken concurrently). A comprehensive course covering legal office applications, terminology, ethics and confidentiality, and human relations.

LS 3563 Civil Procedure and Litigation ■
3 hours--Prereq.: LSPS 2153 or departmental approval. Topics to include: client interviewing, case investigation, jurisdiction, venue, the filing of pleadings and motions, discovery techniques, file and document management, trial preparation and assistance, and post trial practice.

LS 4123 Torts ■
3 hours--Prereq.: LSPS 2153 or departmental approval. An introduction and study of the broad area of civil wrongs and their appropriate remedies. Analysis of tort law principles in the traditional areas of intentional torts, negligence, absolute liability, product liability, nuisance and commonly employed defenses. Emphasis is placed on the ethical obligations pertaining to the practice of tort law for paralegals and attorneys.

LS 4133 Evidence ■
3 hours--Prereq.: LSPS 2153 or departmental approval. A study of the Federal and Oklahoma Rules of Evidence. Analysis of evidentiary rules regarding hearsay, character evidence, evidence of other crimes, lay and expert testimony, and other types of evidence in trials. The course will focus on the evidentiary rules, the policy reasons for those rules, and their application at trial with a progression through the litigation process, utilizing the rules of evidence. Evidentiary rules regulate the admission of proof in the trial setting; therefore, the different types of proof including testimony, writings, physical objects, and anything else presented to the jury or judge will be studied. Emphasis will be placed on paralegal trial preparation and ethical obligations.

LS 4143 Native American Law ■
3 hours--An introduction and study of issues related to Native Americans and the law. Emphasis on the analysis of sovereignty issues, treaties, and Native American courts.

LS 4173 Contracts ■
3 hours--Prereq.: LSPS 2153. A practical study of the basic elements of contracts. This course focuses on fundamental problems of contract formation, performance, breach and remedies.

LS 4183 Real Estate Law ■
3 hours--Prereq.: LSPS 2153 or departmental approval. The law and history of real estate transactions and procedures. Topics to include: information gathering, title searches, preparation of preliminary abstracts of title and title opinions, mortgages, deeds, leases, and closing procedures.

LS 4253 Family Law ■
3 hours--Prereq.: LSPS 2153 or departmental approval. Law and procedure relating to marriage, children, and property. Topics to include: interviewing; preparation of pleadings for dissolution, support, and division of property; tracing assets; drafting settlements; and other issues.

LS 4283 Criminal Law ■
3 hours--Prereq.: LSPS 2153. A study of the source and development of criminal law, its practical application, interpretation, and enforcement, and an analysis of Supreme Court decisions to emphasize problems in due process.

LS 4543 Wills, Estates, Trusts and Probate ■
3 hours--Prereq.: LSPS 2153 or departmental approval. Estate planning and fiduciary management. Topics to include: estate plans, wills, federal estate tax, state inheritance tax, federal and state income tax, record keeping, court accountings, trust administration, and asset inventory.

LS 4653 Administrative Law ■
3 hours--Prereq.: LSPS 2153 or departmental approval. An examination of the laws and procedures of government agencies, including agency purposes, rights of private parties, legal issues, quasi-judicial decisions and appeals.

LS 4863 Legal Ethics ■
3 hours--Prereq.: Senior standing. An examination of ethical problems confronting paralegals and the legal profession and an intense application of skills learned in the legal studies major.

LS 4943 Legal Internship
3 hours--Practical experience gained while serving in a law office or a legally related context under professional supervision with special projects under the guidance of a faculty member.

LS 4981-4 Seminar in Law (Subject named in title listing) ■
1 to 4 hours-Directed group study on a special subject or problem.

LSPS 2153 Introduction to Law ■
3 hours--Prereq.: PS 1113 or departmental approval. An examination of the nature of law, the structure and functions of the American courts and judiciary, selection of judges, and political influences on judicial decisions.

LSPS 4113 International Law ■
3 hours--Prereq.: 2153. This course explores the role of international law in the relations of states; intergovernmental organizations, nature, development, theory, sources of law; international personality; jurisdiction, including territory and nationality; dispute settlement.

LSPS 4883 Jurisprudence ■
3 hours--Prereq.: 2153. Jurisprudence is the philosophy of law. This course examines the leading schools of thought that influence legal thinking and decision making, including natural law, positivism, legal realism, and others.

LSPS 4981-4 Seminar in Law (Subject named in title listing) ■
1 to 4 hours--Directed group study on a special subject or problem.

Courses in Library Science

(See Courses in Education and Library Science)

Courses in Management

(See Courses in Business Administration)

Courses in Management Information Systems

(See Courses in Business Administration)

Courses in Marketing

(See Courses in Business Administration)

Courses in Mass Communication

MCOM 1211 Introduction to Media Equipment
1 hour--This course is designed to have students become acquainted with audio recording equipment, cinematography and photography camera equipment, computer, digital file organization, and Adobe Creative Suite software.

MCOM 1713 Introduction to Photography
3 hours--Introduction to basics of lighting, camera operation, and use of the digital darkroom. Emphasis on composition, subject matter, and development of a vision through the lens of a camera. Students create a final thematic project as an introduction to photojournalism and converged media.

MCOM 1733 Introduction to Mass Media ■
3 hours--A survey of mass communication including the history and development of newspapers, magazines, web-based media, radio, and television.

MCOM 1813 Introduction to Video Production
3 hours--Introduction to camera operation and editing with an emphasis on the development of technical and aesthetic skills.

MCOM 2003 Principles of Game Design ■
3 hours--This course examines the principles of game design through exercises and assignments geared toward creating compelling games. Students will learn the game design process through a comprehension of the history of game design, game theory, and project development from initial concept to public launch. Topics include basic terminology and best practices in the fundamentals of art, design, and programming using contemporary game engine software.

MCOM 2733 Writing for Media I ■
3 hours--Principles of writing styles for mass media. Study includes writing formats in print, broadcast, and Internet.

MCOM 2743 Photojournalism ■
3 hours--Prereq.: 2733. Photojournalism brings the worlds of media writing and media production together. With an emphasis on writing for print, online, and broadcast media, students will enhance their writing and production skills through reporting on current events.

MCOM 2753 Introduction to Audio Production
3 hours--Principles and practices of contemporary audio production.

MCOM 2881-4 Special Studies in Mass Communication (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

MCOM 3013 Media Practicum
3 hours--Students have an opportunity to develop their skills with hands-on and service learning experiences. Students will prepare and present their own programs/performances, review and critique media products, and work in different aspects of the industry through student media or local community organizations. Students are encouraged and enabled to use this course to network and work with each other, expanding their professional and personal spheres, while creating and organizing collaborative productions and projects.

MCOM 3023 Audio Engineering I
3 hours--Prereq.: 2753. Students will explore the basics of studio recording, the principles of live sound reinforcement, and Digital Audio Workstation recording. They will identify successful techniques and methodologies in working with Adobe Audition and Pro Tools and employ them in audio processing to create sound designs.

MCOM 3043 AR/VR Production
3 hours--This course is designed to introduce fundamental practices of immersive media production. Students already capable of linear video production or motion graphic design will expand their skills to 360° audio and video capturing, authoring augmented reality experiences, and interactive virtual reality projects.

MCOM 3053 Social Media Management
3 hours--The student will investigate the individual pieces of a social media marketing plan including; social media analysis, target audience, objectives, strategies, and tactics, social media scheduling and calendars, budgeting, evaluation, search engine optimization, and media and web analytics.

MCOM 3063 Emerging Media
3 hours--Students engage with new and emerging media practices, concepts, trends and technology. Students will produce projects utilizing new and emerging technology, allowing them to creatively express ideas and solve problems. The course introduces students to current changes occurring in the field, and also prepares them to succeed in a constantly shifting media landscape.

MCOM 3333 Intermediate Photography
3 hours--Prereq.: 1713. Introduction to basics of studio lighting and intermediate camera and digital darkroom techniques. Develop visual storytelling skills and a thematic language of the medium. Students will be introduced to the professional market and to resources available for print and the internet.

MCOM 3343 Imaging for Media
3 hours--Introduction to basic design and layout concepts. Students will learn how to design and lay out publications, images, text, as well as the basics of web design.

MCOM 3623 Web Design
3 hours--Introduction to the basics of web design, including page design, workflow, and integration of text, graphics, audio and video in web page design.

MCOM 3783 Writing for Media II ■
3 hours--A study of the types of specialized styles for articles in newspapers, magazines, and corporate in-house news, adver-tising and public relations.

MCOM 3823 Advertising
3 hours--This course covers an introduction of advertising, target audience, the planning process, the creative process, electronic media: television and

■ Denotes a Liberal Arts course.

radio and integrating marketing communication elements.

MCOM 3843 Advertising Copy & Layout
3 hours--Principles and practices of writing copy and layout design for advertisements.

MCOM 3853 Media Ethics and Law ■
3 hours--A study of ethics and law in mass communication.

MCOM 3863 Radio and Podcast Production ■
3 hours--Techniques in news gathering, field reporting, interviewing and story production. Course will focus on presentation skills, practical production problems and responsibilities, audience, ethics and law, and news judgment for electronic media.

MCOM 3873 Intermediate Video Production
3 hours--Prereq.: 1813. This course is designed to expand on fundamental video production techniques, explore live video capturing, and intermediate to advanced digital editing processes. Students participating in MCOM 3873 will develop their skills with single and multiple camera cinematography as well as digital editing.

MCOM 3893 Public Relations ■
3 hours--This course covers the history, origin and business of PR along with tactics, publics/diversity, ethics/legal issues, research/evaluation, crisis communication and overall professional strategic communication.

MCOM 4012 Career Preparation
2 hours--Students pursue research into career opportunities for one holding a degree in Mass Communication. Includes guest lecturers and alumni who have worked in the field or created new opportunities using skills learned.

MCOM 4023 Audio Engineering II
3 hours--Prereq.: 3023. Students will utilize advanced studio recording, concert production and live sound reinforcement, and advanced sound design as well as audio installation. Students will explore 5.1 surround sound mixing.

MCOM 4123 Short Film Production
3 hours--Short Film Production is designed for students to produce a short film with the intent of entering their work into state-level film festivals. Students will form a production team and write, direct, shoot, edit, produce audio, correct imaging and publish a short film in the genre of their choosing.

MCOM 4223 Conceptual Art Photography
3 hours--Prereq.: 1713. Students will create concept based portfolios of artistic photography.

MCOM 4233 Documentary Production
3 hours--Develop a documentary form for the purpose of publication or portfolio.

MCOM 4313 Advanced Video Production
3 hours--Prereq.: 3873. This course is designed to expand on intermediate video production techniques and explore advanced digital editing processes. Students participating in MCOM 4313 will develop their skills with single and multiple camera cinematography as well as digital editing.

MCOM 4323 Advertising & Public Relations Campaigns (Subject named in title listing)
3 hours--Principles and practices to integrate advertising and public relations skills to produce campaigns. Emphasis on creating print, broadcast, Internet and/or other media elements followed by full campaign preparation. May be repeated as topic changes.

MCOM 4611 Senior Portfolio in Mass Communication
1 hour--Prereq.: Departmental approval and senior status. Students will complete individual portfolios appropriate to their concentrations for career preparation and assessment purposes.

MCOM 4711-3 Professional Internship (Subject named in title listing)
1 to 3 hours--Students enrolled in Professional Internship work with university departments, local businesses and community organizations to develop their resume and portfolio in a professional setting. Students are expected to work 40 hours per course credit while enrolled in Professional Internship.

MCOM 4733 Contemporary Issues in Mass Communication ■
3 hours--A study of contemporary issues in mass communication.

MCOM 4743 Editing and Design ■
3 hours--Principles of story, advertising or public relations material selection, editing and placement, and of page, section, edition or brochure design.

MCOM 4813 Public Relations Writing ■
6 hours--Principles and practices of public relations writing such as press releases, media kits and feature stories.

MCOM 4863 Television Studio Production
3 hours--Prereq.: 1813. Study of principles and practices of video production using studio equipment with an emphasis on the development of technical and aesthetic skills.

MCOM 4961-4 Senior Project in Mass Communication
1 to 4 hours--Prereq.: Open to Mass Communication majors with senior standing and departmental approval. Scholarly and/or creative work in Mass Communication. Hours determined by scope of project as approved.

MCOM 4981-4 Seminar in Mass Communication (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

MCOM 4991-4 Individual Study in Mass Communication (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

MCOM 5981-4 Seminar in Mass Communication (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

MCOM 5991-4 Individual Study in Mass Communication (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours mass communication. Directed intensive study on selected problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Mathematics

CPSMA 2923 Data Structures and Algorithm Analysis ■
3 hours--Prereq.: CMPSC 2133; Prereq. or Coreq.: MATH 2613 or 2825. Basic concepts of data structures, stacks, queues, trees, tables, hashing, lists, strings, arrays, files, and applications to various areas of computer science. Equivalent to course CS7 in the Association for Computing Machinery recommended curriculum.

CPSMA 3913 Discrete Mathematics ■
3 hours--Prereq.: CMPSC 1113; MATH 2613 or 2825 or departmental approval. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. An introduction to areas of mathematics with direct applications to computer science. The contents of this course include: discrete structures including sets, relations, functions, graphs, trees, and networks; enumeration including permutations, combinations, iteration, recursion, and finite differences; propositional and predicate logic; graph theory; matrices; and applications of discrete structures such as modeling and solving linear programming problems and designing data structures such as trees, graphs, search algorithms etc. The history behind the development and key contributors to Discrete Mathematics is discussed throughout the course.

CPSMA 3933 Operations Research ■
3 hours--Prereq.: MATH 2613 or 2825. A survey of operations research techniques as applied to quantitative decision making. Topics include the linear programming model and other optimization techniques applied to inventory, transportation, assignment, network models, project scheduling, and simulations.

CPSMA 4373 Network Science
3 hours--Prereq.: 1113 or departmental approval. Provides an introduction to network science. Modeling of systems as networks, using graph theory, from a variety of disciplines is explored. Analysis algorithms for networks and the challenges associated with applying them to large scale networks are presented. Related software for network analysis is studied. The course will focus on the applications of complex network analysis to fields such as biology, cyber-security, and social networks.

CPSMA 4413 Numerical Methods ■
3 hours--Prereq.: MATH 3025, CMPSC 1113 or departmental approval. An introduction to basic numerical analysis with emphasis upon numerical methods and error analysis in the study of such topics as power series, solutions of equations and systems of equations, integration and differentiation, convergence, and solutions of ordinary differential equations.

CPSMA 4513 Data Applications in Business
3 hours--Prereq.: MATH 3025. Applications of data techniques with an emphasis on real-world problem solving utilizing problems from business, industry and government. Topics include regression analysis, Markov chains, error analysis, Monte Carlo simulations, and big data. Emphasis will be made to professional coding and presentations.

EDMA 5243 Assessment and Treatment of Mathematics Difficulties
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course will examine difficulties students have with acquisition of typical arithmetic skills. The focus will be on diagnosing and determining interventions for at risk students (i.e., students with dyscalculia and/or other mathematics-related deficits) in processing, memory, mathematics language skills, sequencing, and attitudinal/emotional factors. Individual assessment and error analysis will be used to determine interventions.

EDMA 5663 Mathematics Leadership and Mentoring
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course will provide students with the most current understanding of mathematics consultation and mentoring. Topics will include leadership for school mathematics programs, collaboration with teachers and other professionals, data analysis, curriculum issues, knowledge of mathematics standards, and facilitation of professional development. These foundations will provide students with experience in working with teachers to improve instructional practice as well as student achievement. An emphasis will be placed on mastering the complexities of observing and modeling in classrooms and providing feedback to teachers.

EDMA 5713 Number Concepts and Operations - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of number concepts and operations as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in number concepts and operations. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5723 Geometry and Measurement - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of geometric ideas as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in geometrical reasoning. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5733 Data Analysis and Probability - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of data analysis and probability as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in data analysis and probability. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

EDMA 5743 Algebra and Functions - Pedagogy in Mathematics
3 hours--Prereq.: Valid teacher certification in Elementary Education and/or Early Childhood Education and two years of full-time teaching experience in grades Pre-Kindergarten through Grade 5 at an accredited school under a valid state issued teacher credential. This course is designed for educators to deepen their conceptual and procedural understandings of algebraic ideas as well as strengthen their pedagogical knowledge of how K-12 students develop fluency in algebraic reasoning. Special attention will be given to patterns, connections, critical thinking, sense making, and multiple representations.

MATH 0113 Beginning Algebra ■
3 hours--A review of elementary algebra including fractions, operations on real numbers, polynomials, first and second degree equations and inequalities, exponents, graphing, relations and functions, and systems of equations and inequalities. This course does not count for degree credit and does not satisfy the general education requirement in mathematics. Grading is "P" or "F".

MATH 0214 Intermediate Algebra ■
4 hours--A review of elementary algebra including fractions, operations on real numbers, polynomials, first and second degree equations and inequalities, exponents, graphing, relations and functions, and systems of equations and inequalities. This course does not count for degree credit and does not satisfy the general education requirement in mathematics. Grading is "P" or "F".

MATH 0221 Supplemental Probability and Statistics
1 hour--This course is designed to be taken alongside an Introduction to Probability and Statistic course. It reviews or introduces key concepts and skills students need to succeed in Introduction to Probability and Statistics. These concepts include data analysis, elementary and general probability spaces treated from an intuitive point of view, common frequency distributions, and statistical inference.

MATH 0411 Supplemental Survey of Mathematics
1 hour--This course is designed to be taken alongside a Survey of Mathematics course. It reviews or introduces key concepts and skills students need to succeed in Survey of Mathematics. Topics will be selected from logic, algebra, analysis, geometry, topology, probability, statistics, and mathematics of finance.

MATH 0512 College Algebra Supplement ■
2 hours--This course is designed to be taken alongside a College Algebra course. It reviews or introduces key concepts and skills students need to succeed in College Algebra. These concepts include rational arithmetic, factoring, polynomials, graphing functions, algebraic rules, and notation.

MATH 0612 Supplemental Functions and Modeling ■
2 hour--This course is designed to be taken alongside a Functions and Modeling course. It reviews or introduces key concepts and skills students need to succeed in Functions and Modeling. These concepts include study of equations and functions (linear, polynomial, rational, exponential, logarithmic) from various perspectives (symbolic, verbal, numerical, graphical); digital techniques for graphing functions, solving equations, and modeling data using regressions.

MATH 1223 Introduction to Probability and Statistics ■
3 hours--Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes theoretical and empirical probability, uses and misuses of statistics, analysis of data through summary statistics like mean and standard deviation and also through visual representations like histograms and scatterplots. An overview of probability is also given, including both discrete and continuous distributions, most prominently including the binomial and normal distributions respectively. These distributions are applied to real life data to make statistical conclusions. In the development of probability, combinatoric techniques including permutations, combinations, and decision trees are used. Critical thinking about statistical studies is also a focus, with students learning about sampling methods (randomization and chance), sources of bias, the impact of outliers on statistical results, quantitative literacy, visualizing and summarizing data, statistical inference, and other related topics. The course examines statistical problem solving and decision making in light of the dependence upon understanding, explaining, and quantifying the variability in a set of data in order to make decisions considering randomization and chance.

MATH 1413 Survey of Mathematics ■
3 hours--An introduction to various topics in mathematics designed to convey a general knowledge and appreciation of mathematics. Topics will be selected from logic, algebra, analysis, geometry, topology, probability, statistics, and mathematics of finance.

MATH 1513 College Algebra ■
3 hours--Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes the study of number systems, patterns and relationships, proportional quantities, rates of change, applications, functions, and the use of multiple models to represent and examine abstract or real-world problems graphically, numerically (tabular), analytically and in words. Careful treatment is given to families of functions, applications that exist in everyday life, and interpreting numerical answers in context. A strong focus on relationships across and among models (i.e. Inverses), multiple representations, and entry points for algebraic and function connections are a focus of the course.

MATH 1613 Functions and Modeling ■
3 hours--Study of equations and functions (linear, polynomial, rational, exponential, logarithmic) from various perspectives (symbolic, verbal, numerical, graphical); digital techniques for graphing functions, solving equations, and modeling data using regressions. This course is designed for students in agricultural, business, life/health science, or social science majors.

MATH 1653 Mathematics for Biological Science ■
3 hours--Prereq.: 0214 or second-year algebra in high school. Selected topics from algebra, trigonometry, analytical geometry, probability, and other topics applicable to the study of biology. Open only to medical technology majors and biology majors and minors. Degree credit not allowed in both MATH 1513 and 1653; nor in both MATH 1613 and 1653. This course does not satisfy the general education requirement for teacher certification.

MATH 1713 Trigonometry ■
3 hours--Prereq. or Coreq.: 1513 or 1613 or 1653. Across all mathematics courses, department objectives for concluding students'

skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses.The content of this course includes development of students' understanding of concepts, procedures, knowledge and applications of trigonometry and associating geometry. Concepts explore development between multiple measures of angle (degrees, radians, gradients, and grade), opportunities to apply knowledge of special angles (similar triangles, unit circle, graphing, and applications), specific applied problems involving similar triangles, navigation, and surveying (requires attention to ration in proportion in addition to the careful use of units and conversions), as well as functions, identities, and equations.

MATH 2613 Calculus for Business, Life and Social Sciences ■
3 hours--Prereq.: 1513 or 1613 or 1653. Informal study of differentiation and integration of polynomial, exponential and logarithmic functions with applications to business, life and social sciences. (Note: Degree credit not allowed in both MATH 2613 and 2825)

MATH 2713 Mathematical Concepts I ■
3 hours--This course is designed to give education majors rich mathematical experiences and opportunities to demonstrate connections and apply understandings to the following mathematical concepts: demonstrate and explain arithmetic operations using standard and non-standard algorithms with various models, interpretations, manipulatives, and representations for whole numbers and integers.; utilize mental math, estimation, set theory, other base numeration systems, factoring, and divisibility to solve problems.; identify patterns and real-world relationships to solve problems; represent relationships graphically, numerically, analytically, and verbally; identify and apply the properties associated with whole numbers and integers; create and evaluate inferences, conjectures, and mathematical arguments based upon patterns and investigations. In addition, best practices are discussed when applicable and appropriate concerning the objectives mentioned throughout the entirety of the course.

MATH 2723 Mathematical Concepts II ■
3 hours--Prereq.: 2713. his course is designed to give education majors rich mathematical experiences and opportunities to demonstrate connections and apply understandings to the following mathematical concepts: use appropriate terminology and notation of geometry; classify, analyze, and categorize shapes in two and three dimensions; define and apply units of measure, including the creation and use of nonstandard units; apply and construct algebraic formulas relating linear measurements of geometric shapes to the two and three dimensional measurements of perimeter, area, and volume; apply basic concepts of congruence and similarity to applications of geometry; select and use appropriate geometric tools to construct and measure basic Euclidean shapes; perform and apply geometric transformations in problem solving; create and evaluate inferences, conjectures, and mathematical arguments based upon patterns and investigations. In addition, best practices are discussed when applicable and appropriate concerning the objectives mentioned throughout the entirety of the course.

MATH 2733 Mathematical Concepts III ■
3 hours--Prereq.: 2713. This course is designed to give education majors rich mathematical experiences and opportunities to demonstrate connections and apply understandings to the following mathematical concepts: use ratios, proportions, drawings, and/or manipulatives to represent, explain, and solve problems incorporating fractions, decimals, and percentages; demonstrate and distinguish between standard and nonstandard algorithms, interpretations, and representations of rational and real numbers; identify and apply the properties of the real number system; select and apply basic concepts of probability including the use of lists, tables, and/or tree diagrams to analyze events and determine probabilities; formulate and answer questions by collecting, organizing, and displaying relevant data; organize, analyze, and interpret a set of data by forming frequency distributions and creating various graphs; calculate and provide conceptual explanations of measures of central tendency, relative position, and dispersion of data; create and evaluate inferences, conjectures, and mathematical arguments based upon patterns, investigations, and data. In addition, best practices are discussed when applicable and appropriate concerning the objectives mentioned throughout the entirety of the course.

MATH 2825 Calculus and Analytic Geometry I ■
5 hours--Prereq.: 1713; 1513 or 1613 or 1653. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes the study of basic functions (including transcendental functions), limits, differentiation, and integration. For each of these concepts, multiple representations are seen. The focus of the calculus sequence is beyond solely procedural into the conceptual understanding and concepts are examined from a descriptive (words), numerical, a graphical, and an algebraic perspective. Applications to other areas of mathematics and content areas are included. For example, derivatives to sketch curves, integration to find areas in addition to business, economics, physics, and social sciences. Concepts include calculation of instantaneous rates of change, limits and summation of infinitely many small factors to determine the whole, continuity, techniques as well as meaning of differentiation and integration, and the Fundamental Theorem of Calculus. Throughout the calculus sequence is a focus on connections, multiple representations, as well as visual and conceptual understanding (when relevant). Note the use of Desmos as a visual and procedural aid as well in the course.

MATH 2881-4 Special Studies in Mathematics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed study on special subject or problem.

MATH 3025 Calculus and Analytic Geometry II ■
5 hours--Prereq.: 2825 or departmental approval. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness

of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes all major integration techniques, such as integration by parts, partial fraction decomposition, or trigonometric substitution. This includes the problem-solving skill of selecting the appropriate technique for a given problem. Similarly, students learn all the major tests for convergence of infinite series, such as the ratio test or limit comparison test. Applications to other content areas are included throughout—students apply integration to standard realistic problems involving fluid pressure, volume, surface area, work and so on. Other topics include improper integrals, parametric and polar functions, and numerical integration. For each of these concepts, multiple representations are seen. The focus of the calculus sequence is beyond solely procedural into the conceptual understanding and concepts are examined from a descriptive (words), numerical, a graphical, and an algebraic perspective (when relevant). Throughout the calculus sequence is a focus on connections, multiple representations, as well as visual and conceptual understanding. Note the use of Desmos as a visual and procedural aid as well in the course.

MATH 3033 Calculus and Analytic Geometry III ■
3 hours--Prereq.: 3025 or departmental approval. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes generalizing most of the techniques of Calculus I and II to multiple dimensions. For instance: use and application of vectors; double and triple integration and relationships between these ideas; vector fields including applications and integration over them; derivation of areas and volumes of a variety of shapes including approaches to deal with general shapes. Derivatives and integrals are applied to vector functions, three-dimensional surfaces, and vector fields. These are tied to applications like motion in space, optimization of multivariate functions, fluid flow, surface area, volume, and many others. Students also spend time graphing three-dimensional functions and exploring their properties. For each of these concepts, multiple representations are seen. The focus of the calculus sequence is beyond solely procedural into the conceptual understanding and concepts are examined from a descriptive (words), numerical, a graphical, and an algebraic perspective (if relevant). Throughout the calculus sequence is a focus on connections, multiple representations, as well as visual and conceptual understanding. Note the use of Desmos as a visual and procedural aid as well in the course.

MATH 3093 Intro to Theorem Proving and Number Theory ■
3 hours--Prereq.: 3025 or departmental approval. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes: introduction to proofs and techniques of proofs including logic, contradiction, mathematical induction, recursion and cases; exploration of proper mathematical writing techniques and proper logical explanations in a variety of contexts including set theory, number theory, graph theory and others.

MATH 3213 College Geometry ■
3 hours--Prereq.: 3025, 3093. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes: Euclidean, Incidence, Taxicab, and non-Euclidean geometry. Focus surrounds the history and the development of the Fifth Postulate of Euclid's Elements as well as proof writing in addition to axiomatic systems, independence, Saccheri-Legendre quadrilaterals, measurement, and fractals. Other modern topics including fractals, tessellations, and symmetry are included in addition to visual representations for numerical functions and relations, transformations, and applications. Woven throughout the course is an introduction to the history of geometry, starting from Euclid and other ancient Greeks and continuing through the development of hyperbolic geometry. A rigorous axiomatic approach carried throughout the course develops first theorems which are true in Euclidean and Non-Euclidean geometry and then the theorems that depend on the parallel postulate. Students must create their own proofs as well as read and critique proofs. Other modern topics including fractals, tessellations, symmetry are included in addition to visual representations for numerical functions and relations, and transformations.

MATH 3513 Mathematical Statistics ■
3 hours--Prereq.: 1223 and 3025, or departmental approval. A study of advanced probability theory including counting techniques, permutations, and combinations, properties of random variables with emphasis on density functions, expected values, estimators, moments and moment generating functions, and discrete and continuous probability distributions.

MATH 3583 Applied Statistics ■
3 hours--Prereq.: 1223 or BSEC 2603. An advanced course in applied statistics covering the following topics: sampling distributions, summary measures, interval estimation, hypothesis testing, chi-square test, analysis of variance, linear and multiple regression, correlation analysis, forecasting, time series, and nonparametric methods.

MATH 3713 Linear Algebra ■
3 hours--Prereq.: 3025. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating

mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes: a basic overview of matrices, their properties, operations on matrices and how they can be used to solve a variety of problems including applied mathematics problems; the major topics of Gauss-Jordan row reduction method, determinants, rank nullity theory; vector spaces are also treated generally, including their defining properties and the theorems based on them. This includes bases and change of bases, linear independence, rank and nullity. Eigenvalues and eigenvectors are also explored, including their applications and what they tell us about linear transformations. Assessments, projects, and assignments used in the course provide evidence of the acquisition of this knowledge.

MATH 3813 Modern Algebra ■
3 hours--Prereq.: 3033, 3093 or departmental approval. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes: the study of algebraic functions and structures, including mappings, equivalence relations, homomorphisms and isomorphisms, and groups and subgroups. The primary focus is on the study of group theory including relationships between structures such as groups, rings, and fields. Properties and results are introduced and explored for general groups as well as some specific types of groups including, but not limited to, dihedral, permutation, symmetric, cyclic, normal, and factor groups. Subgroup tests, Cosets and Lagrange's Theorem, and Cayley's Theorem are among the results of importance. Computational and proof-based assignments and assessments in this course are used to demonstrate acquisition of this knowledge by the students.

MATH 4113 Differential Equations ■
3 hours--Prereq.: 3025 or departmental approval. Introduction to the theory of ordinary differential equations; differential equations of the first order and first degree, first order and higher degree; linear differential equations; differential equations of order higher than the first; applications.

MATH 4133 Intermediate Analysis ■
3 hours--Prereq.: 3033, 3093 or departmental approval. Some properties of the real number system, functions, sequences, limits, differentiation, Riemann integrals.

MATH 4223 Introduction to Point Set Topology ■
3 hours--Prereq.: 3033, 3093 or departmental approval. Elements of set theory, the real number system, mappings, metric spaces and general topological spaces.

MATH 4313 Introduction to Complex Variables ■
3 hours--Prereq.: 3025. A study of the complex number system, functions of a complex variable, differentiation, integration, series, residues and poles, conformal mappings, and applications to the physical sciences.

MATH 4811 History of Mathematics ■
1 hour--Prereq.: 3025 or departmental approval. The historical development of mathematical concepts and symbolism.

MATH 4915 Methods of Teaching Secondary Mathematics
5 hours--Prereq.: 2825 or departmental approval.Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary important. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes exploring a variety of mathematical topics in a conceptual manner. The focus is on sense-making activities incorporating manipulatives, activities, patterns, and math history where applicable for topics including number theory, algebra, geometry, trigonometry, and calculus as well as other selected topics. A select portion of the course each week inspects high school mathematics topics and the interrelated connections to their university courses as well as related pedagogy. The topics examined include geometry, measurement, trigonometry, and calculus as well as other selected topics. Additionally, the goal is to encourage candidates to examine relationships between and among mathematical ideas as well as support them in building strong conceptual relationships surrounding these key mathematical topics. Students study significant figures in mathematics history (particularly underrepresented groups for one assignment) and end the course with a Mathematics History Portfolio which includes mathematicians from underrepresented groups (at least 3) from the following content areas: Number and Quantity, Algebra, Geometry and Trigonometry, Statistics and Probability, Calculus, and Discrete Mathematics. This course is designed to give mathematics education majors rich learning experiences with the following mathematics pedagogy topics: instructional strategies; motivational techniques; lesson planning; diversity; differentiated instruction, individual differences; math learning disabilities; assessment; the role of questioning (developing skills; reciprocal, reflective, etc.); classroom management; resources; math activities and games; learning aids; textbook adoption; current issues in mathematics; and trends in mathematics education. Additionally, students will develop a better understanding of mathematics pedagogy; select, use, and determine the suitability of a wide variety of available mathematics curricula and teaching materials for all students; select and use appropriate concrete materials for learning mathematics; plan lessons, units, and courses that address appropriate learning goals, including those addressed by the local, state, and national mathematics standards; participate in professional mathematics organizations and use their resources; use knowledge of different types of instructional strategies in planning mathematics lessons; and develop a better understanding of classroom management issues.Cumulatively, candidates are asked to create and present dynamic, rigorous, engaging, creative, real-world, and technology-based lesson plans over topics examined. The goal is for candidates to create future lesson plans taking into account the diversity, mathematical strengths, and individual and group identities. Expectations are that plans incorporate rigorous learning goals based on math

■ Denotes a Liberal Arts course.

standards and practices, tasks with high cognitive demands, appropriate technology, engaging mathematical representations that ai

MATH 4923 Perspectives in Mathematics ■
3 hours--Prereq.: 3033 and senior standing. Across all mathematics courses, department objectives for concluding students' skillset include problem-solving strategies and reasoning skills for routine and nonroutine contextual or non-contextual problems (abstract and real-world); Communicating mathematical ideas orally and in writing such as analyzing, representing, and generalizing; Construct mathematical models as well as understand the process of modeling mathematics; and competency with symbolic manipulation as well as flexibility with numerical operations, solution strategies, and appropriateness of solutions. The focus of connection-across topics, math subject, and content areas-is of primary importance. Finally, implement technology, when appropriate, throughout all math domains to serve as an aid in deeper conceptual understanding, clarification, dynamic visual aid, and corroborate results amongst numerous other uses. The content of this course includes: historical and contemporary perspectives in mathematics with emphasis on connections, oral and written communication, and synthesis of ideas; all major theorems from calculus reviewed and interesting applications are presented (Fundamental Theorem, MVT, IBP, Limit Definitions); concentrated review of trigonometry; additional Calculus topics; polynomial concepts are reinforced including graphs, division, partial fraction decomposition, and fundamental theorem of algebra as well as major topics in the history of mathematics. The history of mathematics is surveyed, including the development of differing number systems and notations from around the world, early geometry developments in classical and ancient cultures, the development of algebra in India and Arabia and its transfer to Europe, as well as later developments such as the controversial development of calculus, the transition from pure probability theory to applications such as statistics, the history of graph theory and its significance in modern proof techniques, non-Euclidean geometry, trigonometry, and many others. Students learn about the lives and contributions of significant mathematical figures in algebra, geometry, calculus, probability and statistics, discrete mathematics, and number systems. This includes common figures such as Newton, Euclid, Gauss and more, but also includes women, minorities and figures from non-western cultures, such as Noether, Banneker, Kovalevsky, du Chatelet, Aryabhata, Al-Kwarizmi, Ramanujan and more. This course is a senior capstone course and students show evidence of mathematics content knowledge through quizzes, papers, general assignments, article review presentation, a research project with presentation and research paper components, and taking the Major Field Test.

MATH 4981-4 Seminar in Mathematics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

MATH 4991-4 Individual Study in Mathematics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

MATH 5981-4 Seminar in Mathematics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

MATH 5991-4 Individual Study in Mathematics (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours in mathematics. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Medical Technology

MEDTE 1611 Orientation to Medical Technology
1 hour--An introduction to the skills and techniques essential for the professional medical technologist.

MEDTE 4117 Clinical Microbiology
7 hours--Lecture and supervised laboratory instruction in pathogenic bacteria, fungi, parasites, viruses, and antimicrobial susceptibility testing with emphasis on clinical decisions and medical significance. Includes quality control, computer applications, instrumentation, quality assurance/improvement, safety and governmental regulations.

MEDTE 4125 Clinical Chemistry I
5 hours--Lecture and supervised laboratory instruction in biochemistry methodology and clinical microscopy with emphasis on clinical decisions and medical significance. Includes quality control, computer applications, instrumentation, quality assurance/improvement, safety and governmental regulations.

MEDTE 4236 Clinical Hematology
6 hours--Lecture and supervised laboratory instruction in routine and special hematology studies correlating hematological findings with medical significance. Includes quality control, computer applications, instrumentation, quality assurance/improvement, safety and governmental regulations.

MEDTE 4246 Clinical Immunology/Immunohematology
6 hours--Lectures on immunologic (antigen-antibody) responses, serological methodology and theory of immunohematology as applied to blood groups, types, compatibility testing, and blood components. Supervised laboratory instruction in immunology and immunohematology methodology with emphasis on clinical decisions and medical significance. Includes quality control, computer applications, instrumentation, quality assurance/improvement, safety and governmental regulations.

MEDTE 4325 Clinical Chemistry II
5 hours--Lecture and supervised laboratory instruction in biochemistry methodology and clinical microscopy with emphasis on clinical decisions and medical significance. Includes quality control, computer applications, instrumentation, lab mathematics, quality assurance/improvement, safety and governmental regulations.

MEDTE 4351 Topics in Medical Technology
1 hour-- Lectures on principles and practices of the Medical Laboratory including management education (health care delivery system, ethics, professionalism, communication skills, human resources and financial management), regulations, and research design/special projects.

Courses in Military Science

MS 1000 Military Science Leadership Lab
0 hour--A non-credit course required each semester for GOLD Program, soldiers and Military Science minors. This course provides leadership and management opportunities in formal and informal military settings.

MIS 1223 Introduction to Military Profession
MS1223 introduces Candidates to the challenges and competencies that are critical for effective leadership. Candidates learn how the development of life skills such as creative thinking, critical thinking, and effective communication form a foundation for success. Writing and briefing in the Army style will be introduced and reinforced through

a series of in-class briefing and writing assignments. Candidates begin learning the basics of team dynamics and squad level tactics. They are required to apply their knowledge outside the classroom in a hands-on, performance-oriented environment during a weekly lab facilitated by MSIV Candidates and supervised by GOLD Cadre. This course is restricted to members of the GOLD program

MS 1313 Introduction to Military Leadership and Personal Development
3 hours--Introduces the student to the personal challenges and competencies that are critical for effective leadership. Students will learn how the personal development of life skills such as goal setting, problem-solving and time management relate to leadership, officership and the Army profession. Students will focus on and explore dimensions of the leadership attributes and core competencies in practical hands-on scenarios and exercises. Open to all students.

MS 2113 Basic Leadership Camp
3 hours--Explores the foundations of leadership by studying military history, and the prominent leaders and battles that shaped our country. Writing and briefing in the Army style are stressed through a series of written assignments and in-class briefings, and Candidates will read two books directly related to their personal growth and development. Candidates will continue to build on their land navigation skills through a series of written and practical land navigation exercises. Candidates are then required to apply their knowledge outside the classroom in a hands-on, performance-oriented environment during a weekly lab

MS 2123 Foundations of Leadership
3 hours--Focuses on the basics of small unit leadership and the Warfighting Functions. The course introduces the Candidates to the Troop Leading Procedures and how to apply them to the 5-Paragraph Operations Order. The ability to lead and follow is also covered through Team Building and communication exercises at squad level. Writing and briefing in the Army style are stressed through a series of written assignments and in-class briefings. Candidates will read two books during the semester that directly relate to the growth and development of their leadership skills. Candidates are then required to apply their knowledge outside the classroom in a hands-on, performance-oriented environment during a weekly lab

MS 3313 Military Leadership and Management
5 hours--Prereq.: National Guard OCS program approval. Studies small unit leadership fundamentals. Examines the junior officer's role and responsibilities in the leadership process. Addresses topics such as professional ethics, soldier/team development, and Army written and oral communication skills. Open to qualified undergraduate students who have been accepted to the Oklahoma National Guard OCS Program.

MS 3123 Military Tactics and Operations
5 hours--Prereq.: National Guard OCS program approval. Studies the fundamentals, techniques, and procedures of light infantry squad and platoon tactics. Develops leadership skills in planning, organizing, and executing small unit operations. Open to qualified undergraduate students who have been accepted to the Oklahoma National Guard OCS Program.

MS 3412 Advanced Leadership Camp
2 hours--Prereq.: National Guard OCS program approval. An intensive two-week period of pre-commissioning training. Oriented towards squad and platoon level operations in a field environment. Students plan, organize, and conduct small unit operations and training in a variety of leadership positions. Training takes place at a military installation. Open to qualified undergraduate students who have been accepted to the Oklahoma National Guard OCS Program.

■ Denotes a Liberal Arts course.

MS 3422 Foundations of Tactical Leadership
3 hours--Prereq.: 2122 or GOLD Cadre approval. An examination of the challenges of leading tactical teams in the complex contemporary operating environment. This course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. Contemporary Operating Environment case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Open to all students.

MS 4113 Foundations of Tactical Leadership
MS4113 focuses on applied leadership in small unit operations. It is an academically challenging course where Candidates will study, practice, and apply the fundamentals of direct level leadership at the platoon level. Candidates will work directly with GOLD Cadre in the planning and facilitation of daily physical training, weekly labs, and a 3-day field training exercise. Throughout the semester there will be an emphasis on teaching and leading underclassCandidates on the execution of land navigation techniques in classroom and field settings. Candidates will also participate in weekly discussions with Cadre of assigned reading to challenge their analytical skills and apply previously learned knowledge of leadership styles. At the conclusion of this course, Candidates will be capable of planning, coordinating, navigating, motivating and leading a platoon in the execution of a mission. This course is restricted to members of the GOLD program.

MS 4123 Applies Leadership in a Small Unit Operation
MS4123 is a continuation of MS4113 and focuses on applied leadership in small unit operations. It is an academically challenging course where Candidates will study, practice, and apply the fundamentals of direct level leadership and small unit tactics at the platoon level. Candidates will work directly with GOLD Cadre in the planning and facilitation of daily physical training, weekly labs, and a 3-day field training exercise. Throughout the semester there will be an emphasis on grading and providing feedback to underclass Candidates on the execution of Squad Tactical Exercises from issuance of the 5-Paragraph Operations Order, through the Troop Leading Procedures, and culminating in facilitation of an AfterAction Review. At the conclusion of this course, Candidates will be capable of planning, coordinating, navigating, motivating and leading a platoon in the execution of a mission. This course is restricted to members of the GOLD program.

Courses in Music

Private instruction course numbers for music majors and minors are as follows: 2201, 2222, 3301, 3332. The last digit determines credit hours; a 1 credit hour course = 30 minutes of private instruction and a 2 credit hour course = 60 minutes of private instruction. The third digit in 1011 through 4082 indicates the number of terms the student has taken the instruction.

MUS 1000 Performing Arts Recital
0 hours--A non-credit course required each semester for music majors and minors. The course provides listening and performance opportunities in formal and informal concert settings.

MUS 1113 Music Theory & Ear Training I ■
3 hours--Beginning at a fundamental level, the elements of music including the study of pitch, rhythm, note reading, clefs, key signatures, scales, intervals, and chords, with reference to basic musical style, and includes laboratory sight singing and ear training practice. Three hours lecture and two hours lab weekly.

MUS 1121 Vocal Diction I ■
1 hour--Proper stage diction for singers of English and Italian through the use of the International Phonetic Alphabet. Not intended as a grammatical study. Fulfills one hour of the voice requirement for vocal and piano majors only. (Elective for all others.)

MUS 1133 Music Theory & Ear Training II ■
3 hours--The elements of music including the study of clefs, keys, scales, meters, rhythm, diatonic chords; theoretical applications of music through part writing, sight singing, ear training, computer assignments and keyboard harmony. Two hours lecture and two hours lab weekly.

MUS 1233 Music Theory & Ear Training III ■
3 hours--Prereq.: 1133. Further study of diatonic chords, harmonic progression, phrase structure, theoretical applications of music through part writing, analysis, sight singing, ear training, and keyboard harmony. Two hours lecture and two hours lab weekly.

MUS 1511 Class Instruction in Brass Instruments ■
1 hour--Extra fee charged. Class instruction in one brass instrument and survey of entire brass choir. Course may be repeated, if approved, to provide for instruction in different instruments.

MUS 1521 Class Instruction in Wind Instruments
1 hour--For music education students in the vocal and piano concentrations. Instruction includes "hands-on" experience, including teaching and performing on wind instruments at basic, beginning, and intermediate levels of both performance pedagogy and literature.

MUS 1611 Class Instruction in Woodwind Instruments ■
1 hour--Extra fee charged. Class instruction in one woodwind instrument and survey of entire woodwind choir. Course may be repeated on same basis as MUS 1511.

MUS 1711 Class Instruction in String Instruments ■
1 hour--Class instruction in one string instrument and survey of entire string choir. Course may be repeated on same basis as MUS 1511.

MUS 1811 Class Instruction in Percussion Instruments ■
1 hour--Extra fee charged. Class instruction in one percussion instrument and survey of entire percussion choir. Course may be repeated on same basis as MUS 1511.

MUS 1911 Class Piano I
1 hour--Extra fee charged. Group instruction in applied piano, special emphasis on theoretical concepts relevant to keyboard facility development, sight reading of historical keyboard styles and fundamentals of keyboard harmony pedagogy.

MUS 1921 Class Piano II
1 hour--Extra fee charged. Group instruction in applied piano, special emphasis on theoretical concepts relevant to keyboard facility development, sight reading of historical keyboard styles and fundamentals of keyboard harmony pedagogy.

MUS 2111 University Singers
1 hour-- The study of choral music with emphasis on the historical, theoretical and performance-practice aspects of music for large ensembles, leading to the performance of the literature.

MUS 2122 Introduction to Sacred Music
2 hours--An introduction to the field of Sacred Music. An examination of varying music types found in different denominations from both a philosophical and historical perspective. Students will gain an understanding of the different types of sacred music used in a liturgical as well as secular setting.

MUS 2131 Small Vocal Ensemble (Scheduled by specific title)
1 hour--The study of choral music with emphasis on historical, theoretical and practice aspects of vocal chamber music, including staged productions.

MUS 2142 Hymnology and Liturgy
2 hours--The study of traditional sacred music. Course content includes the historical study of traditional hymns and choral music appropriate for the sacred music field.

MUS 2152 Guitar and Contemporary Worship
2 hours--The study of contemporary sacred music using the guitar as the main performance medium. Students will learn the basic guitar technique and harmonic vocabulary necessary for the performance of contemporary sacred music.

MUS 2211 Band
1 hour--Study of the historical, theoretical, acoustical and pedagogical aspects of band music, leading to the performance of symphonic band literature.

MUS 2201 Minor Instrument (Lower Level - Applied Music)
1 hour--Prereq.: Departmental approval. Private instruction for majors and minors, field of study identified in section number: B - Brass, C - Percussion, P - Piano, R - Stringed Instrument, V - Voice, W - Woodwind. May be repeated for credit.

MUS 2222 Major Instrument (Lower Level - Applied Music)
2 hours--Prereq.: Departmental approval. Private instruction for majors and minors, field of study identified in section number: B - Brass, C -Percussion, P - Piano, R - Stringed Instrument, V -Voice, W -Woodwind. May be repeated for credit.

MUS 2231 Jazz Ensemble
1 hour--The development of skills necessary for the teaching, performance, and directing of jazz music via the study of jazz history, comparison of jazz styles, and theoretical applications of jazz improvisation. Admission by audition.

MUS 2311 Small Instrumental Ensemble (Scheduled by specific title)
1 hour--The development of skills necessary for the teaching and directing of chamber music with emphasis on historical, theoretical, and acoustical concepts.

MUS 2422 Introduction to Music Education ■
2 hours--Introduction to the unique role of music and the arts in American education, from both a philosophical and historical perspective. The primary emphasis of the course is the development and understanding of a rationale for including music in the public school curriculum.

MUS 2433 World Music ■
3 hours--The study of significant music of non-western cultures (Africa, Asia, Middle Eastern), and of the Americas (Latin America and Native North America). Styles and traits of specific ethnic music.

MUS 2533 Music in Life ■
3 hours--Study of significant music of Western cultures from the middle ages to the present.

MUS 2881-4 Special Studies in Music (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

MUS 2911 Class Piano III

1 hour--Extra fee charged. Applied instruction in groups with emphasis on keyboard facility, sight reading, and keyboard harmony.

MUS 2921 Class Piano IV
1 hour--Prereq.: 2911 or instructor's permission. Extra fee charged. Group instruction in applied piano, special emphasis on theoretical concepts relevant to keyboard facility development, reading of historical keyboard styles and fundamentals of keyboard harmony pedagogy.

MUS 2931 Introduction to Fundamental Music ■
1 hour--Music theory and fundamental skills development, including instruction in recorder, voice, autoharp, piano, and rhythm/melodic instruments. Provides a rudimentary level of functional music.

MUS 3012 Sacred Music Organization
2 hours--Prereq.: 2122. Organization and methodology of sacred music programs including the creation of budgets, administrative issues and presentation to the public. Study of pedagogy and rehearsal techniques appropriate for different age levels found in sacred music.

MUS 3021 Sacred Music Internship
1 hour--Prereq.: 2122. A supervised professional sacred music internship in a church, supervised by faculty.

MUS 3113 Music Theory & Ear Training IV ■
3 hours--Prereq.: 1233. Chromatic harmony, modulation and theoretical applications of music through part writing, computer assignments, composition, analysis, sight singing, ear training and keyboard harmony. Two hours lecture and two hours lab weekly.

MUS 3121 Piano Literature I ■
1 hour--Prereq.: Instructor approval. An analytical and historical survey of the prominent composers, works, pianists, collations and editions of piano literature from its origin to the Romantic Era; a history of keyboard instruments to the present.

MUS 3211 Principles of Conducting ■
1 hour--Intro course in conducting; objectives include learning beat patterns, proper posture, use of baton and expressive gestures necessary for clear and precise style; develop confidence and leadership through live conducting experiences.

MUS 3221 Band Literature ■
1 hour--Prereq.: Permission of instructor. A survey of graded materials for junior high and high school band and wind ensembles, with attention to interpretation and style in the historical development of the literature, including transcriptions.

MUS 3232 Marching Band Techniques
2 hours--Fundamentals and organization of marching bands; precision drill and pageantry; charting and rehearsal procedures/problems; drill design; musical analysis and interpretive writing; horn placement; teaching techniques.

MUS 3241 Vocal Diction II
1 hour--Prereq.: 1121. A continuation of Vocal Diction I, applying the International Phonetic Alphabet and proper stage diction rules to German and French languages.

MUS 3301 Minor Instrument (Upper Level - Applied Music)
1 hour-- Prereq.: Departmental approval. Private instruction for majors and minors, field of study identified in section number: B - Brass, C -Percussion, P - Piano, R - Stringed Instrument, V - Voice, W - Woodwind. May be repeated for credit.

MUS 3311 Advanced Class Instruction in Brass Instruments ■

■ Denotes a Liberal Arts course.

1 hour--Extra fee charged. Continuation of 1511. Course may be repeated on same basis as 1511.

MUS 3321 Choral Literature ■
1 hour--Prereq.: Permission of instructor. A survey of graded choral literature of the Renaissance through Modern Periods suitable for junior high and high school groups, with attention to interpretation, style and diction in the historical development of the literature.

MUS 3332 Major Instrument (Upper Level - Applied Music)
2 hour--Prereq.: Departmental approval. Private instruction for majors and minors, field of study identified in section number: B - Brass, C - Percussion, P - Piano, R - Stringed Instrument, V - Voice, W -Woodwind. May be repeated for credit.

MUS 3411 Advanced Class Instruction in Woodwind Instruments ■
1 hour--Extra fee charged. Continuation of 1611. Course may be repeated on same basis as 1511.

MUS 3421 Solo Vocal Literature ■
1 hour--Prereq.: Permission of Instructor. A survey of graded solo literature for all voice ranges suitable for the junior high and high school levels, with attention to interpretation, style and diction.

MUS 3521 Piano Pedagogy I ■
1 hour--Prereq.: Permission of instructor. A study of the philosophical approaches for presenting materials in piano instruction. Students explore the historical developments in keyboard pedagogy, learning theory and communication in group or private piano.

MUS 3621 Vocal Pedagogy ■
1 hour--Prereq.: Permission of instructor. An introduction to the pedagogy of singing. The course includes an overview of the fundamentals of vocal acoustics, the basic anatomy and physiology of singing, the process of breathing and support, the process of phonation, and the process of vowel production and articulation.

MUS 3633 History of Music Through Bach ■
3 hours--Prereq.: Departmental approval. A study of music from the earliest time through J. S. Bach.

MUS 3643 History of Music Since Bach ■
3 hours--Prereq.: Departmental approval. A study of music from the end of the Baroque era to the present.

MUS 3721 Piano Accompanying I
1 hour--Prereq.: Permission of instructor. A lecture and discussion course analyzing the history of accompanied solo and ensemble vocal music; preparation and discussion of literature and acquisition of skills in improvisation, score reading, transposition and sight reading.

MUS 3812 Counterpoint ■
2 hours--Prereq.: 3113. Study based on the style of J. S. Bach. Practical application in the writing of original contrapuntal exercises. Correlated ear training.

MUS 3831 Instrumental Conducting
1 hour--Prereq.: 3211. Continuation of 3211, for instrumental majors.

MUS 3851 Advanced Class Instruction in Percussion Instruments ■
1 hour--Extra fee charged. Continuation of 1811. Course may be repeated on same basis as 1511.

MUS 3871 Choral Conducting
1 hour--Prereq.: 3211. Choral experience from viewpoint of singer and

conductor, using works from all periods of Western music.

MUS 3912 Methods of Teaching Music for Elementary Teachers ■
2 hours--Music education practices relating to elementary music classrooms; standard music education methods; learning theories in music education; development of lesson plans in music; opportunities to present lessons to children.

MUS 4113 Musical Form and Analysis ■
3 hours--A survey and analysis of the philosophical approaches to musical forms, genre and stylistic elements of historical eras and application of conditioned response and processes to the student's major.

MUS 4121 Piano Literature II ■
1 hour--Prereq.: Instructor approval. An analytical and historical survey of the prominent composers, works, pianists, collections and editions of piano literature from the Romantic Era to the present; a study of 20th Century techniques and innovations.

MUS 4263 Modern Harmony
3 hours--20th century compositional practices. Practical application via original exercises.

MUS 4412 Music in the Elementary School ■
2 hours--Prereq.: Departmental approval. Teaching music in the elementary grades, including learning theories as they apply to music; rationale for music in public education via musical history and philosophy; principle music methodologies, including, Kodaly and Orff.

MUS 4432 Instrumental Music in the School ■
2 hours--Prereq.: Departmental approval. Problems and methods of teaching instrumental classes and organizations at all skill levels. Emphasis on pedagogy and rehearsal techniques.

MUS 4512 Administration of Instrumental Music Programs ■
2 hours--Prereq.: Departmental approval. The study of administrative procedures of the public school instrumental director.

MUS 4521 Piano Pedagogy II ■
1 hour--Prereq.: Permission of Instructor. A continuation of concepts presented in MUS 3521; students are, in addition, provided laboratory experience in the teaching of piano to children and adults. Emphasis is given to the development of successful teaching studios.

MUS 4532 Vocal Music in the Secondary School ■
2 hours--Prereq.: Departmental approval. Teaching music in the junior and senior high schools, including basic pedagogical concepts, both anatomical and philosophical; genres of suitable literature; special productions, including budgetary considerations.

MUS 4721 Piano Accompanying II ■
1 hour--Prereq.: Permission of Instructor. A lecture and discussion course analyzing the history of accompanied instrumental literature; preparation and discussion of literature and acquisition of skills in improvisation, score reading, transposition and sight reading.

MUS 4981-4 Seminar in Music (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

MUS 4991-4 Individual Study in Music (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

MUS 5313 Music for Elementary Teachers ■
3 hours--Prereq.: 3912 or equivalent. Study and practical application of problems involved in music education, grades 1-6, with emphasis on acquiring skills necessary for successful teaching at any grade level.

MUS 5413 Choral Materials ■
3 hours--A study of materials and techniques used in the organization, training, and conducting of choral groups in the secondary school.

MUS 5513 Advanced Conducting and Score Reading
3 hours--Prereq.: 3211 and 3831 or 3871. Analysis of materials, problems of organization, and study of literature of conducting, both instrumental and vocal; practice in score reading and conducting.

MUS 5981-4 Seminar in Music (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

MUS 5991-4 Individual Study in Music (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours music. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Native American Studies

NAS 1113 Introduction to Native American Studies ■
3 hours--This course introduces students to the field of Native American Studies, to historical and contemporary Indian issues, to potential career opportunities with Indian nations, and helps prepare students for course work in the Native American Studies major and minor. Course includes guest presenters, films, lectures, and discussions.

NAS 2113 Chickasaw Humanities: Comparing Cultures ■
3 hours--A study of the thought and culture of the Chickasaw Nation (and other relevant southeastern nations) using oral tradition, written studies, works of art, and musical and dramatic performances. These approaches will be compared to "western humanities".

NAS 2123 Chickasaw Humanities: Chickasaw Culture ■
3 hours--A study of the thought and culture of the Chickasaw Nation (and other relevant southeastern nations) using oral tradition, written studies, works of art, and musical and dramatic performances. These approaches will be compared to other Native American tribes.

NAS 2881-4 Special Studies in Native American Studies (Subject named in title listing) ■
1 to 4 hours--Directed group study on special subject, problem, or topic in Native American Studies.

NAS 3003 Tribal Sovereignty and Federal Indian Policy ■
3 hours--This course is formulated and structured as a general introduction for students to Tribal Sovereignty and federal Indian Policy using a combination of online lectures, presentation slides, and readings.

NAS 3013 Intro to Native American Language ■
3 hours--General linguistic survey of the indigenous languages of North America through the use of readings, inclass discussions, videos, audio, and completion of a written language sketch.

NAS 4113 Research in Native American Studies ■
3 hours--Prereq.: 12 hours completed in the NAS program. Capstone seminar in Native American Studies. Students develop a research project on an issue in Native American Studies and develop a written and oral presentation of their work.

NAS 4223 Internship in Native American Studies ■
3 hours--Prereq.: 12 hours completed in the NAS program. Internship with an approved Native American program.
NAS 4981-4 Seminar in Native American Studies (Subject named in title listing) ■
3 hours--Directed group study on a special subject or problem.

Courses in Nursing

NRSG 1142 Introduction to Professional Nursing
2 hours--Orientation to nursing with a focus on today's healthcare, professionalism, communication and collaboration. (May be taken prior to or upon acceptance to the Nursing program.)

NRSG 2104 Foundations in Nursing
4 hours-- Introduces fundamental concepts, skills, and techniques of nursing practice, including an emphasis on basic
cognitive, affective, and psycho-motor skills, patient-centered care, and evidence-based practice. Emphasis on the
performance and communication of concepts, skills, and techniques will be covered in laboratory hours. (Full acceptance into the Nursing Program required.)

NRSG 2224 Physical Assessment
4 hours-- Develop and practice communication skills and techniques of assessment for clients across the lifespan. Emphasis on the performance and communication of assessments will be covered in laboratory hours. (Full acceptance into the Nursing Program required.)

NRSG 2881-4 Special Studies in Nursing (Subject named in title listing) 1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem. Classroom and clinical TBA.

NRSG 3118 Med-Surg Nursing I
8 hours--Lecture will cover topics related to nursing care for clients across the lifespan. Focus will be on safe, high-quality, client-centered care, incorporating effective use of informatics
systems, developing critical thinking skills, professional nursing practice, and the foundational concepts of health promotion and disease prevention across the continuum. Laboratory /clinical time required as well as travel. (Full acceptance to the Nursing Program required.)

NRSG 3193 Pharmacology I
3 hours--Introduction to the terms, concepts, and physiological principles underlying the use of pharmacological agents to promote safety and high-quality care. Students will learn classes of commonly used pharmacological agents including modes of action, usual dosages, contraindications, adverse effects and nursing management of clients receiving medications. (Full acceptance to the Nursing Program required.)

NRSG 3218 Med-Surg Nursing II
8 hours--This is a continuation of NRSG 3118. Lecture will include topics related to nursing care for clients across the lifespan. With increased complexity, continued focus will be on safe, highquality, client-centered care, effective use of informatics systems, increasing the developmentof critical thinking skills, along with prioritization and delegation, professional nursing pracatice, and the conceps of health promotion and disease prevention across the continuum. Labrator/clinical time required. Travel required. (Full acceptance to the Nursing Program required.)

NRSG 3223 Health Assessment
3 hours--Skills and techniques of interviewing and obtaining health history and medication knowledge for varying populations will be assessed. Physical assessment techniques, clinical reasoning, and documenting with informatics will be emphasized. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APAformat portfolio papers, and computer simulated labs. (This course should be taken the 1st term of the Nursing Program.)

NRSG 3333 Contemporary Professional Nursing
3 hours-- Course focuses on the application of nursing theory to the development of nursing diagnosis and utilization of the nursing process. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 3393 Pharmacology II
2 hours– Continuation of NRSG 3193. Students will apply terms, concepts, and physiological principles underlying the use of pharmacological agents, promoting safety and high-quality care. The evaluation of commonly used pharmacological agents including modes of action,usual dosages, contraindications, adverse effects, and nursing management of clientsreceiving medication will be continued. (Full acceptance into the Nursing Programrequired.)

NRSG 3883 Nursing Research
3 hours--Introducion to the research process and evidence-based pract (EBP). Emphasis is placed on ciritcal thinking, identifying and using nursing research in practice (EBP), effective use of informaics, as well as communicating and collaborating regarding best practice. (Full acceptance to the Nursing Program required)

NRSG 3893 Nursing Research and Evidence Based Practice
3 hours-- This course will focus on the research process as well as evidence-based practice (EBP). Emphasis is on identifying, reviewing, and implementing research in nursing practice (EBP), the use of informatics, and communication and collaboration in nursing research. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer simulated labs. (Full acceptance to the Nursing Program.)

NRSG 4164 Nursing-Childbearing Family
4 hours-- A comprehensive approach to family nursing with an emphasis on clientcentered care, evidence-based practice, prioritization, communication and collaboration. Clinical will focus on cultivating critical thinking skills and applying professional nursing practice. (Full acceptance into the Nursing Program required.)

NRSG 4214 Psychiatric-Mental Health Nursing
4 hours-- Focuses on behavioral and psycho-dynamic concepts and theories, together with their applications, and the therapeutic use of self to modify emotional and/or psychiatric disequilibrium and promote mental health in individuals, families and communities. Cultivates critical thinking and professional practice. Laboratory/clinical hours and travel required. (Full acceptance to the Nursing Program required.)

NRSG 4283 Community Health Nursing
3 hours--Focus on principles and practices of community health nursing as applied to health promotion and the disease prevention needs of individuals, families, and communities in various settings and across the continuum of health care environments from local to global perspectives. Lecture and laboratory/clinical time required. Travel also required. (Full acceptance to the Nursing Program required.)

NRSG 4375 Med-Surg Nursing III
5 hours-- This is a continuation of NRSG 3118 & NRSG 3218. Lecture will cover topics related to nursing care for clients across the lifespan in acute and chronic health situations. With increased complexity,

■ Denotes a Liberal Arts course.

continued focus will t be on safe, highquality, client-centered care, effective use of informatics systems, continued development of critical thinking skills ,and increased focus on prioritization and delegation, professional nursing practice, and the concepts of health promotion and disease prevention across the continuum. Laboratory / clinical time required. Travel also required. (Full acceptance to the Nursing Program required.)

NRSG 4382 Concepts in Leadership and Management
2 hours-- Focus on principles related to professional nursing concepts and practice through various methods, leadership applications, prioritization, delegation principles, and effectively using communication when working on interdisciplinary teams. Critical thinking and evidencebased practice is emphasized to promote a culture of safety and continuous quality improvement. (Full acceptance to the Nursing Program required.)

NRSG 4513 Prioritization & Critical Thinking
3 hours--Focus on synthesizing knowledge into critical thinking, prioritization, and application of the standards of nursing practice to care of clients across the healthcare continuum. Students will use informatics and evidence-based practice to analyze client data and improve healthrelated outcomes in diverse populations. (Full acceptance to the Nursing Program required.)

NRSG 4617 Advanced Nursing Concepts I
7 hours--Prereq.: Grade of "C" or better in 3223 and 3893; must be a registered nurse. This course focuses on processes and problems of aging applied to older adults in acute care and community settings. A major focus is applying QSEN concepts to acute or chronic client health situations, identifying at risk older adults, and developing, evaluating and modifying interventions. Community health nursing concepts from diverse rural to global perspectives are applied. Classroom, online and clinical hours. Travel required.

NRSG 4629 Advanced Nursing Concepts II
9 hours--Prereq.: Grade of "C" or better in NRSG 3223, 3893, and 4617; must be a registered nurse. Emphasis is on applying current leadership and management concepts to diverse health care and nursing practice settings. Communication and collaboration, critical thinking, evidence based practice and informatics are applied to complex clinical situations. Clients with complex multisystem problems are analyzed. Classroom, online and clinical hours. Travel required.

NRSG 4633 Advanced Nursing Concepts: Aging
3 hours-- Focuses on the processes and problems of aging applied to older adults in acute care and community settings. Use of QSEN concepts applied to acute or chronic client health situations, identifying at risk older adults, and developing, evaluating, and modifying interventions. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4644 Community & Public Health Nursing
4 hours-- Includes applying community and public health nursing concepts from vulnerable populations, diverse rural populations, and global perspectives. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4654 Advanced Nursing Concepts: Critical Care
4 hours-- Focuses on synthesis and application of standards of nursing practice to care of clients with multiple complex adaptational alterations. Informatics, and evidence-based practice will be used to analyze client data to promote improved health related outcomes in diverse populations. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4665 Leadership & Management in Nursing
5 hours-- Emphasis is on applying current leadership and management concepts to diverse health care and nursing practice settings. Teamwork, communication, collaboration, clinical reasoning, critical thinking, evidence-based practice, and informatics are applied to both routine and complex situations to promote a culture of safety and continuous quality improvement. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4673 Healthcare Communications
3 hours-- Departmental approval; Designed to cover the broad topics regarding healthcare and communication, and how various communication contexts and processes impact healthcare, as well as learning to use integration methods. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4683 Current Topics in Nursing
3 hours-Departmental Approval; Designed to identify and examine current issues affecting the nursing profession. Topics will vary dependent upon current issues. Asynchronous online delivery of course work may include but is not limited to: assignments, discussions, APA format portfolio papers, and computer-simulated labs. (Full acceptance to the Nursing Program required.)

NRSG 4954 Transition to Professional Practice
4 hours--Capstone course that facilitates exploration of ethical, legal, and social aspects of nursing practice. Focus is on the student progression to the professional nurse role. Clinical Preceptorship and travel required. (Full acceptance into the Nursing Program required.)

NRSG 4981-5 Seminar in Nursing (Subject named in title listing)
1 to 5 hours--Prereq.: Departmental approval. Directed group study of special topics or problems pertinent to nursing. Classroom and clinical hours TBA.

NRSG 4991-4 Individual Study in Nursing (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study of a special nursing subject or problem. Open only to selected undergraduates. Classroom and clinical hours TBA.

NRSG 5981-4 Seminar in Nursing (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and departmental approval. Directed intensive study on selected problem or special topic.

Courses in Philosophy

PHIL 2003 Being, Knowing, Doing: Introduction to Philosophy ■
3 hours- This survey of philosophy acquaints students with figures and works in the discipline ranging from the ancient period to the present. It relates figures and works by demonstrating the way in which theories regarding the ultimate nature of reality (metaphysics) influence theories of knowledge (epistemology) and theories of personal and social conduct (ethics).

PHIL 2013 Faith, Freedom, & Fate: Introduction to Philosophy of Religion ■
3 hours- This class provides students with an introduction to philosophy and to the philosophy of religion. The philosophy of religion considers the nature of religious experience and classic and contemporary arguments for traditional articles of faith. The course examines religious phenomenon, such as prayer, as well as classical works where philosophy has been employed to achieve religious ends.

PHIL 2023 Self, Society, & Justice: Introduction to Social Philosophy and Ethics ■
3 hours- This class provides students with an introduction to significant areas in philosophy including identity theory, social and political theory, and moral philosophy. Drawing from classical to contemporary sources, it engages deeply philosophical questions, including: Who Am I? Who are We? And How Should We Live Together?

PHIL 2033 Truth, Goodness, Beauty: Introduction to the Philosophy of Art ■
This course is an introduction to the philosophy of art or aesthetics. Aesthetics refers to the philosophic discipline that studies things associated with taste, most notably art. Readings include works from prominent figures in aesthetics ranging from classic figures such as Plato to contemporary figures such as Martha Nussbaum.

PHIL 4981-4: Seminar in Philosophy (Subject named in title listing)
1 to 4 hours--Prereq.: Junior standing or departmental approval. Directed group
study on special subject or problem.

PHIL 4991-4: Individual Study in Philosophy (subject named in title listing)
1 to 4 hours-- Prereq.: Junior standing or departmental approval. Directed study on special subject or problem. Open only to selected undergraduates.

Courses in Physics

B/C/P 4113 Methods of Teaching Biological and Physical Sciences
3 hours–Prereq.: EDUC 4042 or 4632. Philosophy, methodology and resources for teaching high school (7th - 12th grade) biology, chemistry, and physics.

PHSCI 0123 Concepts in Science
3 hours--A lecture/lab course designed to help the student develop an understanding of the processes and methods of scientific investigation, to gain an understanding of chemical and physical relationships and to develop an understanding and appreciation of how science is related to everyday occurrences in the life of the student. Emphasis will be on the conceptual development of basic ideas fundamental to physics and chemistry. This course is designed to be a remedial course to be taken by students needing to complete their college entrance requirements and does not satisfy the general education science requirement. Grading is "P" or "F".

PHSCI 1114 General Physical Science ■
4 hours--Student participation oriented lecture-laboratory course designed to assist the student in interpreting the physical environment. A study of important topics in physics, chemistry and astronomy. This course does not apply on major or minor in physics or chemistry, and is not designed to be taken by students who will complete courses in these fields.

PHSCI 4013 Methods of Teaching the Physical Sciences
3 hours--Prereq.: Departmental approval. Philosophy, methodology and resources for teaching high school chemistry and physics.

■ Denotes a Liberal Arts course.

PHYS 1114 General Physics I ■
4 hours--Prereq.: MATH 1513 or department approval. Beginning course in mechanics and thermodynamics. 3 hours lecture, 2 hours lab. (NOTE: Degree credit not allowed in both PHYS 1114 and PHYS 2115.)

PHYS 1214 General Physics II ■
4 hours--Prereq.: 1114. Beginning course in electricity, magnetism, waves and sound, and optics. 3 hours lecture, 2 hours lab. (NOTE: Degree credit not allowed in both PHYS 1214 and PHYS 2225.)

PHYS 1314 Astronomy ■
4 hours--A non-mathematical treatment of introductory astronomy. Topics of interest include a study of the constellations, theories of planetary motion, theories of evolution of the universe, and such extragalactic objects as nebulae, star clusters, variable stars, binary stars and quasistellar objects. Laboratory work included.

PHYS 2115 Engineering Physics I
5 hours--Prereq.: MATH 2825. Vectors, kinematics and dynamics of particles, work and energy systems of particles, rotational kinematics and dynamics, gravitation, fluid mechanics and heat. 4 hours lecture, 2 hours lab. (NOTE: Degree credit not allowed on both PHYS 1114 and PHYS 2115.)

PHYS 2225 Engineering Physics II
5 hours--Prereq.: MATH 3025. Thermodynamics, vibrations, waves and sound, electricity, magnetism, optics, and radioactivity, 4 hours lecture, 2 hours lab. (NOTE: Degree credit not allowed in both PHYS 1214 and PHYS 2225.)

PHYS 2812 Calculus Applications in Physics ■
2 hours–Prereq.: 1114 and MATH 2825. Coreq.: 1214 and MATH 3025. Applications of differential and integral calculus to selected topics in mechanics, thermodynamics, waves, electricity, and magnetism.
PHYS 2881-4 Special Studies in Physics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

PHYS 3013 Modern Physics ■
3 hours--Prereq.: 2225. The quantum theory, Bohr's theory of the hydrogen atom, Einstein's theory of relativity.

PHYS 3113 Mechanics I ■
3 hours--Prereq.: 2115 and MATH 3025. Linear motion, momentum, potential theory, conservative forces.

PHYS 3123 Mechanics II ■
3 hours--Prereq.: 3113. Langrangian and Hamiltonian mechanics.

PHYS 3213 Basic Electronics ■
3 hours--Prereq.: 1214 or 2225. An introductory course in electronics which covers such topics as digital electronics, circuit theory, solid state theory, commonly used integrated circuits, analog to digital conversion, microprocessor basics, and power supplies.

PHYS 3222 Medical Physics ■
2 hours--Prereq.: 1214 or 2225. Intended for those interested in medical physics, radiology, pre-medicine, and biology. Introduction to x-rays, magnetic resonance imaging, computed tomography, ultrasound, nuclear medicine, gamma knife, radiation therapy, radioisotopes, and brachytherapy. Various careers in medical physics and medicine will also be examined as well as the preparation required in these fields.

PHYS 3231- Basic Electronics Labratory ■
1 hour-- Prereq: PHYS 3213, PHYS 1214, or PHYS 2225. Basic experiments in analog and digital electronics to accompany PHYS 3213 BasicElectronics.

PHYS 3412 Junior Physics Laboratory ■
2 credit hours, 4 lab hours--Prereq.: 1214 or 2225 and MATH 2825. Advanced experiments in classical and modern physics.

PHYS 3511 Junior Physics Laboratory ■
1 hour--Prereq.: 1214 or 2225 and MATH 2825. Principally electricity and light; varied as necessary. Open to undergraduates only.

PHYS 3611 Ultrasound Physics Laboratory ■
1 hour–Prereq.: 1214 or 2225. Laboratory course in ultrasound physics which covers general design and function of transducers, echo signal description, measuring depth in time, depth, build, and motion modes; Fourier transform calculations of frequency, effects of sound in various media, calculation of various properties of matter using sound waves, use of phantoms in imaging, propagation of sound in matter, use of continuous and pulsed wave transducers, and delivery of energy via sound waves.

PHYS 3713 Thermodynamics ■
3 hours--Prereq.: 2225 and MATH 3025. Properties of substances and principles governing changes in form of energy. First and second laws.

PHYS 3813 Optics ■
3 hours--Prereq.: 1214 or 2225 and MATH 3025. Geometrical and physical optics.

PHYS 4113 Electricity and Magnetism-Field Theory ■
3 hours--Prereq.: 2225 and MATH 3025. Electric and magnetic fields. Gauss's theorem, potential theory, Maxwell's equations.

PHYS 4222 X-ray and Nuclear Physics Laboratory
2 hours--Prereq.: 3013, Coreq: 4313. Course involves laboratory experience in the study of gamma spectroscopy using a NaI detector, x-ray diffraction studies, and other nuclear physics topics.

PHYS 4313 Introduction to Nuclear Physics ■
3 hours--Prereq.: 3013 and MATH 2825. Prereq. or Coreq.: MATH 3025. Nuclear disintegrations, nuclear structure, neutron physics.

PHYS 4413 Advanced Electronics ■
3 hours--Prereq.: 4113. A continuation of the topics introduced in PHYS 3213 Basic Electronics.

PHYS 4513 Quantum Mechanics ■
3 hours--Prereq.: 3013 and MATH 3025. The Schrodinger equation, its statistical interpretation; physical meaning of quantum mechanics.

PHYS 4713 Mathematical Physics ■
3 hours--Prereq.: 3113. Functions of a real variable, Elliptic functions, Bessel functions, theory of integration, Fourier series and the LaPlace Transform.

PHYS 4981-4 Seminar in Physics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

PHYS 4991-4 Individual Study in Physics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

PHYS 5214 Theoretical Mechanics
4 hours--Prereq.: 3123. The Hamiltonian equations, Lagrange's formulation, canonical transformations and relativity mechanics.

PHYS 5981-4 Seminar in Physics (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

PHYS 5991-4 Individual Study in Physics (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours physics. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Political Science

LSPS 2153 Introduction to Law ■
3 hours--Prereq.: PS 1113 or departmental approval. An examination of the nature of law, the structure and functions of the American courts and judiciary, selection of judges, and political influences on judicial decisions.

LSPS 3113 Constitutional Law: Issues of National Power ■
3 hours--A study of the powers of the Federal courts, the Congress, the President, and the distribution of authority between the national and state governments; contracts, the commerce and tax powers, as these relate to government regulation of the national economy, and the 14th Amendment.

LSPS 3133 Civil Rights and Liberties ■
3 hours--This course examines major Supreme Court decisions including how the Due Process Clause has been applied in the in the criminal justice system as well as how the Equal Protection Clause of the 14th Amendment has been used to protect people on the basis of race, sex, sexual orientation, and gender identity. Privacy law, gun rights, and voting rights are also examined.

LSPS 3143 First Amendment Law ■
3 hours--Studies the Supreme Court's interpretation of the First Amendment, with an emphasis on its religion and speech clauses. The political, historical, and theoretical background of the cases is also considered.

LSPS 4883 Jurisprudence ■
3 hours--Prereq.: 2153. Jurisprudence is the philosophy of law. This course examines the leading schools of thought that influence legal thinking and decision making, including natural law, positivism, legal realism, and others.

LSPS 4981-4 Seminar in Law (Subject named in title listing) ■
1 to 4 hours--Directed group study on a special subject or problem.

PS 1113 United States Government ■
3 hours--Origin, organization, form, functions and functioning of the United States Government, including political parties.

PS 2113 Introduction to Political Science ■
3 hours--The origin, nature, and function of government, principles and methods of political organization and development.

PS 2213 U.S. Governmental Issues and Their Politics ■
3 hours--A study of the domestic policies of the national government, with particular emphasis given to issues and policies of the period since the New Deal of the 1930's.

PS 2881-4 Special Studies in Government (Subject named in title listing) ■

■ Denotes a Liberal Arts course.

1 to 4 hours--Directed group study on special subject or problem.

PS 3163 Political Science Research Methods ■
3 hours--The focus of this course is the scope and methods of political science research. It concerns the "science" part of political science, specifically, how to apply the scientific method to political research by developing theoretical explanations of political phenomena and empirically testing these theoretical explanations. The goal of the course is to enable students to complete significant political science research projects.

PS 3173 Campaigns and Elections ■
3 hours--This course will examine the behavior of candidates and voters in American local, state, and federal elections. A focus will be placed on how to run a political campaign, including campaign structure, field operations, precinct organization, scheduling, voter targeting, and budgets. The role of the press, money in politics, and the increasing influence of political consultants will also be covered.

PS 3183 Women in Politics ■
3 hours--This course focuses on the role of women in United States politics and in the global context. Topics include the expansion of women's rights and roles, feminist theory, and barriers to equality.

PS 3193 Tribal Politics ■
3 hours--This course will survey tribal government and politics in the United States with a special emphasis on the intergovernmental relationships among tribal, local, state, and federal governments.

PS 3523 Political Philosophy ■
3 hours--Selected political philosophers from Socrates to Hegel. This course will survey major political philosophers through the Middle Ages.

PS 3613 U.S. Political Thought ■
3 hours--A survey of the major developments in U.S. political thought from the colonial period to the present, with some comparison with major continental political ideas.

PS 3633 The U.S. Presidency ■
3 hours--The politics of presidential selection, the authority of the office, the processes for formulating and executing public policy, and the influence of personality on performance.

PS 3723 Oklahoma Politics ■
3 hours--This course will survey Oklahoma political institutions and political history. Topics include the three branches of Oklahoma state government, elections, and political culture.

PS 3823 Introduction to Public Management ■
3 hours--An introduction to theory and practice in the management of public affairs. Particular emphasis is placed upon several themes and conceptual problems consistently appearing in the professional literature of public administration (e.g., ecology of administration, bureaucratic efficiency, administrative responsiveness and responsibility). Selected case studies and works of fiction may be utilized where appropriate.

PS 3913 International Relations ■
3 hours--An in-depth analysis of the actors and their relationships within the global community; the importance and limitations of power in the contemporary world.

PS 4113 Political Parties ■
3 hours--A survey of the origin and development of political parties in the United States; study of contemporary party organizations and issues.

PS 4163 Post-Soviet Bloc Politics ■

■ Denotes a Liberal Arts course.

3 hours--A study of the government and politics of states in post-Soviet Central and Eastern Europe. Primary consideration will be given to post-Soviet Russia.

PS 4353 Study of War ■
3 hours--An investigation into the nature and causes of war within the global arena. Various types of wars will be identified and analyzed.

PS 4433 Public Policy Making ■
3 hours--An examination of various models of public policy making, leading to the analysis of various problems confronting government. The course is concerned with interest groups which influence policy making, the processes (governmental, institutional, and environmental) through which policies flow, the final conclusions of policy making, and the impact on Society.

PS 4513 Modern Political Thought ■
3 hours--This course will start with John Locke and pursue political philosophy down to the present, including the recent ideas and historical factors resulting in liberalism, socialism, communism, and fascism.

PS 4823 U.S. Foreign Policy ■
3 hours--A study of the U.S. foreign policy establishment. An investigation of the various factors that influence the making and the implementation of U.S. foreign policy. Attention will be focused on the purpose and objectives of U.S. foreign policy, especially since 1945.

PS 4883 Political Science Capstone ■
3 hours--Prereq.: 1113, 2113, and 3163. This capstone seminar course serves as the final course for the political science major. Students will concentrate on practical skills such as project managements, report writing, survey construction and data analysis, oral communication, and grant writing.

PS 4941-6 Internship (Field named in title listing)
1 to 6 hours--An in-depth study of the structure of a political institution, an area of public policy, political behavior, or intergovernmental relationships by assignment to work or study within a governmental or political entity.

PS 4981-4 Seminar in Political Science (Subject named in title listing) ■
1 to 4 hours--Directed group study on special subject or problem.

PS 4991-4 Individual Study in Political Science (Subject named in title listing) ■
1 to 4 hours--Directed individual study on special subject or problem. Open only to selected undergraduates.

PS 5312 Current Topics in Political Science (Subject named in title listing) ■
2 hours--The study of a selected topic of general interest in government, domestic or foreign. This course is designed primarily as general education for graduate students.

PS 5981-4 Seminar in Political Science (Subject named in title listing) ■
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

PS 5991-4 Individual Study in Political Science (Subject named in title listing) ■
1 to 4 hours--Prereq.: Graduate standing and sixteen hours history and other social studies, including eight hours political science. Directed intensive study on definite problem or special subject, based on approved

outline or plan; conferences, oral and written reports.

PSCOM 3863 Mass Media and U.S. Politics ■
3 hours--An examination and assessment of the power and influence of the mass media in U.S. politics; emphasis will be centered on the medium of television.

Courses in Psychology

EDPSY 3513 Educational Psychology
3 hours--Prereq.: Admission to Teacher Education; Coreq.: EDUC 3001 and EDUC 4632. Application of psychological theories to classroom teaching. Primary course topics include educational research and the scientific approach to teaching; education measurement and evaluation; and theories of development, learning and motivation as they apply to classroom instruction, management and discipline.

EDPSY 5143 Introduction to School Psychological Services
3 hours--Prereq.: Departmental approval. Explores the role and function of School Psychometrists and School Psychologists, including responsibilities, credentialing, professional ethics, legal implications, referral sources, assessment and placement, consultation, intervention strategies, professional affiliations, and the role of School Psychometrists and School Psychologists in the administration of public education. Special emphasis given to the role of School Psychometrists and School Psychologists with respect to special needs children. This course is not an approved elective for Counseling Psychology (0860) students.

EDPSY 5163 Cognitive Behavioral Theories and Methods of Counseling and Psychotherapy
3 hours--Exploration and examination of theories and techniques utilized when functioning as a counselor or therapist within a cognitive and/or behavioral conceptual framework. Personality and behavior change is considered within the framework of a cognitive and/or behavioral perspective. Included are theories and techniques such as Rational-Emotive Therapy, Beck's Cognitive Therapy, Cognitive-Behavior Modification, Social Learning Theory and Milieu Therapy, and various approaches based upon operant and classical conditioning including systematic desensitization.

EDPSY 5353 Standardized Group Tests
3 hours--Theoretical rationale underlying the use of educational and psychological tests for the description, evaluation, prediction, and guidance of behavior: emphasizing those tests used in schools for the evaluation of academic areas, as well as those used in such settings as guidance centers and employment agencies.

EDPSY 5363 Career Development
3 hours--A variety of training experiences designed to prepare guidance personnel with competencies to provide their counselees with career development skills.

EDPSY 5373 Personality Assessment for Children
3 hours--Prereq.: EDPSY 5353 or PSYCH 4213. The study of methods and techniques for assessing children's behavior and their social and emotional development. The course will include formal and informal methods of assessing both internalizing and externalizing problems. Objective and projective methods will be studied. Students will be prepared to work in both educational and clinical settings.

EDPSY 5403 Non-Traditional Assessment
3 hours--Prereq.: 5143 and 5353. A study of alternative methods of child assessment including functional behavior assessment, standardized curriculum-based measurements, such as the Dynamic Indicators of Basic Early Literacy Skills (DIBELS), and response to intervention models of assessment. The primary focus of this course is learning assessment techniques that directly inform intervention. The course will include discussions about using such techniques to meet Federal requirements for Special Education eligibility.

EDPSY 5433 Affective Theories and Techniques of Counseling and Psychotherapy
3 hours--Prereq.: 5163. Exploration and examination of theories and techniques utilized when functioning as a counselor or therapist within an affective conceptual framework. Personality and behavior change is considered within the framework at an affective perspective. Included are theories and techniques such as client-centered therapy, Gestalt therapy, Existential therapy, Psycho-analytic therapy, and Reality therapy.

EDPSY 5493 Practicum in School Psychology
3 hours--Prereq.: 5163, 5693, PSYCH 5313 and 5473. The student will spend a minimum of 150 clock hours in an appropriate setting under the supervision of a Credentialed School Psychologist or a Licensed Psychologist.

EDPSY 5553 Practicum in Counseling ■
3 hours--Prereq.: 5433, EDUC 5413, PSYCH 5183, 5373, and 5403. The student will spend a minimum of 150 clock hours in supervised practical experience in professionally appropriate counseling and psychological activities at a facility engaged in furnishing psychological, medical, rehabilitative, counseling, or other socially relevant human services to a client population. Students will develop and refine competencies in the application of psychological principles and skills in order to function effectively as providers of counseling and psychological services. May be repeated for a maximum of 6 hours with department approval.

EDPSY 5593 Internship in School Psychology I
3 hours--Prereq.: 5493. The intern will spend a minimum of 600 clock hours under the supervision of a Credentialed School Psychologist or a Licensed Psychologist. The internship is a 2 semester experience which earns 3 credit hours a semester. Student will enroll in EDPSY 5613 Internship II after EDPSY 5593 Internship I has been completed for the remainder of the internship experience.

EDPSY 5613 Internship in School Psychology II
3 hours--Prereq.: 5593. The intern will spend a minimum of 600 clock hours under the supervision of a Credentialed School Psychologist or a Licensed Psychologist. This course is the second part of a two-semester experience. The student will have completed EDPSY 5593 Internship I before enrolling in EDPSY 5613 Internship II.

EDPSY 5693 Practicum in School Psychometry
3 hours--Prereq.: 5143, 5353, 5403, PSYCH 5403 and 5433. The student will spend a minimum of 150 clock hours in an appropriate setting under the supervision of a Credentialed School Psychometrist or a Licensed Psychologist.

EDPSY 5961-2 (Subject named in title listing)
1 to 2 hours--Prereq.: Departmental approval. Directed group study on a special topic, normally of short duration. Grading is usually "P" or "F".

HRPSY 3253 Psychology of Aging ■
3 hours--Prereq.: PSYCH 1113. A survey introduction to the psychological aspects of later life with particular emphasis on the behavioral changes associated with the emotional, motivational, personality, social and environmental conditions of the elderly.

PSYCH 1113 General Psychology ■
3 hours--A survey of the major areas in psychology including motivation,

perception, learning, memory and cognition, physiology, personality, social psychology, and abnormal behavior and treatment.

PSYCH 2313 History and Systems of Psychology ■
3 hours--Prereq.: 1113. A survey and integration of periods and principal fields of psychological thought, with emphasis upon the evolution of scientific method and its application to behavior.

PSYCH 2403 Sociocultural Psychology ■
3 hours--Prereq.: 1113. The sociocultural perspective is a theory used in fields such as psychology and is used to describe awareness of circumstances surrounding individuals and how their behaviors are affected specifically by their surrounding social, and cultural factors.

PSYCH 2881-4 Special Studies in Psychology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

PSYCH 3013 Industrial/Organizational Psychology ■
3 hours--Prereq.: 1113. The study of concepts, models, and issues of organizational behavior in a manner that will help the student to develop the conceptional interpersonal and communicative skills that are needed for effective management in an organization.

PSYCH 3023 Introduction to Health Psychology ■
3 hours--Prereq.: 1113. Study of how biological, psychological, and social factors interact with and affect the promotion of good health and the prevention of illness. Emphasis is placed on how effectively people cope with and reduce stress and pain. This includes the recovery, rehabilitation, and psychosocial adjustment of patients with serious health problems.

PSYCH 3053 Introduction to Clinical and Counseling Psychology n
3 hours--Prereq.: 1113. Survey of theories, models, and techniques in clinical and counseling psychology. Students will be exposed to the science and practice of clinical and counseling psychology with an emphasis on professional ethics for psychologists. The course is intended to provide information for those considering a career in clinical or counseling psychology.

PSYCH 3063 Physiological Psychology ■
3 hours--Prereq.: 1113. Introductory survey of the physiological correlates of behavior. Among the topics discussed will be how physiology and biochemistry might interact with the environment to produce changes in learning, motivation, emotions, perceptions, and other behaviors.

PSYCH 3093 Computer Software: Applications in Psychology ■
3 hours--Prereq.: 3833 or departmental approval. The course is an introduction to the application of microcomputer software pertinent to the field of psychological research. Emphasis is placed on the operation and utilization of software for statistical analysis and graphic presentation of data.

PSYCH 3114 Experimental Psychology ■
4 hours--Prereq.: 1113, 3833 and 3933. An applied study of the procedures and methods of experimental research in psychology. The purpose of this course is for students to participate in the planning, designing and completion of an experimental research project.

PSYCH 3463 Child and Adolescent Psychology ■
3 hours--Prereq.: 1113. The study of human development of the individual from birth through adolescence with emphasis on applied issues in parenting, education, nursing and other professional human service fields.

■ Denotes a Liberal Arts course.

PSYCH 3613 Psychology of Learning and Cognition ■
3 hours--Prereq.: Five hours psychology. A comprehensive study of the psychological theories of learning and cognition including current issues in human and animal behavior.

PSYCH 3833 Behavioral Science Statistics ■
3 hours--Prereq.: MATH 1223 or MATH 1513 or departmental approval. This course provides an introduction to descriptive, inferential, parametric, and nonparametric statistical techniques used in behavioral research. These techniques will include measures of central tendency, variability, correlation, regression analysis, t-tests, chi square and ANOVA. The purpose of the course is for students to develop competencies in calculating basic statistics, using computers for statistical analyses, engaging in hypothesis testing, and interpreting the statistical results in preparation for advanced research classes.

PSYCH 3933 Writing and Design for Psychological Research ■
3 hours--Prereq.: 1113 and 3833 or department approval. This course introduces writing and design in psychological research. The purpose of the course is for students to develop competencies in experimental design, research ethics, technical report writing using APA style, and data analysis using computer statistical programs.

PSYCH 4001 Psychology Senior Seminar
1 hour--Prereq.: Psychology major, senior standing. Psychology majors will learn about the various career options that exist for them and start to create a career plan necessary for them to pursue a graduate degree or work in the field with a psychology bachelor's degree.

PSYCH 4112 Psychology of Exceptional Children ■
2 hours--Prereq.: Psychology major, senior standing. Study of children who deviate significantly from the normal with reference to intellectual, sensory, physical, and neural functioning and behavior with special emphasis on understanding and modifying the behavior of such children. This course may not be taken for psychology degree credit.

PSYCH 4133 Abnormal Psychology ■
3 hours--Prereq.: Five hours psychology. Study of behavior likely to be labeled abnormal with emphasis on factors involved in acquisition maintenance, and change of such behavior.

PSYCH 4213 Psychological Tests and Measurements ■
3 hours--Prereq.: Five hours psychology. A study of psychological testing principles and procedures, with special emphasis on intelligence tests, aptitude tests, achievement tests, interest inventories, developmental scales, and group personality tests. Experience is provided with tests commonly used for the identification, intervention, and placement of exceptional individuals.

PSYCH 4323 Behavioral Management ■
3 hours--Prereq.: 1113. Study of the basic principles of the experimental analysis of behavior. Emphasis on behavior as affected by environmental conditions.

PSYCH 4413 Psychology of Personality ■
3 hours--Prereq.: 1113. This course examines personality processes and the various theoretical approaches to the study of personality including psychodynamic, behavioral, phenomenological, trait, and social learning theories.

PSYCH 4443 Child Development ■
3 hours--Prereq.: 1113. The physical, mental, social, and emotional development of the individual from conception through the onset of adolescence with emphasis on psychological theories, developmental

methodology and research.

PSYCH 4453 Adolescent Development ■
3 hours--Prereq.: 1113. The physical, mental, social and emotional development of the individual from puberty through the onset of young adulthood with emphasis on psychological theories, developmental methodology, and research.

PSYCH 4981-4 Seminar in Psychology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

PSYCH 4991-4 Individual Study in Psychology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

PSYCH 5023 Advanced Social Psychology
3 hours--This course provides an in-depth study of the interaction of humans with their social environment focusing on both a micro and macro systems perspective with special emphasis on theories and issues in applied social psychology and research.

PSYCH 5043 Advanced Sport Psychology
3 hours--Prereq.: Acceptance in MSPS - 0862, Sport Psychology. This course involves the application and synthesis of the best evidence-based practices in sport psychology that have been shown to result in optimal performance, health, and satisfaction. This course is not an approved elective for Counseling Psychology (0860) students.

PSYCH 5063 Advanced Physiological Psychology
3 hours-- An in-depth analysis of the neural and endocrine components of normal and abnormal behavior.

PSYCH 5083 Sports Performance Enhancement Strategies
3 hours--Prereq.: Acceptance in MSPS-0862, Sport Psychology & EDPSY 5163. The course is designed to provide students with the ability to assess and prescribe anaerobic and aerobic exercise programs as well as cognitive behavioral strategies for sports performance enhancement. This course is not an approved elective for Counseling Psychology (0860) students.

PSYCH 5113 Theories of Personality and Human Behavior
3 hours--An intensive study of the principles of human behavior with emphasis on description, understanding, prediction, and control of behavior.

PSYCH 5143 Statistics and Design in Applied Psychology
3 hours--Prereq.: EDPSY 5353. Major emphasis on students learning how to write, analyze, design, and conduct research in applied psychology.

PSYCH 5153 Research in Applied Psychology
3 hours--Prereq.: 5143. Major emphasis will be on students learning how to write, analyze, design, and conduct research in applied psychology.

PSYCH 5173 Professional Orientation and Ethics in Clinical Psychology
3 hours--Professional and ethical issues in clinical psychology are considered in light of general standards, evaluation, assessment, intervention, advertising and other public statements, therapy, privacy and confidentiality, teaching, training supervision, research, publishing, forensic activities, and resolving issues that individuals encounter in providing clinical services to clients and the principles that are incorporated in properly thinking through how to conduct oneself when such situations are encountered. A portion of each class is devoted to particular ethical and/or professional concerns with case studies that illustrate fundamental dilemmas and the relevant ethical guidelines.

PSYCH 5183 Advanced Abnormal Psychology
3 hours--Prereq.: 5113 or EDPSY 5163. Intensive study of behaviors likely to come to the attention of counselors and psychotherapists with emphasis on classification, etiology and intervention.

PSYCH 5193 Health Psychology
3 hours--The course will focus on the overlap of physiological and psychological health models within a biopsychosocial approach to understand how best to promote and maintain health, prevent and treat illness, adapt and thrive in the context of chronic illness, substance abuse concerns, as well as mental and physical health issues.

PSYCH 5203 Applied Biomechanics
3 hours--Prereq.: Acceptance in MSPS-0862, Sport Psychology, PSYCH 5063, EDPSY 5163. This course focuses on physiological scientific study of human movement, analysis of fundamental movements and the mechanical principles that apply to human motion and teaching movement skills. Emphasis is on the cognitive behavioral aspects of how skilled movement is gained, regulated, and adapted. This course is not an approved elective for Counseling Psychology (0860) students.

PSYCH 5213 Life Coaching and Career Counseling
3 hours--Prereq.: 5113 or EDPSY 5163. The course provides an understanding of career development and related life factors. Students will develop life coaching and career counseling skills by examining major career theories and models as well as the ways clients' attitudes, aptitudes, social interests, and family responsibilities impact lifestyle changes and career decisions.

PSYCH 5313 Advanced Educational Psychology
3 hours--Principles of learning, development, and social factors influencing learning motivation and achievement. Theoretical perspectives and research regarding development, social-cognition, learning and motivation are examined as these influence educational decisions and classroom practices.

PSYCH 5323 Classroom Behavior Modification
3 hours--Prereq.: Departmental approval. A comprehensive introduction to applied learning theory in the classroom. Specific emphasis will be placed on the practical application of these principles in the control of appropriate and inappropriate classroom behavior.

PSYCH 5333 Behavioral Intervention with Children
3 hours--Prereq.: 5183 and EDPSY 5163. The course focuses on the utilization of empirically-based assessment and intervention with children having behavioral problems. Emphasis is placed on the functional analysis of behavior, contingency and crisis management.

PSYCH 5363 Adolescent Psychopathology and Treatment
3 hours--Prereq.: 5183 and EDPSY 5163. Study of the assessment, diagnosis, and treatment of adolescent behavioral and psychological disorders. Emphasis will be placed upon the utilization of empirically-based strategies.

PSYCH 5373 Psychological Assessment
3 hours--Prereq.: EDPSY 5353. The course provides an introduction to psychological tests that are used in clinical practice to assess social, emotional, and behavioral functioning. The course introduces measurement techniques and a variety of testing tools/instruments that are used in psychology to assist with clinical decision-making, as well as treatment progress. Students in this course will learn how to select appropriate instruments to address specific clinical questions, and receive hands-on training in a variety of assessments frequently administered in clinical settings. In addition, the course will discuss special topics, including ethical considerations in assessment.

PSYCH 5403 Intellectual Assessment
3 hours--Prereq.: EDPSY 5353. A study of the theories and principles underlying the individualized assessment of intellectual functioning. Specifically, students will learn how to administer, score, and interpret the Wechsler Scales and other intellectual assessment instruments, as well as learn observation, interview, and psychological report writing skills.

PSYCH 5423 Stanford-Binet IV: Woodcock-Johnson
3 hours--Prereq.: Six hours of psychology or departmental approval. The major emphasis is to provide training and practice in the administration, scoring, interpretation and utilization of the following assessment instruments: Stanford-Binet Intelligence Scale (4th edition) and Woodcock-Johnson Psycho-Educational Battery. Experience is provided in the synthesis and communication of psychological information.

PSYCH 5433 Diagnostic Assessment ■
3 hours--Prereq.: 5403. This course is a survey of diagnostic techniques which deal with academic skills, sensory motor skills, adaptive skills, language development, and social and emotional development. Emphasis is placed on the rationale and functions of such diagnostic instruments which would help specialists in psychometry, reading, and counseling to evaluate those aspects of behavior not currently assessed by traditional testing procedures.

PSYCH 5443 Multicultural Consultation and Intervention
3 hours--Prereq.: 5183 and EDPSY 5163. This course focuses on mental health, behavioral, and other models of consultation as applied in home, school, and community settings. Special emphasis is placed on multicultural issues and the cultural bases of behavior as an integral aspect of the consultation process. Students will learn efficient methods of data collection and how to incorporate and apply them effectively in decision-making throughout the consultation process.

PSYCH 5473 Advanced Psychology of Childhood and Adolescence
3 hours--Survey of literature from various fields to aid the student in understanding characteristics of childhood and adolescent growth and development. Emphasis is upon the development of skills in observing and interpreting the behavior of children and adolescents.

PSYCH 5553 Practicum in Psychology
3 hours--Prereq.: 5173, 5183, 5373, 5403 and EDPSY 5433. The student will spend a minimum of 150 clock hours in supervised practical experience in professionally appropriate counseling and psychological activities at a facility engaged in furnishing psychological, medical, rehabilitative, counseling, or other socially relevant human services to a client population. Students will develop and refine competencies in the application of psychological principles and skills in order to function effectively as providers of psychological services. May be repeated for a maximum of 6 hours with departmental approval.

PSYCH 5563 Internship is Sport Psychology
3 hours--Prereq.: Must be completed in the last semester of program coursework. The student will spend at least 400 clock hours in a supervised experience in sport psychology. At least 100 hours of the internship must be spent in direct contact with clients and at least 40 hours in direct supervision with a qualified mentor.

PSYCH 5691-6 Master's Thesis
1 to 6 hours--Prereq.: Departmental approval. Empirical research on a topic primarily psychological in content, including the development of a research proposal, collection of data, and preparation and submission of an acceptable thesis. May be repeated for a maximum of 6 hours with departmental approval.

■ Denotes a Liberal Arts course.

PSYCH 5981-4 Seminar in Psychology (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

PSYCH 5991-4 Individual Study in Psychology (Subject named in title listing)
1 to 4 hours--Prereq.: Graduate standing and twelve hours psychology. Directed intensive study on definite problem or special subject, based on approved outline or plan; conference, oral and written reports.

PSYKN 5523 Sports in American Society
3 hours--This course examines the influence of the social psychology on sport, the influence of society on sport culture, and how sport affects the social world we live in. Social psychology emphasis will be placed on how sport interacts with gender, race/ethnicity, culture, socioeconomic class, media relations, violence, deiance, and sexuality.

PYSOC 2213 Social Psychology ■
3 hours--Prereq.: PSYCH 1113 or SOC 1113. A study of the psychological aspect of behavior as these are modified in social interaction.

Courses in Russian

RUSS 1113 Elementary Russian I ■
3 hours--(This course is designed for students who have had no previous study of the Russian language.) Students begin to develop the skills of listening, speaking, reading, and writing Russian. Students also learn interesting information about the culture of Russia.

RUSS 1223 Elementary Russian II ■
3 hours--Prereq.: 1113. Students continue to develop the skills which they began in the previous elementary Russian course.

RUSS 2881-4 Special Studies in Russian (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

RUSS 4981-4 Seminar in Russian (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

RUSS 4991-4 Individual Study in Russian (Subject named in title listing)
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

Courses in Fine Arts

SFA 1000 Cultural Attendance
0 hour--A non-credit course in which School of Fine Arts students will select five cultural events to attend, they must select one from each of the following areas: Art, Presentations, Music, Mass Communication, Theatre or Dance. The course provides an opportunity to develop a broader cultural awareness across disciplines. Each SFA student must enroll 2 times for graduation. Music students may apply attendance at musical performances toward MUS 1000 Performing Arts Recital.

Courses in Science Education

(See Courses in Education and Library Science)

Courses in Social Studies

(See Courses in History)

Courses in Social Work

SOWK 2113 Human Diversity and Social Justice
3 hours--This course focuses on issues of human diversity and social justice. Elements of multiculturalism, discrimination and oppression will also be explored. This course is designed to assist social work students to be knowledgeable of societal and personal biases based on race, ethnicity, culture, religion, age, sex, sexual orientation, social and economic status, political ideology and/or disability. Students will learn and gain understanding about diverse populations, focusing on the discrimination, oppression, and the marginalization of these groups. Utilizing a strengths based perspective students will examine how to effectively engage, assess, and intervene with diverse populations, in an ethical, professional, and culturally competent manner.

SOWK 2273 Introduction to Social Work and Social Welfare
3 hours--Prereq.: Sophomore standing. Coreq.: 2521. Provides students with an overview of social work as a profession, its historical development, and knowledge, value and skills for practice. Informed sensitivity to all aspects of human diversity is emphasized and the advocacy role of social workers with oppressed and devalued populations. History, development, and philosophy of the social welfare institution in U.S. society and the role of the profession is explored.

SOWK 2521 Professional Skills for Social Work and Social Welfare
1 hour--Prereq. or Coreq. 2273: This course builds upon and reinforces the foundation of generalist social work knowledge, values, ethics, attitudes, and skills introduced in the SOWK 2273 Introduction to Social Work course. Students will learn about various types of social work writing including APA, Case Notes and Process Recordings, and Court and Agency Reports. Students will also study the Code of Ethics of the National Association of Social Workers and practice ethical decision-making. The course reinforces the skills necessary to implement the phases of the planned change model to social work practice. Students will be required to participate in a 15-hour field experience in a community agency.

SOWK 3013 Social Work Practice I
3 hours--Prereq.: 2273, 2521 and admission to the Social Work major. ONLY Social Work majors may be enrolled in this course. This first course in the social work practice curriculum sequence, emphasizes the preparation of students for competent strengths-oriented action with individuals, families, groups, organizations, and communities through use of professional knowledge, values and skills. A generalist practice framework, using a problem solving model approach is the context for the course. Students are introduced to relevant theoretical and conceptual frameworks for generalist practice and for work with diverse populations, including older adults.

SOWK 3113 Leadership for Helping Professionals ■
3 hours--This course will help to prepare individuals in the human services field to assume the role of leader within their organization. Content will provide students with the knowledge, values and skills needed to lead within complex human services agencies. Students will learn the characteristics that define positive executive leadership and utilize a combination of self-reflection and assessment to identify and refine these characteristics that the student possesses. Students will explore theories, models, and frameworks that influence executive leadership. Students will apply these concepts to case scenarios centered around ethical decision making in human services organizations.

SOWK 3213 Child Welfare ■
3 hours--This course provides students with a broad overview and history of the child welfare field of practice, the public child welfare system, and the role of social workers as they work with vulnerable and at-risk children and families. Focus of the course is on the dynamics of child abuse (sexual and physical) and child neglect, as well as prevention and appropriate interventions to address their elimination. Students will also gain an understanding of the laws and societal mechanisms for child protection.

SOWK 3363 Social Work with Special Populations
3 hours--This course is designed to help the student develop a perception of the knowledge and skills needed for working with special populations groups, such as elderly, poor, women, and minorities. The course will address such issues as social welfare, social services, social agency bureaucracies, sexism, ageism, and class discrimination.

SOWK 3613 Social Welfare Policy and Services
3 hours--Prereq.: 2273 and 2521. This course prepares students to understand how policy affects service delivery and how to actively engage in policy practice to advance and improve the quality of social services. Content includes the history and current structure of policies and services; the role of policy in service delivery; and the role of practice in policy development. Students analyze, propose, and formulate policies that advance social well-being. The advancement of human rights and social and economic justice provides a context for the course. (Offered Spring Only)

SOWK 3833 Research Methods in Social Work
3 hours--This course introduces students to systematic approaches to scientific thinking necessary for knowledge building and evaluating one's own practice and practice that informs research. Critical thinking and analysis skills are emphasized within the context of ethical scientific inquiry and practice. Students apply research to evaluation of practice and improvement of practice, policy, and social services delivery.

SOWK 4113 The Indian Child Welfare Act ■
3 hours--The Indian Child Welfare Act (ICWA) will be introduced to students with focus on understanding the Act, its historical context, and application in today's social welfare system. Development of knowledge and appreciation for Native American Indian culture in U.S. society and in Oklahoma will also be a course goal. This course will encourage student participation in a culturally diverse learning environment.

SOWK 4423 Human Behavior and Social Environment II
3 hours--Prereq.: HURES 2083. This is the second course in the Human Behavior and Social Environment curriculum sequence that builds on competencies from HURES 2083 and knowledge from the liberal arts. Emphasized is the range of social systems impacting on social functioning and well-being, as well as the dimensions of human diversity which may oppress, marginalize, and alienate people in their environment. Content focuses on how social workers respond to evolving organizational, community, and societal contexts at all levels of practice.

SOWK 4494 Social Work Practice II
4 hours--Prereq.: Departmental approval. ONLY Social Work majors may enroll in this course. The second course in the social work practice curriculum sequence, which prepares students for generalist practice within the context of the problem solving model approach. Emphasis is on preparing students for competent strengths-oriented practice using relevant knowledge, values, and skills to work with individuals, families, groups, organizations, and communities, which encompasses work with diverse persons, including older adults. Focus is on the interactive process of engagement, assessment, intervention, and evaluation.

SOWK 4892 Integrative Seminar in Social Work
2 hours--Prereq.: Departmental approval. Coreq.: SOWK 49412. This course, taken concurrently with the Social Work Internship, provides students the opportunity to reflect on the application of the theoretical and conceptual contribution of the classroom and field as preparation for generalist practice. The seminar is a forum for exchange of ideas and experiences relative to practice issues, professional development, the

■ Denotes a Liberal Arts course.

helping process, and social work values and ethics. The seminar is further defined by evaluation of student learning and competency building that has occurred across the social work curriculum in the classroom and field.

SOWK 4941-12 Internship in Social Work
12 hours--Prereq.: Departmental approval. The social work internship socializes students to perform in the role of practitioner. The theoretical and conceptual contribution of the classroom is connected to the practice setting, where interns demonstrate achievement of the program's generalist practice competencies and corresponding behaviors. This 448 hour internship is systematically designed and supervised through coordination of the program and practice setting.

SOWK 4981-4 Seminar in Social Work (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem area.

SOWK 4991-4 Individual Study (Subject named in title listing)
1-4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

Courses in Sociology

ANTH 2003 Introduction to Cultural Resource Management ■
3 hours--This course introduces students to the laws and practice of Cultural Resource Management with an emphasis on Native American cultural resources.

ANTH 2523 Native Peoples of North America ■
3 hours--Introduction to the Native peoples, societies, and cultures north of Mexico from pre-Columbian times to the present.

ANTH 2713 Introduction to Cultural Anthropology ■
3 hours--An examination of human cultural diversity.

ANTH 3003 Archaeological Theory and Methods ■
3 hours--This course provides students with the tools they will need to conduct archaeological research along with an understanding of the historical, theoretical, and methodological underpinnings of the discipline.

ANTH 4503 Archaeology Field School ■
3 hours--Prereq.: 2003 and 3003. Hands-on training in the methods and techniques of archaeological fieldwork at sites within the local area. The course is repeatable up to six (6) credit hours.

ANTH 4981-4 Seminar in Cultural Resource Management (Subject named in title listing) ■
3 hours--Prereq.:2003 and 3003. This course engages students in the practice of Cultural Resource Management with a community partner. Each year students work together as a team on a suitable project, creating a professional product.

CJSOC 4313 Criminology ■
3 hours--Prereq.: SOC 1113. The cause, prevention and treatment of crime.

GESOC 4413 Demography ■
3 hours--Prereq.: GEOG 1113 or SOC 1113. Study of the social processes related to differentials in fertility, mortality, and selective population movements.

GESOC 4853 Comparative Cultures ■
3 hours--Prereq.: One course each in sociology and geography. A comparison of the cultures, social organizations, behavior patterns, and geographical environments of selected societies. In this course the reciprocal relationship between man and his or her natural environment is stressed.

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PYSOC 2213 Social Psychology ■
3 hours--Prereq.: SOC 1113 or PSYCH 1113. A study of the psychological aspects of behavior as these are modified in social interaction.

SOC 1113 Introductory Sociology ■
3 hours--A general survey of the field of sociology; the origin and development of social institutions; social processes.

SOC 2113 Social Problems ■
3 hours--Some of the more important current social problems such as poverty, delinquency, criminality, and migration; also a consideration of agencies for solution.

SOC 2613 Gender and Society ■
3 hours--An analysis of the genetic and cultural determinants of gender differences and the importance of gender in different societies.

SOC 2723 Introduction to Physical Anthropology ■
3 hours--An examination of the physical development of humankind, including a survey of primates, human evolution and human physical diversity.

SOC 2813 Sociology of Religion ■
3 hours--An examination of sociological theories of religion, religious diversity in American life, and the development of religious groups.

SOC 2881-4 Special Studies in Sociology (Subject named in title listing)
1 to 4 hours--Directed group study on special subject or problem.

SOC 2913 Sociology of Sport ■
3 hours--The sociological study of sport, both in its cultural aspects and in its institutional aspects, is the subject of this course. The sociology of sport is an attempt to study the social roles and functions of sport; how sport affects society and how societies affect sport. Specifically, we study the development of modern sport, the relationship between culture and sport, the relationship between religion and sport, socialization into sport, deviance and sport, high school, college and professional sport, as well as the relationship between sport and race, gender, and social class.

SOC 3003 Native American Sociology ■
3 hours--In this class students will examine the sociology of (North American) Native American cultures. Topics and themes will explore the diversity of Native American cultures, their past, and their place in current social contexts including cities.

SOC 3113 Juvenile Delinquency ■
3 hours--Causes leading to delinquency; methods of control.

SOC 3133 Majority/Minority Relations ■
3 hours--A study of majority/minority group relationships concentrating on the dynamics and consequences of prejudice, discrimination, and related factors.

SOC 3313 Marriage and the Family ■
3 hours--A history of the family as a social and educational institution; problems confronting the modern family.

SOC 3413 Sociological Theory ■
3 hours--A study of classical and contemporary sociological theory.

SOC 3523 Social Stratification ■
3 hours--An analysis of basic social stratification systems in selected societies.

SOC 3723 Human Sexuality
3 hours--An examination of the physiology, development, social

Courses in Sociology

SOC 3833 Statistics for Social Sciences ■
3 hours--An introduction to statistical concepts and techniques which are used in sociology, psychology, education and social research.

SOC 4323 Deviance and Social Control ■
3 hours--Description, comparison, and analysis of theories and research on deviance and social control techniques

SOC 4813 Methods and Techniques of Research ■
3 hours--Basic techniques and methods of investigation and presentation of data related to social research.

SOC 4981-4 Seminar in Sociology
1 to 4 hours--Directed group study on special subject or problem.

SOC 4991-4 Individual Study in Sociology
1 to 4 hours-- Directed individual study on special subject or problem. Open only to selected undergraduates.

SOC 5981-4 Seminar in Sociology
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

SOC 5991-4 Individual Study in Sociology
1 to 4 hours--Prereq.: Graduate standing and sixteen hours social studies including eight hours sociology. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

SOSTU 4873 Methods in Secondary Social Studies
3 hours--Prereq.: Twenty hours in history and EDUC 2012, 2211, 3001, 4632, EDPSY 3513 or departmental approval. This course will focus on the acquisition of professional skills, development of materials, and use of resources for secondary instruction in the social studies

Courses in Spanish

SPAN 1113 Elementary Spanish I ■
3 hours--Pronunciation, elements of grammar, easy reading, conversation.

SPAN 1223 Elementary Spanish II ■
3 hours--Prereq.: 1113 or proficiency demonstrated through Advanced Standing Exam. Continuation of 1113; fundamentals of grammar, reading of increased difficulty; conversation.

SPAN 2113 Intermediate Spanish I ■
3 hours--Prereq.: 1223 or, if approved, two years in high school Spanish. Extensive reading in Spanish together with conversation based on these readings; review of Spanish grammar.

SPAN 2223 Intermediate Spanish II ■
3 hours--Prereq.: 2113. Spanish reading; conversation based on readings.

SPAN 3223 Spanish Literature Since 1800 ■
3 hours--Prereq.: 2223 or departmental approval. Survey of Spanish literature from 1800 to the present time.

SPAN 3233 Spanish Culture and Civilization ■
3 hours--Prereq.: 2223 or departmental approval. This course explores the development of the culture and civilization of Spain. Conducted mostly in Spanish.

SPAN 3243 Spanish American Culture and Civilization ■
3 hours--Prereq.: 2223 or departmental approval. This course explores the development of the culture and civilization of Spanish America. Conducted mostly in Spanish.

SPAN 3313 Spanish American Literature ■
3 hours--Prereq.: 2223 or departmental approval. Readings of representative types of Spanish American literature from Spanish-speaking countries in the Americas. Conducted mostly in Spanish.

SPAN 3333 Peninsular Spanish Literature ■
3 hours--Prereq.: 2223 or departmental approval. Study of representative works by major Spanish authors. Conducted mostly in Spanish.

SPAN 3343 The Hispanic Presence in the U.S. ■
3 hours--Prereq.: 2223 or departmental approval. This course treats Hispanics in the U.S. and their contributions to American society and culture. Conducted mostly in Spanish.

SPAN 3413 Advanced Spanish Composition and Conversation ■
3 hours--Prereq.: 2223 or departmental approval. Largely conducted in Spanish, this course is designed to develop the student's ability to speak and write the language correctly.

SPAN 3613 Conversational Spanish ■
3 hours--Prereq.: 2223 or departmental approval. Directed study in special topics. May be repeated with different topic. Conducted mostly in Spanish.

SPAN 4123 Advanced Spanish Grammar ■
3 hours--Prereq.: 2223 or departmental approval. Study of specific grammatical structures, with special focus on the subjunctive. Conducted mostly in Spanish.

SPAN 4133 Advanced Spanish Composition ■
3 hours--Prereq.: 3413 or departmental approval. This course focuses on writing effectively in Spanish with sensitivity to subject, purpose, and audience. Conducted mostly in Spanish.

SPAN 4143 Advanced Spanish Conversation ■
3 hours--Prereq.: 3413 or departmental approval. This course focuses on improving student ability to converse fluently in Spanish for various purposes and on a variety of topics. Conducted mostly in Spanish.

SPAN 4313 Spanish Civilization ■
3 hours--Prereq.: 2223 or departmental approval. This course involves travel and field study of Hispanic culture in study centers in Spain and/or Spanish America.

SPAN 4413 Methods of Teaching Spanish (taught in English)
3 hours--Prereq.: 2223 or departmental approval. Students study and practice current methodologies and strategies for teaching Spanish in grades K-12.

SPAN 4513 The Spanish Language: Historical Development and Linguistics ■
3 hours--Prereq.: 2223 or departmental approval. This course examines the origins and historical development of the Spanish language as well as linguistic variations of Spanish in the different countries of the Spanish speaking world. Conducted mostly in Spanish.

■ Denotes a Liberal Arts course.

SPAN 4981-4 Seminar in Spanish ■
1 to 4 hours--Prereq.: Departmental approval. Directed group study on specified subject. May be repeated with different subject. Conducted mostly in Spanish.

SPAN 4991-4 Individual Study in Spanish ■
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on a specified subject. May be repeated with different subject. Conducted mostly in Spanish.

SPAN 5981-4 Seminar in Spanish ■
1 to 4 hours--Prereq.: Departmental approval. Directed intensive study on selected problem or special topic.

SPAN 5991-4 Individual Study in Spanish ■
1 to 4 hours--Prereq.: Graduate standing, twelve hours Spanish, and departmental approval. Directed intensive study on definite problem or special subject, based on approved outline or plan; conferences, oral and written reports.

Courses in Theatre

THEA 1001 Introduction to Theatre Studies
1 hour--Prereq.: for Theatre majors only. This course should be taken by first semester Theatre majors, whether they are transfer students, freshmen, or new to the major. It will introduce practices unique to the academic study of theatre, including time management techniques to balance school work and rehearsal, audition practices, and other expectations of students in the major. Grading is Pass/Fail. Fall only.

THEA 1413 Acting I ■
3 hours--Students will learn analysis and performance techniques through solo performance and monologue. Emphasis on identifying objectives through a thorough study of text and communication of intentions and actions.

THEA 2001 Sophomore Experience
1 hour -- Prereq.: THEA 1001. This course is a continuation of Intro to Theatre Studies, delving deeper into areas of student interest and possible careers on-stage and off.

THEA 2333 Theatre in Life ■
3 hours--Study of significant ideas of Western and other cultures as manifest in theatre. Both theatre and practices will be examined.

THEA 2423 Acting II ■
3 hours--Students will learn analysis and performance techniques through scene study. Emphasis on listening and responding while actively pursuing an objective with a partner in duet scenes. Acting I (1413) is not a prerequisite.

THEA 2441 Theatre Production
1 hour--Participation in acting and/or technical assignments in college production. Exploration of modem theatrical production. Emphasis on practical application of technical theatre theories and concepts.

THEA 2881-4 Special Studies in Theatre ■
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

THEA 2453 Introduction to Technical Theatre ■
3 hours -- An introduction to the terminology and practices of technical theatre production. Exploration of modern theatrical production. Emphasis on practical application of technical theatre theories and concepts.

■ Denotes a Liberal Arts course.

THEA 3001 Resume Techniques ■
1 hour--Prereq: for Theatre majors only (both Theatre and Musical Theatre concentrations). Students will learn basic resume and self-marketing techniques, as well as preparing proposals for senior projects. Recommended in the second semester of the student's junior year. Grading is pass/fail.

THEA 3353 Theatre History Before 1800
3 hours--A survey of theatre history from its origins in antiquity to 1800 BCE. Students will encounter a broad knowledge of dramatic literature, performance traditions, and artistic movements from this particular period in history.

THEA 3363 Theatre History After 1800 ■
3 hours--A survey of theatre history from 1800 BCE through the present. Students will encounter a broad knowledge of dramatic literature, performance traditions, and artistic movements from this particular period in history.

THEA 3413 Play Directing ■
3 hours--Prereq.: Departmental approval. Introduction to basic directing techniques. Script analysis, movement, stage pictures, technical preparations, backstage organization, prompt book preparation. Actual production of one-act play in studio environment.

THEA 3423 Acting III ■
3 hours- Students will learn analysis and performance techniques through the production of a stylized play. This class will only be offered in a semester that also contains the production of a play in a particular period style (Shakespeare, Greek tragedy, Comedy of Manners, etc.) Students in this class will gain an in-depth knowledge of particular styles of acting throughout theatre history. No prerequisite required.

THEA 3483 Musical Theatre Workshop
3 hours -- Prereq.: 1413, Voice (2 semesters), and Piano (1 semester) or MUS 1113. Study of a small-scale musical theatre production culminating public performance. Students will prepare all elements necessary for performance including, but not limited to: set, props, publicity, public relations, choreography, staging, costumes, lights, and sound. May be repeated for credit.

THEA 3593 Play Analysis ■
3 hours--Students will learn basic dramatic structure and how to analyze a script as an actor, director, or designer.

THEA 4003 Marketing Techniques
3 hours--Prereq: for Theatre majors only (both Theatre and Musical Theatre Concentrations). Studies will learn techniques for self-marketing, including resume, website, and portfolio building. Recommended in student's final semester.

THEA 4013 Audition Methods ■
3 hours--Prereq.: THEA 1413 & 2423 Senior-level acting course focused on selection and performing material specific to each actor's most marketable type.

THEA 4453 Stage Makeup
3 hours--Prereq.: Departmental approval. Theory and practice of costume and makeup design and techniques of construction and application. Two hours lecture and two hours lab weekly.

THEA 4963 Senior Project in Theatre
3 hours--Prereq.: Open to Theatre majors (both Theatre and Musical Theatre) only. Scholarly and/or creative work in Theatre.

THEA 4981-4 Seminar in Theatre
1 to 4 hours--Prereq.: Departmental approval. Directed group study on special subject or problem.

THEA 4991-4 Individual Study in Theatre
1 to 4 hours--Prereq.: Departmental approval. Directed individual study on special subject or problem. Open only to selected undergraduates.

THEA 3433 Stagecraft and Scene Design
3 hours--Prereq.: Departmental approval. Classroom discussion of basic scene design conventions and strategies. Application of design and construction tools, materials and techniques in relation to ECU Theatre and other projects.

THEA 3453 Stage Lighting and Sound
3 hours--Prereq.: Departmental approval. Basic stage lighting and sound effects and enhancement conventions. Application of tools, materials and techniques in relation to ECU Theatre and selected projects.

Courses in University Studies

UNIV 1001 Tiger Connect ■
1 hour--This orientation course introduces students to university academic life, rules/regulations, and study/survival skills for college.

UNIV 1201 President's Leadership Class ■
1 hour--Prereq: Selected as PLC Scholar. The President's Leadership one hour seminar class provides students with an opportunity to: explore the unique experiences that have shaped their view of self in the context of leadership; expand their understanding of key leadership concepts, theories and models; and, gain an understanding of their civic responsibility as leaders.

UNIV 3340 National Student Exchange: Plan A
0 hours--Prereq.: Must be accepted and placed in the National Student Exchange program. East Central University student participating in exchange study at another college or university. Plan A - paying host institution. No credit course.

UNIV 3445 National Student Exchange: Plan B
5 hours--Prereq.: Must be accepted and placed in the National Student Exchange program. East Central University student participating in exchange study at another college or university. Plan B - paying East Central University 15 hours. Can be repeated up to 30 hours.

UNIV 3540 International Exchange Study I ■
0 hours--Prereq.: Must be accepted and placed in an approved Student Exchange program. East Central University student participating in exchange study at an international college or university. The student is paying the host institution's tuition and fees. No credit course.

UNIV 3645 International Exchange Study II ■
5 hours--Prereq.: Must be accepted and placed in an approved international Student Exchange program. East Central University student participating in exchange study at another college or university. The student pays East Central University tuition and fees for 15 hours. Can be repeated up to 30 hours.

■ Denotes a Liberal Arts course.

Courses in Water Resource Policy and Management

WRPM 3003 Natural Resources and Policy ■
3 hours--In this course, students examine natural resource policy and contemporary challenges from multiple perspectives. Special attention is paid to issues related to water.

WRPM 5103 Policy Research and Methodology
3 hours--This course will study research methods, research strategies, and statistical analysis skills necessary to both produce and critically analyze research reports and data compilations used to form public policy.

WRPM 5113 Advanced Native American Law
3 hours-- The study of issues related to Native Americans and the law. Emphasis on the analysis of sovereignty issues, treaties, and Native American courts.

WRPM 5193 Advanced Tribal Politics
3 hours-- This course will survey tribal government and politics in the United States with a special emphasis on the intergovernmental relationships among tribal, state, and federal governments.

WRPM 5203 Natural Resource History and Policy
3 hours--This course examines public land and natural resources history and policy from multiple perspectives. Natural resource policy development and decision-making, common determinants of natural resources challenges, and solutions to contemporary management problems and conflicts will be covered.

WRPM 5213 Advanced Public Policy Making
3 hours--This course will examine models of public policy making, leading the analysis of various problems confronting government. The course is concerned with interest groups, which influence policymaking, the processes (governmental, institutional, and environmental) through which policies plow, the final conclusions of policy making, and the impact on Society.

WRPM 5223 Water in Developing Countries
This course will promote critical thinking about water policies, management, and access issues in the developing world. Water is essential for sustaining human life. It is vital to our way of life and is essential for agricultural production as well as maintaining the ecosystem upon which all life depends. Water managers and policy makers are facing difficult challenges such as increased demand from cities, conflicts among water users, competition from farmers/ agricultural users, and effects of climate change. Countries in the developing world are among some of the regions currently facing complex water access challenges.

WRPM 5303 Water Resource Policy Analysis
3 hours--This course focuses on the development of water resource policies and fundamentals of water resource planning. Techniques for evaluating economic and environmental effects of water resource projects will be examined, and policies for allocating the resource among competing interests will be covered.

WRPM 5313 Native American Water Rights
3 hours--This course covers the scope of tribal, federal, and state authority to regulate or affect the development of Native American Lands established by statute or treaty, tribally and individually owned. Students will explore the philosophical background and case law pertaining to Native American management of water. Emphasis will be placed on the nature of the federal-tribal trust relationships and the doctrine of reserved rights as it applies to water.

WRPM 5403 Water Law
3 hours--This course explores legal schemes for securing and using water rights in surface and groundwater for private and public uses in the United States. Students will examine prior appropriation doctrines of water allocation, groundwater management regimes, federal water management and regulation, and interstate allocation devices.

WRPM 5413 Public Organization Theory
3 hours--This course covers the key concepts of public organization theories and the applications of theories to solve world problems. A significant portion of the class will apply the concepts to water policy decision-making.

WRPM 5503 Environmental Conflict Management
3 hours--This course focuses on the causes, dynamics, and consequences of natural resource and environmental conflicts as well as on the understanding of possible approaches to managing these conflicts. The course explores traditional procedures used to manage disputes in the public sector and analyze why these traditional mechanisms fail during environmental and resource disputes. Dispute resolution, mediated negotiations and multi-party collaborative efforts are examined.

WRPM 5513 Advanced Watershed Management
3 hours--This course considers the watershed holistically and seeks solutions to an interrelated set of social, economic, and environmental problems. Students will explore a wide range of threats to the productivity and health of watersheds and explore new collaborative approaches to watershed management.

WRPM 5603 Water Resource Economics
3 hours--Explores the economics of water resources, including static and dynamic efficiency for consumers and producers and other topics concerned with water quality. Explores effects of climate change on water resources, and economic approaches to mitigate these effects.

WRPM 5613 Hydrogeology
3 hours--This course provides an introduction to the principles and practices associated with an understanding of groundwater and its utilization. Students will examine the relationship between geologic materials and the process of water movement within the earth with a consideration that groundwater is a precious resource that is increasingly at risk for exploitation and contamination.

WRPM 5691-6 Thesis
Credit Hours: 1-6. Students completing the thesis option are required to conduct research and prepare a scholarly paper, or other appropriate creative component, under the guidance of a faculty committee for submission to the Graduate School. This course is repeatable. A minimum of three hours must be completed. A maximum of six hours may be counted toward the degree.

WRPM 5703 International Environmental Policy
3 hours--This course introduces students to contemporary international environmental problems from theoretical and policy perspectives to understand the cause of environmental problems. Students will investigate strategies used to address a nation's problems, recognizing failure and success. Additionally, students will examine national security and economic stability in light of the environmental policies in place, particularly those policies related to water.

WRPM 5713 Advanced Water Quality and Treatment
3 hours--This course covers the fundamentals of water quality and distribution systems that include natural purification of surface water, waste-water collection systems, water and wastewater treatment technologies and design strategies.

■ Denotes a Liberal Arts course.

WRPM 5813 Studies in Environmental Toxicology
3 hours--The course covers poisonous or toxic properties of substances and the regulations and management practices for these chemicals.

WRPM 5913 Climate Change and Water
Climate Change and Water provides students with the information they need to understand and evaluate the effects of climate change on managing water in the human environment. A special emphasis will be placed on how indigenous tribes are affected by and manage the effects of climate change.

WRPM 5951-3 Internship in Water Resources
1-3 hours-- Prereq.: Departmental approval. An in-depth and practical study of Water Resource Policy and Management.

WRPM 5981-4 Seminar in Water Resources Policy and Management
1-4 hours-- Prereq.: Departmental approval. Directed group study on special subject or problem.

WRPM 5991-4 Individual Study in Water Resources Policy and Management
1-4 hours-- Prereq.: Departmental approval. Directed intensive study on a selected problem or special topic.

Glossary of Terms

Administrative Withdrawal Course Status: A course that a student is enrolled in but has been withdrawn from by an official of the institution (Faculty, Academic Affairs, Dean of Students) between the start date and the final date of the academic term. (Refunds and transcriptions are based on the drop date for the term)

Applicant: A person who has submitted an ECU application.

Admitted: A person who has met the requirements for admission.

Drop (Action): The act of requesting that a course is removed from a student's schedule before the drop date for the term. (Note: Full refund and no transcription of the course)

Dropped Course Status: A course that is removed from a student's schedule before the drop date for the term. (Note: Full refund and no transcription of the course)

Enroll (Action): The act of selecting a course or courses to participate in during a particular academic term.

Enrolled Course Status: A course that is confirmed on a student's schedule for a particular academicterm.

Enrolled Student: A student who has at least one course confirmed for a particular academic term.

First Generation Student: A student neither of whose natural or adoptive parents received a baccalaureate degree; or a student who, prior to the age of 18, regularly resided with and received support from only one natural or adoptive parent and whose supporting parent did not receive a baccalaureate degree; or a student who, prior to the age of 18, did not regularly reside with or receive support from a natural or an adoptive parent.

First-Time Full-Time Student: A first-time entering student who is enrolled in at least 12 credit hours (undergraduate) or 9 credit hours (graduate).

Low-Income Student: A student whose family's taxable income for the preceding year did not exceed 150 percent of the poverty level amount as determined by the US Census Bureau.

Non-Degree Seeking Student: A student enrolled in courses for credit who is not recognized by the institution as seeking a degree or recognized postsecondary credential.

Non-Enrolled Student: A student who is not enrolled in any courses for a particular academic term.

No-Show Course Status: A course in which a student did not begin attendance by the census date.

No-Show Student: An enrolled student who does not attend any courses by the census date for a particular academic term. All courses are recorded as "dropped" with a full refund and no transcription of any of the courses.

Prospect: A prospective student who has indicated an interest in attending ECU.

Total Administrative Withdrawal (Action): The act of withdrawing a student from all courses that a student is enrolled in at the institution, initiated by an official of the institution (Academic Affairs, Dean of Students, International Student Services) between the start date and the final date of the academic term. (Refunds and transcriptions are based on the drop date for the term)

Total Withdrawal (Action): The act of requesting that all courses that a student has started attending but no longer wishes to attend or receive a grade for between the drop deadline and the withdrawal deadline. (Note: No refund is given, and all courses are transcripted as "W's")

Total Withdrawal/Totally Withdrawn Course Status: Withdrawal from all courses between the drop deadline and the withdrawal deadline. (Note: No refund is given, and all of the courses as transcripted with a "W" grade)

Undecided Student: A degree-seeking student who has actively declared an academic program of "Undecided".

Withdraw (Action): The act of requesting that a course that a student started attending but no longer wishes to attend or receive a grade for between the drop deadline and the withdrawal deadline. (Note: No refund is given, and the course is transcripted as a "W")

Withdrawal/Withdrawn Course Status: A course that a student started attending but no longer attends between the drop deadline and the withdrawal deadline. (Note: No refund is given, and the course is transcripted as a "W")

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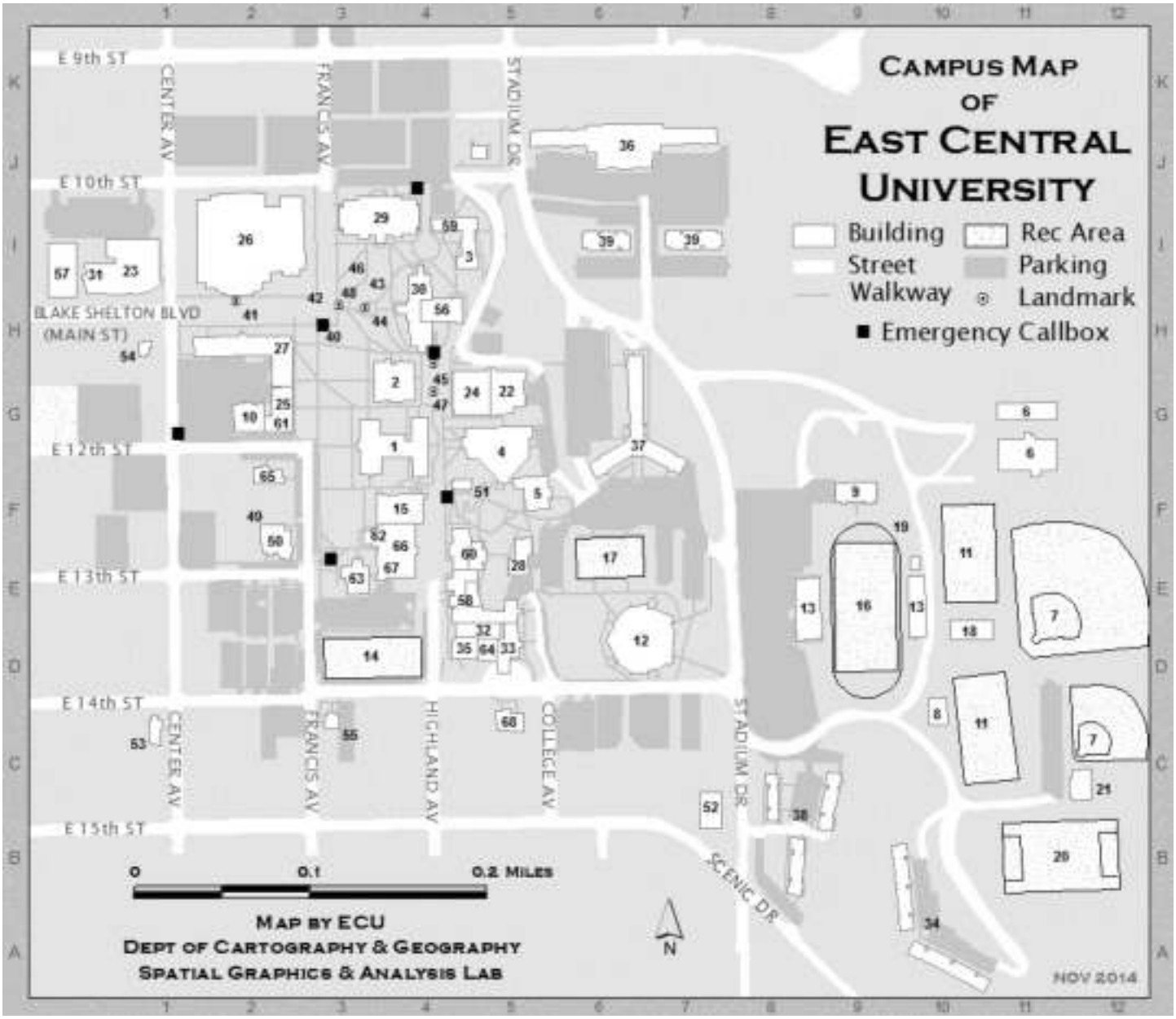
CAMPUS MAP
OF
EAST CENTRAL
UNIVERSITY
Building
Street
Walkway
Rec Area
Parking
Landmark
Emergency Callbox
E 9th ST
E 10th ST
E 12th ST
E 13th ST
E 14th ST
E 15th ST
CENTER AV
FRANCIS AV
STADIUM DR
HIGHLAND AV
COLLEGE AV
SCENIC DR
BLAKE SHELTON BLVD
(MAIN ST)
0
0.1
0.2 MILES
MAP BY ECU
DEPT OF CARTOGRAPHY & GEOGRAPHY
SPATIAL GRAPHICS & ANALYSIS LAB
N
NOV 2014

MAP KEY

ADMINISTRATION BUILDING

1 ADMINISTRATION (G4)
2 DANLEY HALL (G3)
3 FENTEM HALL/CONTINUING EDUCATION (I4)
4 LINSCHEID LIBRARY (G5)
5 LINSCHEID LIBRARY ANNEX (F6)
6 PHYSICAL PLANT & HAZARD WASTE (G11)

ATHLETIC FACILITIES

7 BASEBALL & SOFTBALL FIELDS (D11)
8 BASEBALL LOCKER ROOM (D10)
9 ELVAN GEORGE ATHLETIC BLDG (F9)
10 FAUST HALL GYM (G2)
11 INTRAMURAL/PRACTICE FIELDS (C11, F11)
12 KERR ACTIVITY CENTER (D7)
13 KOI ISHTO STADIUM (E9)
14 MAYHUE TENNIS COURTS (D3)
15 MCBRIDE GYM (F4)
16 NORRIS FIELD (E9)
17 OSCAR PARKER TENNIS COURTS (E6)
18 PAT O'NEAL STRENGTH & CONDITIONING CTR (D11)
19 PHILPOT TRACK (F9)
20 SOCCER FIELD (B12)
21 SOCCER-SOFTBALL LOCKER ROOM (C12)

CLASSROOM BUILDING

22 ART ANNEX (G5)
23 CHICKASAW BUSINESS & CONFERENCE CTR (I1)
24 EDUCATION (G4)
25 FAUST HALL (G2)
26 HALLIE BROWN FORD FINE ART CENTER (I2)
27 HORACE MANN (H2)
28 KINESIOLOGY (E5)
29 PHYSICAL/ENVIRONMENTAL SCIENCE CTR (I3)
30 SCIENCE HALL (H4)

EMERGENCY

31 CAMPUS POLICE DEPARTMENT (I1)
32 UNIVERSITY NURSE/COUNSELING (D5)

HOUSING

33 BRILES HALL (D5)
34 GREEK VILLAGE (B10)
35 KNIGHT HALL (D5)
36 PESAGI HALL (J6)
37 PONTOTOC HALL (G6)
38 STADIUM DRIVE APTS (B8)
39 TIGER COMMONS (I6, I7)

LANDMARKS

40 CALLIXYLON TREE (H3)
41 CENTENNIAL FOUNTAIN (H2)
42 CENTENNIAL PLAZA (H3)
43 CRABTREE HONOR PLAZA (H3)
44 ECU TIGER & FOUNTAIN (H3)
45 E. W. JAMES PLAZA (G4)
46 POGUE GAZEBO (I3)
47 TIME CAPSULE (G4)
48 WORLD WAR I MEMORIAL (H3)

STUDENT & OTHER FACILITIES

49 BANNER BAPTIST ASSOCIATION (F2)
50 BAPTIST STUDENT UNION (F2)
51 BOSWELL CHAPEL (F4)
52 CHI ALPHA CAMPUS MINISTRIES (B7)
53 CHURCH OF CHRIST CENTER (C1)
54 COMMUNICATION CREDIT UNION (H1)
55 DHS VOCATIONAL REHABILITATION (C3)
56 DOROTHY I. SUMMER AUDITORIUM (H5)
57 ECU ARTS INCUBATOR (I1)
58 ECU BOOKSTORE (E5)
59 ECU CHILD DEVELOPMENT CENTER (I4)
60 ECU STUDENT UNION (E4)
61 FAUST HALL AUDITORIUM (G2)
62 RAYMOND ESTEP AUDITORIUM (F3)
63 STERLING L. WILLIAMS ALUMNI & FOUNDATION CENTER (E3)
64 TAFF CAFETERIA (D5)
65 UNITED CAMPUS MINISTRIES (F2)
66 BILL S. COLE UNIVERSITY CENTER (E4)
67 WELLNESS CENTER (E4)
68 Z-TREE (C5)